



CNC MACHINE TOOLS **PRODUCT CATALOG 2026**

Machining Centers · CNC Lathes · Milling · Drilling · Sawing · Grinding

16

Product Lines

474

Models in Range

137

Machine Series

Range figures: full listing at www.suntoncnc.com

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www.suntoncnc.com

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One range, sixteen product lines

SUNTON manufactures and exports CNC machine tools from Wenzhou, China, supplying factories in Europe, Russia, the Middle East, Southeast Asia and the Americas. Every machine is configured to order, tested before dispatch and documented for export. The main range below leads with machining centers and CNC machines, followed by conventional milling, drilling, lathe, sawing, grinding and planing lines; the extended range of additional machining-center and 5-axis series follows at the back of this catalog. Full specifications for each model are given in the series pages and on our website. The headline figures — sixteen product lines, 474 models and 137 series — are counted on the full range listed on our website.

Gantry Machining Centers

4 series · 21 models

Gantry Machining Center SG-2905	SG-2904 · SG-2905 · SG-3204 · SG-3205
Gantry Machining Center SG-2405	SG-2403 · SG-2404 · SG-2405 · SG-2704 · SG-2705
Gantry Machining Center SG-1403	SG-1402 · SG-1403 · SG-1702 · SG-1703 · SG-1704 · SG-2002 · SG-2003 · SG-2004
Gantry Drilling & Milling Center GDC2030	GDC2030 · GDC1216 · GDC1220 · GDC1230

Vertical Machining Centers

6 series · 19 models

Vertical Machining Center SV-1580	SV-1580 · SV-1690 · SV-1890 · SV-20100
Vertical Machining Center SV-1370	SV-1270 · SV-1370
Vertical Machining Center SV-850	SV-850 · SV-1055 · SV-1260
Machining Center SV-550	SV-430 · SV-550 · SV-650 · SV-750
High-speed Machining Center LV-1055	LV-650 · LV-750 · LV-850 · LV-1055
Heavy-cutting Machining Center XHC715A	XHC715A · XHC715

Horizontal Machining Centers

1 series · 4 models

Horizontal Machining Center SH-800P	SH-400P · SH-500P · SH-630P · SH-800P
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CNC Milling Machines

7 series · 14 models

CNC Milling Machine XK7136	XK7130 · XK7132 · XK7135 · XK7136
CNC Universal Milling Machine XK7160WT	XK7160WT
Powerful CNC Milling Machine XK7150	XK7150 · XK7140
CNC Vertical Milling Machine XK5040	XK5032 · XK5040
CNC Horizontal Milling Machine XK6140	XK6132 · XK6140
CNC Milling Machine XK7125	XK7125 · XK7120
CNC Milling Machine XCK6328	XCK6328

Engraving & Milling Machines

2 series · 8 models

Engraving And Milling Machine SD-1620	SD-1012 · SD-1216 · SD-1620 · SD-8010
Engraving And Milling Machine SD-860	SD-550 · SD-650 · SD-860 · SD-7080
Vertical Lathes 4 series · 8 models	
Vertical Lathe CK5110	CK518 · CK5110
Vertical Lathe CK5116A	C5112A / CK5112A · C5116A / CK5116A
Vertical Lathe CK5126A	C/CK5120A · C/CK5126A
Vertical Lathe CK5250	C/CK5240 · C/CK5250
CNC Drilling Machines 5 series · 20 models	
CNC Gantry Drilling Machine ZK3025	ZK1000 · ZK1500 · ZK2015 · ZK2000 · ZK3025
CNC Vertical Drilling Machine ZK5150C	ZK5140C · ZK5150C · ZK5140C/1 · ZK5150C/1 · ZK5140C/2 · ZK5150C/2 · ZK5140C/3 · ZK5150C/3 · ZK5140C/5 · ZK5150C/5
Drilling And Tapping Center HD-ZXK50A	HD-ZXK50 · HD-ZXK50A
CNC Gantry Drilling Machine ZK3850A	ZK3850A
CNC Bench Drilling Machine ZK2515	ZK2515 · ZK2515-13
Boring & Milling Machines 2 series · 5 models	
CNC Boring And Milling Machine TPX611C	TPX611C
Horizontal Boring And Milling Machine TPX6111B	TPX6111B · TPX6111B/2 · TPX6111B/3 · TPX68
CNC Lathes 3 series · 6 models	
CNC Lathe SL-6136	SL-6130 · SL-6136
CNC Lathe SL-6140	SL-6140
CNC Lathe SL-6180	SL-6150 · SL-6163 · SL-6180
Milling Machines 12 series · 32 models	
Universal Milling Machine XA6140	XA6132 / X62W · XA6140 / X63W
Vertical Milling Machine XA5040	XA5032 / X52K · XA5040 / X53K
Vertical Milling Machine X5032A	X5032A · X5032
Bed Milling Machine X7150A	X7150A
Multifunctional Milling Machine X6036B	X6036A · X6036B · X5036A · X5036B
Turret Milling Machine 5H	4H · 5H · 4HW · 5HW
Drilling And Milling Machine ZX6350C	ZX6350A · ZX6350D · ZX6350C
Bed Milling Machine ZX7150A	X7132C · ZX7150A
Universal Milling Machine X6032	X6128 · X6032
Multi-function Milling Machine ZX6332A	ZX6332A · ZX6332B
Universal Rotary Head Milling Machine XL6232	XL6232 · XL6226 · X6432
Drilling And Milling Machine ZX7550CW	ZXTM40 · ZX-16 · ZX-20 · ZX50C · ZX7550CW

Drilling Machines		14 series · 56 models
Radial Drilling Machine Z3080×25		Z3080×25
Radial Drilling Machine Z3063×20		Z3063×20
Radial Drilling Machine Z3050×20/1		Z3040×16/1 · Z3050×16/1 · Z3050×20/1
Radial Drilling Machine Z3050X16		Z3050X16 · Z3040X13 · Z3040X12/1 · Z3032X10/1 · Z3032X10
Universal Radial Drilling Machine Z3150		Z3140A / Z3150 · Z3725X8B / Z3732X8B · Z3725X8A / Z3732X8A
Square Column Vertical Drilling Machine Z51100		Z51100 · Z5180C · Z5163C · Z5150C · Z5140B · Z5150D · Z5150 · Z5140C · Z5140B-2 · Z535 · Z5132A · Z5125A
Pillar Type Vertical Drilling Machine Z5050		Z5035 · Z5040 · Z5050
Gear Type Automatic Feed Drilling Machine ZS-40B		ZS-40B / ZS-40BP · ZS-40B1 / ZS-40BP1 · ZS-40BHS / ZS-40BPS · ZS-40BHS1 / ZS-40BPS1
Vertical Drilling Machine Z5045		Z5032 / Z5040 / Z5045 · Z5032 / Z5040 / Z5045 (C)
Vertical Drilling Machine Z5045-1		Z5032-1 / Z5040-1 / Z5045-1 · Z5032-1 / Z5040-1 / Z5045-1 (Group B)
Square Column Vertical Drilling Machine Z5150B		Z5140B · Z5140B-1 · Z5150B · Z5150B-1
Bench Drilling Machine Z4132G		Z4132G / Z4125G · Z4120G · Z4116G / Z4113G
Bench Drilling Machine Z4125		Z4112A / Z4116A · Z4116 · Z4120 / Z4125 · Z4120 / Z4125 (2nd) · Z512B / Z516B
Bench Drilling Machine ZQ4132		ZQ4113 · ZQ4116 / ZQ4119 · ZQ4125 / ZQ4132 · ZQD4125 / ZQD4132 · ZHX-13 · EDP20013B · ST-16A · Z4116T (KSD-34M)
Conventional Lathes		7 series · 30 models
Lathe CW61125B		CW61100B/CW61125B · CW61160 · CW61200 · S1-170B
Horizontal Lathe CW62110		CW6163/CW6263 · CW6180/CW6280 · CW6193/CW6293 · CW6180B/CW6280B · CW61100/CW62100 · CW61110/CW62110
Pipe Thread Lathe Q1330		Q1313 · Q1319 · Q1322 · Q1325 · Q1327 · Q1330
Horizontal Lathe CA6250A		CA6140A · CA6240A · CA6150A · CA6250A
Horizontal Lathe C6150		C6136 · C6140 · C6150
Horizontal Lathe CQ6240		CQ6230A · CQ6236 · CQ6240
Bench Lathe CZ1337V		GZ1237G-1 · CZ1337G-1 · CZ1237V · CZ1337V
Band Sawing Machines		17 series · 59 models
Metal Band Sawing Machine GB4250		GB4220 · GB4228 · GB4235 · GB4240 · GB-4250
Horizontal Band Sawing Machine GB-280HA		GB-220 · GB-280 · GB-280HA
Double Column Band Sawing Machine G4240/50		GB4028B · GB4038 · G4228 · G4235 · G4230/50 · G4240/50
Double Column Band Sawing Machine G4250/85		G4240/70 · G4250 · G4250/85 · G4255 · G4265
Gantry Band Sawing Machine G42250		G4280 · G42100 · G42120 · G42130 · G42150 · G42160 · G42180 · G42200 · G42250

Automatic Band Sawing Machine GZ4230	GZ4028 · GZ4228 · GZ4230
Automatic Band Sawing Machine GZ4240	GZ4240 · GZ4250
Angle Band Sawing Machine CH-400SA	CH-300SA · CH-400SA
Angle Band Sawing Machine CH-600SA	CH-600SA
Angle Band Sawing Machine GW4240/70Z	GW4028/Z · GW4240/70Z
NC Automatic Band Sawing Machine CH-330HA	CH-330HA · CH-7040 · CH-7050
Vertical Band Sawing Machine G5385	G5385 · G53100 · G53125 · G53150
Vertical Band Sawing Machine G5480	G5430 · G5445 · G5465 · G5480
Vertical Band Sawing Machine G5340	G5115 · G5125 · G5140 · G5315 · G5325 · G5340
Angle Vertical Band Sawing Machine G5250	G5250
Vertical Band Sawing Machine G5360×160×600	G5360×160×600 · G5325×65×750
Hacksawing Machine G7025	G7025
Grinding Machines 5 series · 14 models	
Surface Grinding Machine MY3070	MY3070 · M618 · M250 · MY250
Universal Cylindrical Grinder M1432-1000	M1420-520 · M1420-750 · M1432-750 · M1432-1000
Hydraulic Surface Grinding Machine M7130	M7130 · M7140 · M7150 · M7163
Crankshaft Grinding Machine M8240	M8240
Crankshaft Grinding Machine MQ8260	MQ8260
Planing & Shaping Machines 12 series · 55 models	
Gantry Planer Milling Machine BXM220A	BXM220A · BXM220B · BXM220C · BXM220D · BXM220E · BXM225B · BXM225C · BXM225D · BXM230B
Gantry Planer Milling Machine BXM2016A	BXM2016A · BXM2016B · BXM2016C · BXM2016D · BXM220A · BXM220B · BXM220C · BXM220D · BXM220E
Gantry Planer Milling Machine BXMQ2017D	BXMQ2010A · BXMQ2013A · BXMQ2013C · BXMQ2016B · BXMQ2016D · BXMQ2017B · BXMQ2017C · BXMQ2017D
Face Milling Machine X1230	X1220 · X1230
Gantry Milling Machine X2025-60	X2014-20 · X2014-30 · X2014-40 · X2014-60 · X2016-30 · X2016-40 · X2016-60 · X2020-40 · X2020-60 · X2025-40 · X2025-60
Gantry Milling Machine XQ2016-30	XQ2014-20 · XQ2014-30 · XQ2016-30
Cylinder Boring Machine T8018	T8018B · T8018C
Hydraulic Shaper BY-60100C	BY-60100C
Shaper BC60100	BC6063 · BC6066 · BC6085 · BC60100
Shaper B635A	B635A
Gear Hobbing Machine Y3150	Y3150 · Y3180

Gantry Machining Center SG-2905

SG Series



MODELS IN THIS SERIES

SG-2904 · SG-2905 · SG-3204 · SG-3205

SUNTON SG-2905 gantry machining center: 5000 x 2500 mm table, 5000/2900/1000 mm travels, BT50 spindle at 6000 rpm for large parts.

KEY SPECIFICATIONS

Specification	SG-2904	SG-2905	SG-3204	SG-3205
Table size	4000 × 2500 mm	5000 × 2500 mm	4000 × 2800 mm	5000 × 2800 mm
X / Y / Z travel	4000 / 2900 / 1000 mm	5000 / 2900 / 1000 mm	4000 / 3200 / 1000 mm	5000 / 3200 / 1000 mm
Gantry width	2900 mm	2900 mm	3200 mm	3200 mm
Spindle nose to table surface	200-1200 mm	200-1200 mm	200-1200 mm	200-1200 mm
Maximum table load	12 T	14 T	14 T	16 T
T-slot	11-28 × 200 mm	11-28 × 200 mm	12-28 × 200 mm	12-28 × 200 mm
Spindle taper	BT50-Ø190	BT50-Ø190	BT50-Ø190	BT50-Ø190
Spindle speed	6000 rpm	6000 rpm	6000 rpm	6000 rpm
Spindle motor power	αis 22 kW, 140 N·m	αis 22 kW, 140 N·m	αis 22 kW, 140 N·m	αis 22 kW, 140 N·m
Rapid traverse (X/Y/Z)	8 / 10 / 10 m/min	8 / 10 / 10 m/min	8 / 10 / 10 m/min	8 / 10 / 10 m/min
Cutting feed rate	6000 mm/min	6000 mm/min	6000 mm/min	6000 mm/min
Tool magazine capacity	24 / 40 pcs	24 / 40 pcs	24 / 40 pcs	24 / 40 pcs
Tool change time	2.5 sec	2.5 sec	2.5 sec	2.5 sec
Positioning accuracy (X/Y/Z)	0.032 / 0.03 / 0.02 mm	0.032 / 0.03 / 0.02 mm	0.032 / 0.03 / 0.02 mm	0.032 / 0.03 / 0.02 mm
Repeatability (X/Y/Z)	0.02 / 0.015 / 0.012 mm	0.02 / 0.015 / 0.012 mm	0.02 / 0.015 / 0.012 mm	0.02 / 0.015 / 0.012 mm
Machine weight (approx.)	54 T	60 T	64 T	72 T

Full model details, options and pricing: www.suntoncnc.com

Gantry Machining Center SG-2405

SG Series



MODELS IN THIS SERIES

SG-2403 · SG-2404 · SG-2405 · SG-2704 · SG-2705

SUNTON SG-2405 gantry machining center: 5000 x 2000 mm table, 5000/2400/1000 mm travels, BT50 spindle at 6000 rpm, 42 T machine weight.

KEY SPECIFICATIONS

Specification	SG-2403	SG-2404	SG-2405	SG-2704	SG-2705
Table size	3000 × 2000 mm	4000 × 2000 mm	5000 × 2000 mm	4000 × 2300 mm	5000 × 2300 mm
X / Y / Z travel	3000 / 2400 / 1000 mm	4000 / 2400 / 1000 mm	5000 / 2400 / 1000 mm	4000 / 2700 / 1000 mm	5000 / 2700 / 1000 mm
Gantry width	2400 mm	2400 mm	2400 mm	2700 mm	2700 mm
Spindle nose to table surface	200–1200 mm	200–1200 mm	200–1200 mm	200–1200 mm	200–1200 mm
Maximum table load	6 T	7 T	8 T	10 T	12 T
T-slot	9–22 × 180 mm	9–22 × 180 mm	9–22 × 180 mm	11–28 × 200 mm	11–28 × 200 mm
Spindle taper	BT50-Ø190	BT50-Ø190	BT50-Ø190	BT50-Ø190	BT50-Ø190
Spindle speed	6000 rpm	6000 rpm	6000 rpm	6000 rpm	6000 rpm
Spindle motor power	αis 22 kW, 140 N·m	αis 22 kW, 140 N·m	αis 22 kW, 140 N·m	αis 22 kW, 140 N·m	αis 22 kW, 140 N·m
Rapid traverse (X/Y/Z)	12 / 12 / 10 m/min	12 / 12 / 10 m/min	12 / 12 / 10 m/min	12 / 12 / 10 m/min	12 / 12 / 10 m/min
Cutting feed rate	6000 mm/min	6000 mm/min	6000 mm/min	6000 mm/min	6000 mm/min
Tool magazine capacity	24 / 40 pcs	24 / 40 pcs	24 / 40 pcs	24 / 40 pcs	24 / 40 pcs
Tool change time	2.5 sec	2.5 sec	2.5 sec	2.5 sec	2.5 sec
Positioning accuracy (X/Y/Z)	0.03 / 0.025 / 0.02 mm	0.03 / 0.025 / 0.02 mm	0.03 / 0.025 / 0.02 mm	0.032 / 0.025 / 0.02 mm	0.032 / 0.025 / 0.02 mm
Repeatability (X/Y/Z)	0.015 / 0.012 / 0.01 mm	0.015 / 0.012 / 0.01 mm	0.015 / 0.012 / 0.01 mm	0.02 / 0.015 / 0.012 mm	0.02 / 0.015 / 0.012 mm
Machine weight (approx.)	32 T	37 T	42 T	49 T	54 T

Full model details, options and pricing: www.suntoncnc.com

Gantry Machining Center SG-1403

SG Series



MODELS IN THIS SERIES

SG-1402 · SG-1403 · SG-1702 · SG-1703 · SG-1704 · SG-2002 · SG-2003 · SG-2004

SUNTON SG-1403 gantry machining center: 3000 x 1000 mm table, 3000/1400/800 mm travels, belt-drive BT50 spindle at 6000 rpm.

KEY SPECIFICATIONS

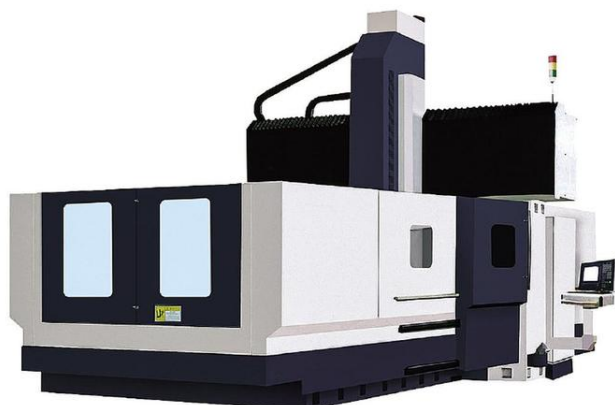
Specification	SG-1402	SG-1403	SG-1702	SG-1703	SG-1704	SG-2002
Table size	2000 × 1000 mm	3000 × 1000 mm	2000 × 1400 mm	3000 × 1400 mm	4000 × 1400 mm	2000 × 1600 mm
X / Y / Z travel	2000 / 1400 / 800 mm	3000 / 1400 / 800 mm	2000 / 1700 / 800 mm	3000 / 1700 / 800 mm	4000 / 1700 / 800 mm	2000 / 2000 / 800 mm
Gantry width	1400 mm	1400 mm	1700 mm	1700 mm	1700 mm	2000 mm
Spindle nose to table surface	200–1000 mm	200–1000 mm	200–1000 mm	200–1000 mm	200–1000 mm	200–1200 mm
Maximum table load	4 T	5 T	5 T	6 T	7 T	5 T
T-slot	5–22 × 180 mm	5–22 × 180 mm	7–22 × 180 mm	7–22 × 180 mm	7–22 × 180 mm	7–22 × 180 mm
Spindle taper	Belt drive, BT50-Ø190	Belt drive, BT50-Ø190	Belt drive, BT50-Ø190	Belt drive, BT50-Ø190	Belt drive, BT50-Ø190	Belt drive, BT50-Ø190
Spindle speed	6000 rpm	6000 rpm	6000 rpm	6000 rpm	6000 rpm	6000 rpm
Spindle motor power	βilp 30, 15/18.5 kW, 143 N·m	βilp 30, 15/18.5 kW, 143 N·m	βilp 30, 15/18.5 kW, 143 N·m	βilp 30, 15/18.5 kW, 143 N·m	βilp 30, 15/18.5 kW, 143 N·m	βilp 30, 15/18.5 kW, 143 N·m
Rapid traverse (X/Y/Z)	12 / 12 / 10 m/min	12 / 12 / 10 m/min	12 / 12 / 10 m/min	12 / 12 / 10 m/min	12 / 12 / 10 m/min	12 / 12 / 10 m/min
Cutting feed rate	6000 mm/min	6000 mm/min	5000 mm/min	5000 mm/min	5000 mm/min	6000 mm/min
Tool magazine capacity	24 / 40 pcs	24 / 40 pcs	24 / 40 pcs	24 / 40 pcs	24 / 40 pcs	24 / 40 pcs
Positioning accuracy (X/Y/Z)	0.02 / 0.02 / 0.015 mm	0.02 / 0.02 / 0.015 mm	0.02 / 0.02 / 0.015 mm	0.02 / 0.02 / 0.015 mm	0.02 / 0.02 / 0.015 mm	0.02 / 0.02 / 0.015 mm
Repeatability (X/Y/Z)	— / 0.015 / 0.01 mm	— / 0.015 / 0.01 mm	0.015 / 0.015 / 0.01 mm	0.015 / 0.015 / 0.01 mm	0.015 / 0.015 / 0.01 mm	0.015 / 0.015 / 0.01 mm
Machine weight (approx.)	18 T	21 T	20 T	24 T	28 T	24 T

Specification	SG-2003	SG-2004
Table size	3000 × 1600 mm	4000 × 1600 mm
X / Y / Z travel	3000 / 2000 / 800 mm	4000 / 2000 / 800 mm
Gantry width	2000 mm	2000 mm
Spindle nose to table surface	200–1200 mm	200–1200 mm
Maximum table load	6 T	7 T
T-slot	7-22 × 180 mm	7-22 × 180 mm
Spindle taper	Belt drive, BT50-Ø190	Belt drive, BT50-Ø190
Spindle speed	6000 rpm	6000 rpm
Spindle motor power	βilp 30, 15/18.5 kW, 143 N·m	βilp 30, 15/18.5 kW, 143 N·m
Rapid traverse (X/Y/Z)	12 / 12 / 10 m/min	12 / 12 / 10 m/min
Cutting feed rate	6000 mm/min	6000 mm/min
Tool magazine capacity	24 / 40 pcs	24 / 40 pcs
Positioning accuracy (X/Y/Z)	0.02 / 0.02 / 0.015 mm	0.02 / 0.02 / 0.015 mm
Repeatability (X/Y/Z)	0.015 / 0.015 / 0.01 mm	0.015 / 0.015 / 0.01 mm
Machine weight (approx.)	28 T	32 T

Full model details, options and pricing: www.suntoncnc.com

Gantry Drilling & Milling Center GDC2030

GDC Series



MODELS IN THIS SERIES

GDC2030 · GDC1216 · GDC1220 · GDC1230

SUNTON GDC2030 gantry drilling & milling center: 2000 x 3000 mm table, 3000/2000/500 mm travels, ISO50 spindle, 6000 kg table load.

KEY SPECIFICATIONS

Specification	GDC2030	GDC1216	GDC1220	GDC1230
Table size	2000 × 3000 mm	1250 × 1600 mm	1250 × 2000 mm	1200 × 3000 mm
X / Y / Z travel	3000 / 2000 / 500 mm	1600 / 1250 / 500 mm	2000 / 1250 / 500 mm	3000 / 1250 / 500 mm
Column spacing	2400 mm	1600 mm	1600 mm	1600 mm
Spindle nose to table surface	150-650 mm	150-650 mm	150-650 mm	150-650 mm
Maximum table load	6000 kg	1600 kg	2200 kg	2400 kg
T-slot	9-28-200	7-22-160	7-22-160	7-22-160
Spindle taper	ISO50	ISO50	ISO50	ISO50
Spindle speed	10-4000 rpm	10-3000 rpm	10-4000 rpm	10-4000 rpm
Spindle motor power	12 kW	12 kW	12 kW	12 kW
Spindle torque	230 N·m	230 N·m	230 N·m	230 N·m
Feed rate	4000 mm/min	4000 mm/min	4000 mm/min	4000 mm/min
Rapid traverse	12000 (X/Y) / 8000 (Z) mm/min	12000 (X/Y) / 8000 (Z) mm/min	12000 (X/Y) / 8000 (Z) mm/min	12000 (X/Y) / 8000 (Z) mm/min
Positioning accuracy	±0.015 mm	±0.015 mm	±0.015 mm	±0.015 mm
Repeatability	—	—	—	—
Machine weight	20000 kg	10000 kg	11500 kg	15000 kg

Full model details, options and pricing: www.suntoncnc.com

Vertical Machining Center SV-1580

SV Series



MODELS IN THIS SERIES

SV-1580 · SV-1690 · SV-1890 · SV-20100

SUNTON SV-1580 vertical machining center: 1800 x 800 mm table, 1600/800/700 mm travels, BT50 spindle at 6000 rpm, 1500 kg table load.

KEY SPECIFICATIONS

Specification	SV-1580	SV-1690	SV-1890	SV-20100
Table size	1800 × 800 mm	1800 × 900 mm	2000 × 900 mm	2200 × 1000 mm
X / Y / Z travel	1600 / 800 / 700 mm	1600 / 900 / 700 mm	1800 / 900 / 800 mm	2000 / 1000 / 800 mm
Maximum table load	1500 kg	1500 kg	1600 kg	1800 kg
T-slot	5-22-135 mm	5 × 22 × 165 mm	5 × 22 × 165 mm	5 × 22 × 185 mm
Spindle taper	BT50 / Ø150	BT50 / Ø190	BT50 / Ø190	BT50 / Ø190
Spindle motor power	18.5/22 kW	18.5/22 kW	22/26 kW	22/26 kW
Maximum spindle speed	6000 rpm	6000 rpm	6000 rpm	6000 rpm
Rapid traverse	15000 (X/Y) / 12000 (Z) mm/min	15000 (X/Y) / 12000 (Z) mm/min	15000 (X/Y) / 12000 (Z) mm/min	15000 (X/Y) / 12000 (Z) mm/min
Cutting feed rate	1-5000 mm/min	1-5000 mm/min	1-5000 mm/min	1-5000 mm/min
Feed motor torque (X/Y/Z)	25/32/25 N·m	32/40/32 N·m	32/40/32 N·m	27/30/30 N·m
Spindle nose to table surface	170-870 mm	170-870 mm	160-960 mm	160-960 mm
Maximum tool diameter	Ø112 / Ø200 mm	Ø112 / Ø200 mm	Ø112 / Ø200 mm	Ø112 / Ø200 mm
Positioning accuracy	±0.01 mm	±0.01 mm	±0.01 mm	±0.01 mm
Repeatability	±0.0075 mm	±0.0075 mm	±0.0075 mm	±0.0075 mm
Machine weight	13000 kg	14000 kg	15000 kg	17000 kg

Full model details, options and pricing: www.suntoncnc.com

Vertical Machining Center SV-1370

SV Series



MODELS IN THIS SERIES

SV-1270 • SV-1370

SUNTON SV-1370 vertical machining center: 1400 x 700 mm table, 1300/700/700 mm travels, 8000 rpm spindle in BT40 (E) or BT50 (B) versions.

KEY SPECIFICATIONS

Specification	SV-1270	SV-1370
Table size	1400 × 700 mm	1400 × 700 mm
X / Y / Z travel	1200 / 700 / 600 mm	1300 / 700 / 700 mm
Maximum table load	1000 kg (E) / 1200 kg (B)	1200 kg (E) / 1400 kg (B)
T-slot	5-18-125 mm	5-22-140 mm
Spindle taper	BT40 (E) / BT50 (B)	BT40 (E) / BT50 (B)
Spindle motor power	11/15 kW	11/15 kW (E) / 15/18.5 kW (B)
Maximum spindle speed	8000 rpm	8000 rpm
Rapid traverse	20000 (X/Y) / 16000 (Z) mm/min	20000 (X/Y) / 16000 (Z) mm/min
Feed motor torque (X/Y/Z)	18/18/25 N·m (E) / 25/25/25 N·m (B)	18/18/25 N·m (E) / 25/25/25 N·m (B)
Spindle nose to table surface	140-740 mm	160-860 mm
Maximum tool diameter	Ø78 / Ø120 mm (E) / Ø112 / Ø200 mm (B)	Ø78 / Ø120 mm (E) / Ø112 / Ø200 mm (B)
Maximum tool weight	8 kg (E) / 18 kg (B)	8 kg (E) / 18 kg (B)
Positioning accuracy	±0.0075 mm	±0.0075 mm
Repeatability	±0.005 mm	±0.005 mm
Machine weight	7500 kg (E) / 9500 kg (B)	8000 kg (E) / 10000 kg (B)
Overall dimensions	3400 × 2480 × 2960 mm	3870 × 3165 × 2920 mm

Full model details, options and pricing: www.suntoncnc.com

Vertical Machining Center SV-850

SV Series



MODELS IN THIS SERIES

SV-850 • SV-1055 • SV-1260

SUNTON SV-850 vertical machining center: BT40 spindle at 8000 rpm, rapid traverse 24/24/18 m/min, in E and B versions plus SV-1055/1260.

KEY SPECIFICATIONS

Specification	SV-850	SV-1055	SV-1260
Table size	800 × 500 mm (E) / 1000 × 500 mm (B)	1200 × 600 mm	1400 × 600 mm
X / Y / Z travel	800 / 500 / 500 mm (E) / 900 / 500 / 500 mm (B)	1000 / 550 / 550 mm	1200 / 600 / 600 mm
Maximum table load	500 kg (E) / 600 kg (B)	800 kg	1000 kg
T-slot	3-18-125 mm (E) / 5-18-95 mm (B)	5-18-95 mm	5-18-125 mm
Spindle taper	BT40	BT40	BT40
Spindle motor power	7.5/11 kW	11/15 kW	11/15 kW
Maximum spindle speed	8000 rpm	8000 rpm	8000 rpm
Rapid traverse (X/Y/Z)	24 / 24 / 18 m/min	24 / 24 / 18 m/min	20 / 20 / 18 m/min
Cutting feed rate	1-8000 mm/min	1-8000 mm/min	1-8000 mm/min
Spindle nose to table surface	130-630 mm	130-680 mm	140-740 mm
Spindle centre to column surface	525 mm (E) / 560 mm (B)	600 mm	650 mm
Maximum tool diameter	Ø90 mm	Ø78 / Ø120 mm	Ø78 / Ø120 mm
Positioning accuracy	±0.0075 mm	±0.0075 mm	±0.0075 mm
Repeatability	±0.005 mm	±0.005 mm	±0.005 mm
Machine weight	4200 kg (E) / 5200 kg (B)	6500 kg	7200 kg
Overall dimensions	2600 × 2300 × 2800 mm (E) / 2900 × 2400 × 2800 mm (B)	3200 × 2400 × 2800 mm	3400 × 2480 × 2960 mm

Full model details, options and pricing: www.suntoncnc.com

Machining Center SV-550

SV Series



MODELS IN THIS SERIES

SV-430 • SV-550 • SV-650 • SV-750

SUNTON SV-550 machining center: 700 x 350 mm table, 550/350/500 mm travels, BT40 spindle at 8000 rpm, compact footprint for small parts.

KEY SPECIFICATIONS

Specification	SV-430	SV-550	SV-650	SV-750
Table size	700 x 300 mm	700 x 350 mm	900 x 400 mm	900 x 450 mm
X / Y / Z travel	430 / 300 / 450 mm	550 / 350 / 500 mm	650 / 400 / 500 mm	700 / 500 / 500 mm
Maximum table load	200 kg	300 kg	400 kg	450 kg
T-slot	3-16-110 mm	3-18-125 mm	3-18-130 mm	3-18-130 mm
Spindle taper	BT40	BT40	BT40	BT40
Spindle motor power	3.7 kW (servo)	5.5 kW	5.5/7.5 kW	5.5/7.5 kW
Maximum spindle speed	8000 rpm	8000 rpm	8000 rpm	8000 rpm
Rapid traverse (X/Y/Z)	10 / 10 / 8 m/min	24 / 24 / 20 m/min	24 / 24 / 20 m/min	24 / 24 / 20 m/min
Cutting feed rate	1-10 m/min	1-10 m/min	1-10 m/min	1-10 m/min
Spindle nose to table surface	100-550 mm	100-600 mm	120-620 mm	130-630 mm
Spindle centre to column surface	383 mm	419 mm	481 mm	520 mm
Maximum tool diameter	Ø90 mm	Ø90 mm	Ø90 mm	Ø90 mm
Positioning accuracy	±0.008 mm	±0.008 mm	±0.008 mm	±0.008 mm
Repeatability	±0.005 mm	±0.005 mm	±0.005 mm	±0.005 mm
Machine weight	2500 kg	3000 kg	4000 kg	4200 kg
Overall dimensions	1870 x 1600 x 2000 mm	2020 x 1870 x 2170 mm	2300 x 1950 x 2450 mm	2400 x 2050 x 2450 mm

Full model details, options and pricing: www.suntoncnc.com

High-speed Machining Center LV-1055

LV Series



MODELS IN THIS SERIES

LV-650 · LV-750 · LV-850 · LV-1055

SUNTON LV-1055 high-speed machining center: 1100 x 520 mm table, 1000/550/550 mm travels, BT40 spindle at 12000 rpm, 48 m/min rapids.

KEY SPECIFICATIONS

Specification	LV-650	LV-750	LV-850	LV-1055
Table size	900 × 400 mm	1000 × 450 mm	1050 × 500 mm	1100 × 520 mm
X / Y / Z travel	650 / 400 / 500 mm	700 / 500 / 500 mm	800 / 500 / 500 mm	1000 / 550 / 550 mm
Maximum table load	400 kg	400 kg	400 kg	800 kg
Spindle taper	BT40 / Ø120	BT40 / Ø120	BT40 / Ø150	BT40 / Ø150
T-slot	3-18-130 mm	3-18-130 mm	3-18-125 mm	5-18-100 mm
Spindle motor power	5.5/7.5 kW	5.5/7.5 kW	5.5/7.5 kW	7.5 kW
Maximum spindle speed	12000 rpm	12000 rpm	12000 rpm	12000 rpm
Rapid traverse (X/Y/Z)	48 / 48 / 48 m/min	48 / 48 / 48 m/min	48 / 48 / 48 m/min	48 / 48 / 36 m/min
X/Y/Z ball screw specification	3216	3216	4016	4016
Spindle nose to table surface	110-610 mm	110-610 mm	110-610 mm	120-650 mm
Spindle centre to column surface	460 mm	510 mm	560 mm	600 mm
Maximum tool diameter	Ø78 / Ø120 mm	Ø78 / Ø120 mm	Ø78 / Ø120 mm	Ø78 / Ø120 mm
Positioning accuracy	±0.005 mm	±0.005 mm	±0.005 mm	±0.005 mm
Repeatability	±0.003 mm	±0.003 mm	±0.003 mm	±0.003 mm
Machine weight	3500 kg	3800 kg	4200 kg	6500 kg
Overall dimensions	2200 × 2060 × 2600 mm	2400 × 2260 × 2700 mm	2600 × 2360 × 2800 mm	3100 × 2360 × 2800 mm

Full model details, options and pricing: www.suntoncnc.com

Heavy-cutting Machining Center XHC715A

XHC Series



MODELS IN THIS SERIES

XHC715A · XHC715

SUNTON XHC715A heavy-cutting machining center: 1600 x 500 mm table, 1000/500/580 mm travels, BT50 spindle, 900 kg table load, 16-tool ATC.

KEY SPECIFICATIONS

Specification	XHC715A	XHC715
Table size	1600 × 500 mm	1600 × 500 mm
X / Y / Z travel	1000 / 500 / 580 mm	1000 / 500 / 580 mm
Spindle nose to table surface	140-720 mm	140-720 mm
Spindle centre to column surface	520 mm	520 mm
Rapid traverse	15000 (X/Y) / 12000 (Z) mm/min	15000 (X/Y) / 12000 (Z) mm/min
Cutting feed rate	1-5000 mm/min	1-5000 mm/min
Maximum table load	900 kg	600 kg
T-slot	5-18-80 mm	5-18-80 mm
Spindle taper	BT50	BT50
Spindle motor power	11 kW	11 kW
Maximum spindle speed	80-2400 rpm	80-2400 rpm
Tool magazine capacity	16 pcs	—
Maximum tool diameter	Ø200 mm	—
Maximum tool weight	18 kg	—
Machine weight	6900 kg	6500 kg
Overall dimensions	3500 × 2450 × 2400 mm	3500 × 2450 × 2400 mm

Full model details, options and pricing: www.suntoncnc.com

Horizontal Machining Center SH-800P

SH Series



MODELS IN THIS SERIES

SH-400P · SH-500P · SH-630P · SH-800P

SUNTON SH-800P horizontal machining center: 800 x 800 mm rotary table, 1350/1100/1100 mm travels, BT50 spindle, 2500 kg table load.

KEY SPECIFICATIONS

Specification	SH-400P	SH-500P	SH-630P	SH-800P
Rotary table size	400 × 400 mm	400 × 400 mm	630 × 630 mm	800 × 800 mm
X / Y / Z travel	600 / 600 / 600 mm	600 / 600 / 600 mm	1000 / 850 / 800 mm	1350 / 1100 / 1100 mm
Spindle nose to table surface	71-700 mm	71-700 mm	120-970 mm	150-1250 mm
Spindle centre to table surface	0-600 mm	0-600 mm	175-975 mm	50-1150 mm
Rapid traverse (X/Y/Z)	24 / 24 / 20 m/min	24 / 24 / 20 m/min	24 / 24 / 20 m/min	20 / 20 / 20 m/min
Cutting feed rate	1-5000 mm/min	1-5000 mm/min	1-5000 mm/min	1-5000 mm/min
Maximum table load	400 kg	400 kg	800 kg	2500 kg
Rotary table accuracy (positioning / repeatability)	±5" / ±2"	±5" / ±2"	±5" / ±2"	±5" / ±2"
Spindle taper	BT40/BT50	BT40/BT50	BT50	BT50
Spindle motor power	11 kW	11 kW	22 kW	22 kW
Maximum spindle speed	6000/8000/12000 rpm	6000/8000/12000 rpm	6000 rpm	6000 rpm (2-gear)
Tool magazine	24 pcs, disc type	24 pcs, disc type	24 pcs, disc type	24 pcs, disc type
Maximum tool diameter	Ø78 / Ø120 mm	Ø112 / Ø200 mm	Ø112 / Ø200 mm	Ø112 / Ø200 mm
Tool change time	2.3/4 sec	2.3/4 sec	4 sec	4 sec
Machine weight	6000 kg	6000 kg	12000 kg	18000 kg
Overall dimensions	2500 × 2150 × 2050 mm	2500 × 2150 × 2050 mm	3200 × 3500 × 2700 mm	5373 × 3535 × 3177 mm

Full model details, options and pricing: www.suntoncnc.com

CNC Milling Machine XK7136

XK Series



MODELS IN THIS SERIES

XK7130 · XK7132 · XK7135 · XK7136

SUNTON XK7136 CNC milling machine: 1250 x 360 mm table, 900/360/500 mm travels, BT40 spindle at 8000 rpm, hard-track bed-type design.

KEY SPECIFICATIONS

Specification	XK7130	XK7132	XK7135	XK7136
Table size	800 × 300 mm	900 × 320 mm	1000 × 350 mm	1250 × 360 mm
X / Y / Z travel	550 / 320 / 400 mm	620 / 340 / 500 mm	650 / 360 / 500 mm	900 / 360 / 500 mm
Spindle nose to table surface	50–450 mm	100–600 mm	100–600 mm	100–600 mm
Spindle centre to column surface	340 mm	360 mm	400 mm	460 mm
Rapid traverse	12000 mm/min	12000 mm/min	12000 mm/min	6000 / 6000 / 4000 mm/min
Cutting feed rate	1–6000 mm/min	1–6000 mm/min	1–6000 mm/min	1–10000 mm/min
Maximum table load	—	400 kg	400 kg	360 kg
Spindle speed	8000 rpm	8000 rpm	8000 rpm	8000 rpm
Spindle motor power	3.7 kW	3.7 kW	3.7 kW	5.5 kW
Spindle taper	BT40	BT40	BT40	BT40
Positioning accuracy	0.02 mm	0.02 mm	0.02 mm	0.04 mm
Repeatability	0.15 mm	0.015 mm	0.015 mm	0.02 mm
Machine weight	2000 kg	2500 kg	2600 kg	2800 kg
Overall dimensions	1500 × 1800 × 2300 mm	2300 × 1800 × 2300 mm	2220 × 1850 × 2280 mm	2380 × 1900 × 2350 mm

Full model details, options and pricing: www.suntoncnc.com

CNC Universal Milling Machine XK7160WT

XK Series



MODELS IN THIS SERIES

XK7160WT

SUNTON XK7160WT CNC universal milling machine: 2200 x 600 mm table, 1600 x 850 mm table travel, ISO50 spindle, 11 kW spindle motor.

KEY SPECIFICATIONS

Specification	XK7160WT
Table size	2200 × 600 mm
T-slot (pitch × width × number)	120 × 20 × 5 mm
Table travel	1600 × 850 mm
Feed rate (longitudinal & transverse)	10–3000 mm/min
Feed rate (vertical, Z)	10–2000 mm/min
Spindle nose to table surface (vertical spindle)	100–850 mm
Spindle centre to table surface (horizontal axis)	108–858 mm
Spindle centre to column surface	800 mm
Spindle speed range	12 steps, 25–1400 rpm
Spindle taper	7:24 ISO50
Spindle motor power	11 kW
Feed motor torque (X/Y/Z)	27 / 27 / 27
Cooling pump motor power	125 W
Overall dimensions	2500 × 2600 × 2710 mm
Machine weight	8600 kg

Full model details, options and pricing: www.suntoncnc.com

Powerful CNC Milling Machine XK7150

XK Series



MODELS IN THIS SERIES

XK7150 · XK7140

SUNTON XK7150 powerful CNC milling machine: 2000 x 500 mm table, 1500/500/500 mm travels, ISO50 spindle, 7.5 kW spindle motor.

KEY SPECIFICATIONS

Specification	XK7150	XK7140
X / Y / Z travel	1500 / 500 / 500 mm	1000 / 450 / 500 mm
Table size	2000 × 500 mm	1600 × 420 mm
Maximum table load	1000 kg	1000 kg
T-slot	5-18-100 mm	3-18-125 mm
Spindle taper	7:24 ISO50	7:24 ISO50
Spindle motor power	7.5 kW	4 kW
Spindle speed steps	12 steps	8 steps
Spindle speed range	25-1400 rpm	71-1770 rpm
Rapid traverse	10000 (X/Y) / 8000 (Z) mm/min	10000 (X/Y) / 8000 (Z) mm/min
Cutting feed rate	1-5000 mm/min	1-5000 mm/min
Spindle nose to table surface	150-650 mm	120-620 mm
Spindle centre to column surface	520 mm	460 mm
Machine weight	5200 kg	3600 kg
Overall dimensions	2400 × 2200 × 2500 mm	2200 × 2000 × 2450 mm

Full model details, options and pricing: www.suntoncnc.com

CNC Vertical Milling Machine XK5040

XK Series



MODELS IN THIS SERIES

XK5032 · XK5040

SUNTON XK5040 CNC vertical milling machine: 1700 x 400 mm table, 920/350/450 mm travels, ISO50 spindle, 11 kW spindle motor.

KEY SPECIFICATIONS

Specification	XK5032	XK5040
Table size	1320 × 320 mm	1700 × 400 mm
Table travel (X/Y/Z)	800 × 280 × 350 mm	920 × 350 × 450 mm
T-slot	3-18-70 mm	3-18-90 mm
Spindle taper	ISO50	ISO50
Maximum table load	320 kg	500 kg
Spindle nose to table surface	40-390 mm	50-500 mm
Spindle centre to column surface	350 mm	450 mm
Rapid traverse (X/Y/Z)	6000 / 6000 / 3000 mm/min	6000 / 6000 / 3000 mm/min
Feed rate (X/Y (Z))	6-3200 (3-1600) mm/min	6-3200 (3-1600) mm/min
Vertical milling head max. swivel angle	±45°	±45°
Spindle speed range	30-1500 rpm (18 steps)	30-1500 rpm (18 steps)
Spindle motor power	7.5 kW	11 kW
Feed motor torque (X/Y / Z)	12 / 22 N·m	12 / 22 N·m
Maximum spindle torque	1000 N·m	1000 N·m
Overall dimensions	1929 × 2055 × 1960 mm	2310 × 2200 × 2394 mm
Machine weight	2800 kg	3850 kg

Full model details, options and pricing: www.suntoncnc.com

CNC Horizontal Milling Machine XK6140

XK Series



MODELS IN THIS SERIES

XK6132 · XK6140

SUNTON XK6140 CNC horizontal milling machine: 1700 x 400 mm table, 920/380/350 mm travels, ISO50 spindle, 11 kW spindle motor.

KEY SPECIFICATIONS

Specification	XK6132	XK6140
Table size	1320 × 320 mm	1700 × 400 mm
T-slot	3-18-70 mm	3-18-90 mm
Table travel (X/Y/Z)	800 × 350 × 280 mm	920 × 380 × 350 mm
Maximum table load	320 kg	500 kg
Spindle centre to table surface	20-370 mm	30-410 mm
Bed vertical guideway to table centre distance	225-505 mm	275-625 mm
Rapid traverse	6000 / 3000 / 6000 mm/min	6000 / 3000 / 6000 mm/min
Feed rate	6-3200 / 3-1600 / 6-3200 mm/min	6-3200 / 3-1600 / 6-3200 mm/min
Spindle taper	ISO50	ISO50
Spindle speed range	30-1500 rpm (18 steps)	30-1500 rpm (18 steps)
Spindle motor power	7.5 kW	11 kW
Feed motor torque (X/Y / Z)	12 / 22 N·m	12 / 22 N·m
Maximum spindle torque	1000 N·m	1000 N·m
Overall dimensions	1929 × 2055 × 1960 mm	2310 × 2200 × 2394 mm
Machine weight	2800 kg	4250 kg

Full model details, options and pricing: www.suntoncnc.com

CNC Milling Machine XK7125

XK Series



MODELS IN THIS SERIES

XK7125 · XK7120

SUNTON XK7125 CNC milling machine: 800 x 240 mm table, 450/260/380 mm travels, BT30 spindle at 6000 rpm, compact 950 kg machine.

KEY SPECIFICATIONS

Specification	XK7125	XK7120
Spindle motor power	2.2 kW	1.1 kW
Maximum spindle speed	6000 rpm	3000 rpm
Feed motor torque (X/Y/Z)	6 / 6 / 7.7 N·m	4 / 4 / 6 N·m
Spindle taper	BT30 (optional ISO40)	BT30
Table size	800 × 240 mm	650 × 180 mm
Travel (X/Y/Z)	450 × 260 × 380 mm	300 × 130 × 220 mm
Spindle centre to column surface	330 mm	230 mm
Spindle nose to table surface	50–430 mm	35–270 mm
Rapid traverse (X/Y/Z)	6 / 5 / 4 m/min	—
Spindle axis perpendicularity to table surface	≤0.02 mm	≤0.02 mm
Positioning accuracy	0.02 mm	0.02 mm
Repeatability	0.01 mm	0.01 mm
Overall dimensions	1200 × 1500 × 2100 mm	1000 × 850 × 1470 mm
Machine weight	950 kg	620 kg

Full model details, options and pricing: www.suntoncnc.com

CNC Milling Machine XCK6328

XCK Series



MODELS IN THIS SERIES

XCK6328

SUNTON XCK6328 CNC milling machine: 800 x 280 mm table, 300/230/300 mm travels, max. slotting stroke 165 mm, with CNC indexing head.

KEY SPECIFICATIONS

Specification	XCK6328
Table size	800 × 280 mm
T-slot	3 / 14 / 70
Table travel (X/Y/Z)	300 × 230 × 300 mm
Maximum slotting stroke	165 mm
Stroke adjustment range	65–165 mm
Maximum number of round trips	≤100 strokes/min (stroke >100); ≤125 strokes/min (stroke <100)
Round trip times and series	40–150
Spindle speed range	40–1300 rpm
Slotting head rotation angle	±90°
Spindle motor power	2.2 kW
Feed motor power	1.5 kW, 6 N·m
Feed motor connection	Precision coupling
Machine weight	1600 kg

Full model details, options and pricing: www.suntoncnc.com

Engraving And Milling Machine SD-1620

SD Series



MODELS IN THIS SERIES

SD-1012 · SD-1216 · SD-1620 · SD-8010

SUNTON SD-1620 engraving & milling machine: 1600 x 2000 mm table, 1600/2000/560 mm travels, 7.5 kW BT40 spindle at 12000 rpm.

KEY SPECIFICATIONS

Specification	SD-1012	SD-1216	SD-1620	SD-8010
Table size	1000 × 1200 mm	1200 × 1600 mm	1600 × 2000 mm	820 × 1020 mm
X / Y / Z travel	1000 / 1200 / 500 mm	1200 / 1600 / 500 mm	1600 / 2000 / 560 mm	820 / 1000 / 350 mm
Spindle specification (power / taper - speed)	7.5 kW, BT40-Ø150, 12000 rpm	7.5 kW, BT40-Ø150, 12000 rpm	7.5 kW, BT40-Ø150, 12000 rpm	7.5 kW, Ø125, 24000 rpm
Gantry width	1220 mm	1420 mm	1800 mm	900 mm
Spindle nose to table surface	130-630 mm	130-630 mm	130-690 mm	140-490 mm
T-slot	6-22 × 160 mm	7-22 × 160 mm	8-22 × 160 mm	5-18 × 160 mm
X/Y/Z ball screw specification	40 mm	40 mm	40, 50, 40 mm	32 mm
Rapid traverse (X/Y/Z)	18 m/min	15 m/min	15 m/min	18 m/min
X/Y/Z linear guideway specification	45 mm	45 mm	55 mm	35 mm
Feed motor torque (X/Y/Z)	15.1, 18.6, 15.1 N·m	15.1, 18.6, 15.1 N·m	18.6, 28.4, 18.6 N·m	8.34, 11.5, 11.5 N·m
Positioning accuracy	±0.008/300 mm	±0.008/300 mm	±0.008/300 mm	±0.008/300 mm
Repeatability	±0.005/300 mm	±0.005/300 mm	±0.005/300 mm	±0.005/300 mm
Maximum table load	1000 kg	1200 kg	1400 kg	800 kg
Machine weight (approx.)	8 T	10 T	16 T	5.8 T

Full model details, options and pricing: www.suntoncnc.com

Engraving And Milling Machine SD-860

SD Series



MODELS IN THIS SERIES

SD-550 · SD-650 · SD-860 · SD-7080

SUNTON SD-860 engraving & milling machine: 600 x 800 mm table, 600/800/300 mm travels, 5.5 kW spindle at 24000 rpm for fine detail work.

KEY SPECIFICATIONS

Specification	SD-550	SD-650	SD-860	SD-7080
Table size	500 × 500 mm	500 × 600 mm	600 × 800 mm	720 × 860 mm
X / Y / Z travel	500 / 500 / 250 mm	500 / 600 / 300 mm	600 / 800 / 300 mm	720 / 800 / 350 mm
Spindle specification (power / diameter - speed)	4.5 kW, Ø110, 24000 rpm	5.5 kW, Ø125, 24000 rpm	5.5 kW, Ø125, 24000 rpm	5.5 kW, Ø125, 24000 rpm
Gantry width	560 mm	560 mm	680 mm	800 mm
Spindle nose to table surface	140-390 mm	90-390 mm	100-400 mm	100-450 mm
T-slot	5-12 × 85 mm	5-14 × 100 mm	5-18 × 160 mm	5-18 × 160 mm
X/Y/Z ball screw specification	32 mm	32 mm	32 mm	32 mm
Rapid traverse (X/Y/Z)	24 m/min	24 m/min	18 m/min	18 m/min
X/Y/Z linear guideway specification	30 mm	30 mm	35 mm	35 mm
Feed motor torque (X/Y/Z)	5.39, 8.34, 5.39 N·m	5.39, 8.34, 5.39 N·m	8.34 N·m	8.34 N·m
Positioning accuracy	±0.008/300 mm	±0.008/300 mm	±0.008/300 mm	±0.008/300 mm
Repeatability	±0.005/300 mm	±0.005/300 mm	±0.005/300 mm	±0.005/300 mm
Maximum table load	300 kg	400 kg	500 kg	600 kg
Machine weight (approx.)	2.5 T	3 T	4 T	4.5 T

Full model details, options and pricing: www.suntoncnc.com

Vertical Lathe CK5110

VTL Series



MODELS IN THIS SERIES

CK518 · CK5110

CK5110 vertical lathe: 1000 mm maximum cutting diameter, 850 mm worktable, 800 mm workpiece height, 1500 kg workpiece weight, 15 kW motor.

KEY SPECIFICATIONS

Specification	CK518	CK5110
Maximum Cutting Workpiece Diameter	800 mm	1000 mm
Worktable Diameter	700 mm	850 mm
Maximum Workpiece Height	800 mm	800 mm
Maximum Workpiece Weight	1500 kg	1500 kg
Worktable Speed Range	30-200 r/min	25-200 r/min
Feed Range	0.25-90 mm/min	0.25-90 mm/min
Crossrail Travel	500 mm	800 mm
Tool Post Stroke (Horizontal / Vertical)	500 / 450 mm	600 / 450 mm
Crossrail Movement Speed	350 mm/min	350 mm/min
Tool Holder Size	30 × 40 mm	30 × 40 mm
Main Motor Power	15 kW	15 kW
Overall Dimensions	1700 × 2100 × 2600 mm	2150 × 2100 × 2600 mm

Full model details, options and pricing: www.suntoncnc.com

Vertical Lathe CK5116A

VTL Series



MODELS IN THIS SERIES

C5112A / CK5112A · C5116A / CK5116A

CK5116A vertical lathe: 1600 mm turning diameter at the vertical tool post, 1400 mm worktable, 5 T workpiece weight, 30 kW main motor.

KEY SPECIFICATIONS

Specification	C5112A / CK5112A	C5116A / CK5116A
Maximum Turning Diameter — Vertical Tool Post	1200 mm	1600 mm
Maximum Turning Diameter — Side (Ram) Head	1100 mm	1400 mm
Worktable Diameter	1000 mm	1400 mm
Maximum Workpiece Height	1000 mm	1200 mm
Maximum Workpiece Weight	3.2 T	5 T
Worktable Speed Range	6.3–200 r/min	5–160 r/min
Ram Head Feed Range	0.8–86 mm	0.8–86 mm
Maximum Cutting Force — Vertical Tool Post	2000 kg	2500 kg
Total Cutting Force	3500 kg	4000 kg
Maximum Torque	1750 kg·m	2500 kg·m
Tool Post Stroke (Horizontal / Vertical)	700 / 650 mm	916 / 800 mm
Ram Head Stroke (Horizontal / Vertical)	630 / 900 mm	630 / 900 mm
Crossrail Travel	650 mm	650 mm
Main Motor Power	22 kW	30 kW
Overall Dimensions	2360 × 2277 × 3100 mm	2660 × 2665 × 3528 mm
Machine Weight	8000 kg	12500 kg

Full model details, options and pricing: www.suntoncnc.com

Vertical Lathe CK5126A

VTL Series



MODELS IN THIS SERIES

C/CK5120A · C/CK5126A

CK5126A vertical lathe: 2600 mm turning diameter at the vertical tool post, 2200 mm worktable, 8 T workpiece weight, 30 kW main motor.

KEY SPECIFICATIONS

Specification	C/CK5120A	C/CK5126A
Maximum Turning Diameter — Vertical Tool Post	2000 mm	2600 mm
Maximum Turning Diameter — Ram Head	1800 mm	2400 mm
Worktable Diameter	1800 mm	2200 mm
Maximum Workpiece Height	1250 mm	1400 mm
Maximum Workpiece Weight	8 T	8 T
Worktable Speed Range	3.2-100 r/min	2.2-70 r/min
Ram Head Feed Range	0.8-86 mm	0.8-86 mm
Maximum Cutting Force — Vertical Tool Post	2500 kg	2500 kg
Total Cutting Force	4000 kg	4000 kg
Maximum Torque	3200 kg·m	3200 kg·m
Tool Post Stroke (Horizontal / Vertical)	1115 / 800 mm	1400 / 800 mm
Ram Head Stroke (Horizontal / Vertical)	630 / 1150 mm	630 / 1150 mm
Crossrail Travel	890 mm	1090 mm
Main Motor Power	30 kW	30 kW
Overall Dimensions	3135 × 3070 × 3100 mm	3780 × 3680 × 4100 mm
Machine Weight	17500 kg	20000 kg

Full model details, options and pricing: www.suntoncnc.com

Vertical Lathe CK5250

VTL Series



MODELS IN THIS SERIES

C/CK5240 · C/CK5250

CK5250 vertical lathe: 5000 mm maximum cutting diameter, 4000 mm worktable, 2500 mm workpiece height, 75 kW main motor, 95000 kg weight.

KEY SPECIFICATIONS

Specification	C/CK5240	C/CK5250
Maximum Cutting Workpiece Diameter	4000 mm	5000 mm
Worktable Diameter	3150 mm	4000 mm
Maximum Workpiece Height	2000 mm	2500 mm
Maximum Cutting Force — Right Tool Post	—	—
Maximum Cutting Force — Left Tool Post	—	—
Worktable Speed Range	2–63 r/min	0.42–42 r/min
Feed Range	0.25–90 mm/min	0.05–200 mm/min
Crossrail Travel	1650 mm	2230 mm
Tool Post Stroke (Horizontal / Vertical)	2170 / 1000 mm	2740 / 1600 mm
Crossrail Movement Speed	350 mm/min	410 mm/min
Tool Post Rapid Movement Speed	1560 mm/min	2500 mm/min
Maximum Tool Post Swivel Angle	±30°	—
Tool Holder Size	40 × 50 mm	60 × 60 mm
Main Motor Power	55 kW	75 kW
Overall Dimensions	6680 × 5010 × 5080 mm	10010 × 6865 × 8455 mm
Machine Weight	53800 kg	95000 kg

Full model details, options and pricing: www.suntoncnc.com

CNC Gantry Drilling Machine ZK3025

ZK Series



MODELS IN THIS SERIES

ZK1000 · ZK1500 · ZK2015 · ZK2000 · ZK3025

ZK3025 CNC gantry drilling machine: 3200 x 2500 mm table, 3000/2500 mm X/Y travel, 40 (50) mm drilling capacity, 350 Nm spindle torque.

KEY SPECIFICATIONS

Specification	ZK1000	ZK1500	ZK2015	ZK2000	ZK3025
Maximum Drilling Diameter	40 (50) mm	40 (50) mm	40 (50) mm	40 (50) mm	40 (50) mm
Maximum Feed Resistance	16000 N	16000 N	16000 N	16000 N	16000 N
Spindle Torque	350 Nm	350 Nm	350 Nm	350 Nm	350 Nm
Spindle Taper	Morse 4 (5)	Morse 4 (5)	Morse 4 (5)	Morse 4 (5)	Morse 4 (5)
Spindle Motor Power	4 kW	4 kW	4 kW	4 kW	4 kW
Spindle Speed	31.5–1400 r/min	31.5–1400 r/min	31.5–1400 r/min	31.5–1400 r/min	31.5–1400 r/min
X-Axis Travel	1000 mm	1500 mm	2000 mm	2000 mm	3000 mm
Y-Axis Travel	1000 mm	1500 mm	1500 mm	2000 mm	2500 mm
Z-Axis Travel	250 mm	250 mm	250 mm	250 mm	250 mm
Table Size	1390 × 1140 mm	1700 × 1500 mm	2200 × 1500 mm	2200 × 2000 mm	3200 × 2500 mm
Positioning Accuracy (X, Y)	0.05/300 mm	0.05/300 mm	0.05/300 mm	0.05/300 mm	0.05/300 mm
Repeatability (X, Y)	0.02/300 mm	0.02/300 mm	0.02/300 mm	0.02/300 mm	0.02/300 mm
Overall Dimensions	2946 × 1900 × 2460 mm	3970 × 2260 × 2460 mm	5518 × 2260 × 2460 mm	5518 × 2760 × 2460 mm	6900 × 3260 × 2460 mm
Machine Weight	9000 kg	15900 kg	15900 kg	18500 kg	—

Full model details, options and pricing: www.suntoncnc.com

CNC Vertical Drilling Machine ZK5150C

ZK Series



MODELS IN THIS SERIES

ZK5140C · ZK5150C · ZK5140C/1 · ZK5150C/1 · ZK5140C/2 · ZK5150C/2 · ZK5140C/3 · ZK5150C/3 · ZK5140C/5 · ZK5150C/5

ZK5150C CNC vertical drilling machine from the ZK51 series: 50 mm drilling capacity, 400 Nm spindle torque, tables up to 1450 x 850 mm.

KEY SPECIFICATIONS

Specification	ZK5140C	ZK5150C	ZK5140C/1	ZK5150C/1	ZK5140C/2	ZK5150C/2
Maximum Drilling Diameter	40 mm	50 mm	40 mm	50 mm	40 mm	50 mm
Maximum Feed Resistance	16000	20000	16000	20000	16000	20000
Spindle Torque	350 Nm	400 Nm	350 Nm	400 Nm	350 Nm	400 Nm
Spindle Taper	Morse 4	Morse 5	Morse 4	Morse 5	Morse 4	Morse 5
Spindle Motor Power	3 kW	3 kW	3 kW	3 kW	3 kW	3 kW
Spindle Speed	31.5–1400 r/min	31.5–1400 r/min	31.5–1400 r/min	31.5–1400 r/min	31.5–1400 r/min	31.5–1400 r/min
Working Feed Rate (X / Y)	0.6–3000 mm/min	0.6–3000 mm/min	0.6–3000 mm/min	0.6–3000 mm/min	0.6–3000 mm/min	0.6–3000 mm/min
Spindle Head Travel	470 mm	470 mm	470 mm	470 mm	470 mm	470 mm
X-Axis Travel	600 mm	600 mm	600 mm	600 mm	600 mm	600 mm
Y-Axis Travel	400 mm	400 mm	600 mm	600 mm	400 mm	400 mm
Z-Axis Travel	250 mm	250 mm	250 mm	250 mm	250 mm	250 mm
Spindle Nose to Table Distance	0–650 mm	0–560 mm	0–650 mm	0–560 mm	0–650 mm	0–560 mm
Table Size	850 × 450 mm	850 × 450 mm	850 × 650 mm	850 × 650 mm	1250 × 650 mm	1250 × 650 mm
Positioning Accuracy (X, Y)	0.05 (0.04) mm	0.05 (0.04) mm	0.05 (0.04) mm	0.05 (0.04) mm	0.05 (0.04) mm	0.05 (0.04) mm
Repeatability (X, Y)	0.02 (0.015) mm	0.02 (0.015) mm	0.02 (0.015) mm	0.02 (0.015) mm	0.02 (0.015) mm	0.02 (0.015) mm
Overall Dimensions	1550 × 1530 × 2512 mm	1550 × 1530 × 2512 mm	1550 × 1740 × 2512 mm	1550 × 1740 × 2512 mm	1800 × 1854 × 2512 mm	1800 × 1854 × 2512 mm

Specification	ZK5140C/3	ZK5150C/3	ZK5140C/5	ZK5150C/5
Maximum Drilling Diameter	40 mm	50 mm	40 mm	50 mm
Maximum Feed Resistance	16000	20000	16000	20000
Spindle Torque	350 Nm	400 Nm	350 Nm	400 Nm
Spindle Taper	Morse 4	Morse 5	Morse 4	Morse 5
Spindle Motor Power	4 kW	4 kW	4 kW	4 kW
Spindle Speed	31.5–1400 r/min	31.5–1400 r/min	31.5–1400 r/min	31.5–1400 r/min
Working Feed Rate (X / Y)	0.6–3000 mm/min	0.6–3000 mm/min	0.6–3000 mm/min	0.6–3000 mm/min
Spindle Head Travel	470 mm	470 mm	470 mm	470 mm
X-Axis Travel	850 mm	850 mm	1200 mm	1200 mm
Y-Axis Travel	800 mm	800 mm	800 mm	800 mm
Z-Axis Travel	250 mm	250 mm	250 mm	250 mm
Spindle Nose to Table Distance	180–900 mm	90–810 mm	180–900 mm	90–810 mm
Table Size	1100 × 850 mm	1100 × 850 mm	1450 × 850 mm	1450 × 850 mm
Positioning Accuracy (X, Y)	0.05 (0.04) mm	0.05 (0.04) mm	0.05 (0.04) mm	0.05 (0.04) mm
Repeatability (X, Y)	0.02 (0.015) mm	0.02 (0.015) mm	0.02 (0.015) mm	0.02 (0.015) mm
Overall Dimensions	1700 × 2482 × 2885 mm	1700 × 2482 × 2885 mm	2000 × 2482 × 2885 mm	2000 × 2482 × 2885 mm

Full model details, options and pricing: www.suntoncnc.com

Drilling And Tapping Center HD-ZXK50A

HD-ZXK Series



MODELS IN THIS SERIES

HD-ZXK50 · HD-ZXK50A

HD-ZXK50A drilling and tapping center: 1000 x 545 mm table, 850/650/600 mm travel, BT40 spindle, 350 Nm maximum spindle torque.

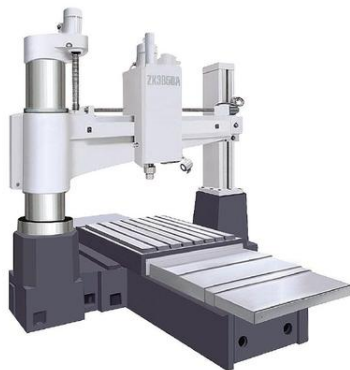
KEY SPECIFICATIONS

Specification	HD-ZXK50	HD-ZXK50A
Table Size	850 × 400 mm	1000 × 545 mm
T-Slot (Width × No.)	18 × 3 mm	18 × 3 mm
Spindle Taper	BT40	BT40
Spindle Speed	30–2000 r/min	30–2000 r/min
Spindle Motor Power	3.7–5.5 kW	—
Travel (X / Y / Z)	850 / 500 / 600 mm	850 / 650 / 600 mm
Spindle Nose to Table Distance	200–800 mm	200–800 mm
Spindle Center to Column Surface Distance	445 mm	500 mm
Rapid Traverse (X / Y / Z)	X, Y: 15; Z: 10 m/min	X, Y: 15; Z: 10 m/min
Spindle Torque	350 Nm	350 Nm
Maximum Feed Resistance	16000 N	16000 N
Positioning Accuracy	0.03/300 mm	0.03/300 mm
Repeatability	0.02/300 mm	0.02/300 mm
Machine Weight (NW / GW)	4 / 4.5 T	4 / 4.5 T
Overall Dimensions	188 × 249 × 265 cm	260 × 250 × 220 cm

Full model details, options and pricing: www.suntoncnc.com

CNC Gantry Drilling Machine ZK3850A

ZK Series



MODELS IN THIS SERIES

ZK3850A

ZK3850A CNC gantry drilling machine: 1000 x 1250 mm table, 1250/1000/270 mm travel, 1600 mm gantry width, 8000 kg machine weight.

KEY SPECIFICATIONS

Specification	ZK3850A
Table Size	1000 × 1250 mm
Maximum Table Load	1500
Travel (X / Y / Z)	1250 / 1000 / 270 mm
Spindle Torque	—
Spindle Speed	5-2000 rpm
Rapid Traverse (X / Y / Z)	—
Gantry Width	1600 mm
Machine Weight	8000 kg

Full model details, options and pricing: www.suntoncnc.com

CNC Bench Drilling Machine ZK2515

ZK Series



MODELS IN THIS SERIES

ZK2515 · ZK2515-13

SUNTON ZK2515 CNC bench drilling machines: 25 mm drilling capacity, MT3 spindle up to 2880 rpm, 0.035 mm positioning for batch plate and shell work.

KEY SPECIFICATIONS

Specification	ZK2515	ZK2515-13
Max. drilling capacity	25 mm	25 mm
X-axis travel	—	230 mm
Y-axis travel	—	180 mm
Z-axis travel	150 mm	150 mm
Spindle nose to table distance	130-680 mm	90-640 mm
Spindle centre to column distance	297.5 mm	297.5 mm
Table size	—	400 × 250 mm
T-slots (width × number × pitch)	18 × 2 × 200 mm	14 × 3 × 80 mm
Max. table load	50 kg	50 kg
Spindle motor power	2.2 kW	2.2 kW
Spindle speed	0-940 / 0-1440 / 0-2880 rpm (optional)	0-940 / 0-1440 / 0-2880 rpm (optional)
Spindle taper	MT3	MT3
Rapid traverse	4 m/min	8 / 8 / 4 m/min
Cutting feed rate	1.5 m/min	1.5 m/min
Positioning accuracy	0.035 mm	0.035 mm
Repeatability	0.02 mm	0.02 mm
Total power requirement	3 kW	5 kW
Overall dimensions	1.2 × 1.56 × 2.2 m	1.35 × 1.77 × 2.2 m
Machine weight (N.W.)	650 kg	900 kg

Full model details, options and pricing: www.suntoncnc.com

CNC Boring And Milling Machine TPX611C

TPX Series



MODELS IN THIS SERIES

TPX611C

TPX611C CNC boring and milling machine: 110 mm spindle, 1320 x 1010 mm table, 630 mm facing-head diameter, FANUC Oi MD CNC system.

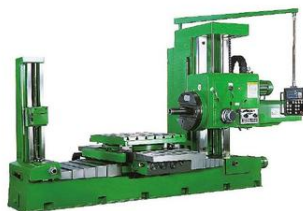
KEY SPECIFICATIONS

Specification	TPX611C
Spindle Diameter	110 mm
Table Size	1320 × 1010 mm
Maximum Table Load	2500 kg
Travel (X / Z / Y)	1250 / 1350 / 900 mm
Axial Travel of Boring Spindle (W)	550 mm
Maximum Boring Diameter	240 mm
Maximum Drilling Diameter	50 mm
Spindle Taper	BT50
Max. Processing Diameter of Facing Head	630 mm
Spindle Speed Range	12-1100 rpm
Rapid Traverse	5000 mm/min
Spindle Motor Power	11/15 kW
Positioning Accuracy	0.02/500 mm
Repeatability	0.014/500 mm
Overall Dimensions	5375 × 2995 × 3035 mm
Machine Weight	12300 kg

Full model details, options and pricing: www.suntoncnc.com

Horizontal Boring And Milling Machine TPX6111B

TPX Series



MODELS IN THIS SERIES

TPX6111B · TPX6111B/2 · TPX6111B/3 · TPX68

TPX6111B horizontal boring and milling machine: 110 mm spindle, tables up to 1250 x 1100 mm, X/Z travel up to 1600/1400 mm, plus TPX68.

KEY SPECIFICATIONS

Specification	TPX6111B	TPX6111B/2	TPX6111B/3
Table Size	1100 × 960 mm	1100 × 960 mm	1250 × 1100 mm
Table Travel (X / Z)	900 / 1000 mm	1250 / 1000 mm	1600 / 1400 mm
Spindle Box Vertical Stroke	900 mm	900 mm	1200 mm
Maximum Table Load	2500 kg	2500 kg	3000 kg
Spindle Diameter	110 mm	110 mm	110 mm
Axial Travel of Boring Spindle	600 mm	600 mm	600 mm
Spindle Taper (Bore)	MT6	MT6	MT6
Spindle Speed Range	8-1000 rpm	8-1000 rpm	8-1000 rpm
Facing Head Speed Range	4-200 rpm	4-200 rpm	4-200 rpm
Spindle Motor Power	7.5 kW	7.5 kW	7.5 kW
Rapid Traverse (X / Y / Z)	2500 mm/min	2500 mm/min	2500 mm/min
Overall Dimensions	4910 × 2454 × 2750 mm	4910 × 2454 × 2750 mm	5117 × 3359 × 3079 mm
Machine Weight	13000 kg	14500 kg	18000 kg

Specification	TPX68
Spindle Diameter	80 mm
Spindle Taper	Morse No. 5
Spindle Speed	25-530 rpm (9 steps)
Table Size	900 × 800 mm
Table Longitudinal Travel	1400 mm (without tailstock)
Table Lateral Travel	750 mm
Headstock Travel	650 mm

Specification	TPX68
Spindle Axial Travel	300 mm
Spindle Lifting Speed	216 mm/min
Overall Dimensions	2700 × 1600 × 2100 mm
Net Weight	5000 kg

Full model details, options and pricing: www.suntoncnc.com

CNC Lathe SL-6136

SL Series



MODELS IN THIS SERIES

SL-6130 · SL-6136

SL-6136 CNC lathe: 360 mm swing over bed, turning lengths up to 1500 mm, 48 mm spindle bore, 150-2200 r/min stepless spindle speed.

KEY SPECIFICATIONS

Specification	SL-6130	SL-6136
Max. Swing Diameter over Bed	Φ300 mm	Φ360 mm
Max. Turning Diameter over Carriage	Φ100 mm	Φ190 mm
Max. Turning Length	Collet 400 / Chuck 320 mm	750, 1000, 1500 mm
Spindle Nose	A2-5	A2-5
Spindle Bore	Φ48 mm	Φ48 mm
Repeatability (X / Z)	0.012/0.013 mm	0.012/0.013 mm
X-Axis Travel	300 mm	230 mm
Z-Axis Travel	380 mm	750, 1000, 1500 mm
Rapid Traverse (X / Z)	5 / 8 m/min	5 / 8 m/min
Spindle Speed	150-2200 r/min	150-2200 r/min
Tailstock Sleeve Taper	Morse No.4	Morse No.4
Tailstock Travel	100 mm	90 mm
Turret	4-station electric turret / gang tool holder optional	4-station electric turret / gang tool holder optional
Spindle Motor Power	4 kW	3 kW
Overall Dimensions	1620 × 1060 × 1600 mm	1480 × 800 × 1600 mm
Machine Weight	1220 kg	1300 kg

Full model details, options and pricing: www.suntoncnc.com

CNC Lathe SL-6140

SL Series



MODELS IN THIS SERIES

SL-6140

SL-6140 CNC lathe: 400 mm swing over bed, 83 mm spindle bore, 150-2000 r/min stepless spindle, 7.5 kW variable-frequency spindle motor.

KEY SPECIFICATIONS

Specification	SL-6140
Max. Swing Diameter over Bed	Φ400 mm
Max. Turning Diameter over Saddle	Φ200 mm
Max. Turning Length	750, 1000, 1500 mm
X / Z Axis Travel	—
Spindle Bore	Φ83 mm
Spindle Bore Taper	1:20 (large end Φ90)
Spindle Speed	150-2000 r/min (stepless)
Rapid Traverse (X / Z)	5/8
Turret	4-station electric turret
Tool Bar Size	20 × 20 mm
Turret Repeat Positioning Accuracy	≤0.004 mm
Tailstock Sleeve Diameter	Φ60 mm
Tailstock Travel	100 mm
Spindle Motor Power	7.5 kW
Overall Dimensions	2230 × 1280 × 1640 mm
Machine Weight	1560 kg

Full model details, options and pricing: www.suntoncnc.com

CNC Lathe SL-6180

SL Series



MODELS IN THIS SERIES

SL-6150 · SL-6163 · SL-6180

SL-6180 CNC lathe: 800 mm swing over bed, 100 mm spindle bore, turning lengths up to 3000 mm, 11 kW spindle motor, IT6-IT7 accuracy.

KEY SPECIFICATIONS

Specification	SL-6150	SL-6163	SL-6180
Max. Swing Diameter over Bed	500 mm	630 mm	800 mm
Max. Turning Diameter over Carriage	300 mm	350 mm	480 mm
Max. Turning Length	750, 1000, 1500 mm	1000, 1500 mm	1000, 1500, 3000 mm
Spindle Speed	50-1700 r/min	25-850 r/min	25-850 r/min
Spindle Bore	82 mm	100 mm	100 mm
Spindle Motor Power	7.5 kW	11 kW	11 kW
Positioning Accuracy (X / Z)	0.025/0.03 mm	0.025/0.03 mm	0.025/0.03 mm
Repeatability (X / Z)	0.01/0.015 mm	0.01/0.015 mm	0.01/0.015 mm
Machining Accuracy	IT6-IT7	IT6-IT7	IT6-IT7
Rapid Traverse (X)	3000 mm/min	4000 mm/min	4000 mm/min
Rapid Traverse (Z)	6000 mm/min	5000 mm/min	5000 mm/min
Tailstock Sleeve Diameter	75 mm	100 mm	100 mm
Tailstock Travel	180 mm	250 mm	250 mm
Turret	Electric vertical 4-station tool carrier	Electric vertical 4-station tool carrier	Electric vertical 4-station tool carrier
Overall Dimensions	2655 × 1520 × 1860 mm	3200 (3700) × 1820 × 1780 mm	3200 (3700) (5200) × 1820 × 1780 mm
Machine Weight	2300 kg	3400/3700 kg	3600/3900/5400 kg

Full model details, options and pricing: www.suntoncnc.com

Universal Milling Machine XA6140

XA Series



MODELS IN THIS SERIES

XA6132 / X62W · XA6140 / X63W

Universal milling machine XA6140 with 1700 x 400 mm table, 30-1500 rpm spindle and 11 kW motor for heavy-duty milling.

KEY SPECIFICATIONS

Specification	XA6132 / X62W	XA6140 / X63W
Table size	1320 × 320 mm	1700 × 400 mm
T-slot (No. x width x pitch)	3-18-70	3-18-90
Maximum table load	500 kg	800 kg
X travel, manual / auto	700/680 mm	900/880 mm
Y travel, manual / auto	255/240 mm	315/300 mm
Z travel, manual / auto	320/300 mm	380/360 mm
Cutting feed rate	X, Y: 23.5-1180; Z: 8-394 mm/min	X, Y: 23.5-1180; Z: 8-394 mm/min
Rapid traverse	X: 2300, Y: 2300, Z: 770 mm/min	X: 2300, Y: 2300, Z: 770 mm/min
Spindle speed range	30-1500 rpm	30-1500 rpm
Spindle speed steps	18	18
Table max. swivel angle	±45°	±45°
Spindle center to table distance	30-350 mm	30-410 mm
Spindle motor power	7.5 kW	11 kW
Overall dimensions	2294 × 1770 × 1665 mm	2560 × 2130 × 1800 mm
Machine weight	2650 kg	3850 kg

Full model details, options and pricing: www.suntoncnc.com

Vertical Milling Machine XA5040

XA Series



MODELS IN THIS SERIES

XA5032 / X52K · XA5040 / X53K

Vertical milling machine XA5040 with 1700 x 400 mm table, 30-1500 rpm spindle and 11 kW motor for precise vertical milling.

KEY SPECIFICATIONS

Specification	XA5032 / X52K	XA5040 / X53K
Table size	1320 × 320 mm	1700 × 400 mm
T-slot (No. x width x pitch)	3-18-70	3-18-90
Maximum table load	500 kg	800 kg
X travel, manual / auto	700/680 mm	900/880 mm
Y travel, manual / auto	255/240 mm	315/300 mm
Z travel, manual / auto	370/350 mm	385/365 mm
Cutting feed rate	X: 23.5–1180, Y: 15–786, Z: 8–394 mm/min	X, Y: 23.5–1180, Z: 8–394 mm/min
Rapid traverse	X: 2300, Y: 1533, Z: 770 mm/min	X: 2300, Y: 2300, Z: 770 mm/min
Spindle speed range	30–1500 rpm	30–1500 rpm
Spindle speed steps	18	18
Spindle travel	70	85
Spindle nose to table distance	60–430 mm	130–515 mm
Spindle motor power	7.5 kW	11 kW
Overall dimensions	2294 × 1770 × 1960 mm	2560 × 2130 × 2298 mm
Machine weight	2800 kg	4250 kg

Full model details, options and pricing: www.suntoncnc.com

Vertical Milling Machine X5032A

X Series



MODELS IN THIS SERIES

X5032A · X5032

Vertical milling machine X5032A with 1500 x 360 mm table, ISO50 spindle, 60-1800 rpm and 5.5 kW main motor.

KEY SPECIFICATIONS

Specification	X5032A	X5032
Spindle taper	7:24 ISO50	7:24 ISO50
Spindle nose to table distance	60-540 mm	60-420 mm
Spindle center to column surface distance	325 mm	320 mm
Spindle speed range	60-1800 rpm (12 steps)	40-1300 rpm (12 steps)
Vertical milling head turning angle	±30°	±30°
Table size	1500 × 360 mm	1500 × 320 mm
Table travel (longitudinal / transverse / vertical)	1000/380/450 mm	980/320/420 mm
Table feed rate, longitudinal / transverse	22-555 mm/min (8 steps)	22-555 mm/min (8 steps)
Table vertical lift speed	590 mm/min	590 mm/min
Main drive motor power	5.5 kW	3/4 kW
Table feed motor power	750 W	750 W
Lifting motor power	1100 W	1100 W
Cooling pump motor power	90 W	90 W
Cooling pump flow	25 L/min	25 L/min
Overall dimensions	2200 × 1900 × 2250 mm	1600 × 1700 × 1800 mm
Machine weight (net / gross)	3/2.8 t	2/2.1 t

Full model details, options and pricing: www.suntoncnc.com

Bed Milling Machine X7150A

X Series



MODELS IN THIS SERIES

X7150A

Bed milling machine X7150A with 2050 x 400 mm table, 1500/500 mm travel, ISO50 spindle and 7.5 kW motor.

KEY SPECIFICATIONS

Specification	X7150A
Table size	2050 × 400 mm
Table travel, longitudinal / transverse	1500/500 mm
Spindle taper	ISO50
Spindle nose to table distance, min.	100 mm
Spindle nose to table distance, max.	630 mm
Spindle center to column surface distance	280 mm
Spindle speed range	66-1440 rpm
Headstock rotation angle	±20°
Sleeve stroke	105 mm
Table feed range	Longitudinal, transverse 23.5-1180; vertical 11.75-590 mm/min (18 steps)
Spindle motor power	7.5 kW
Feed motor power	1500 W
Cooling pump motor power	90 W
Overall dimensions	2800 × 1860 × 2220 mm
Machine weight	4900 kg

Full model details, options and pricing: www.suntoncnc.com

Multifunctional Milling Machine X6036B

X Series



MODELS IN THIS SERIES

X6036A · X6036B · X5036A · X5036B

Multifunctional milling machine X6036B with 1500 x 360 mm table, ISO50 spindle and travels up to 1000 x 320 mm.

KEY SPECIFICATIONS

Specification	X6036A	X6036B	X5036A	X5036B
Spindle taper	7:24 ISO50	7:24 ISO50	7:24 ISO50	7:24 ISO50
Spindle nose to table distance	60–500 mm	60–500 mm	60–540 mm	60–540 mm
Spindle center to cantilever plane distance	175 mm	175 mm	325 mm	325 mm
Spindle speed range	60–1800 rpm (12 steps)	60–1800 rpm (12 steps)	60–1700 rpm (12 steps)	60–1700 rpm (12 steps)
Table size	1500 × 360 mm	1500 × 360 mm	1500 × 360 mm	1500 × 360 mm
Table travel	700 × 320 mm	1000 × 320 (1300 × 320) mm	700 × 320 (830 × 320) mm	1000 × 320 (1300 × 320) mm
Motor power	4(5.5)/1.1/0.75 kW	4(5.5)/1.1/0.75 kW	4(5)/0.75/1.1/0.09 kW	4(5)/0.75/1.1/0.09 kW
Overall dimensions	1880 × 1700 × 1700 mm	2220 × 2600 × 1880 mm	1700 × 1680 × 1880 mm	2200 × 2600 × 1880 mm
Machine weight	2.2 t	2.4 t	2.2/2.3 t	2.4/2.6 t

Full model details, options and pricing: www.suntoncnc.com

Turret Milling Machine 5H

Turret Series



MODELS IN THIS SERIES

4H · 5H · 4HW · 5HW

Turret milling machine 5H with up to 1500 x 305 mm table, 80-5440 rpm vertical spindle and 1850 kg gross weight.

KEY SPECIFICATIONS

Specification	4H	5H	4HW	5HW
Table size	1270 × 254 mm	1370/1500 × 305 mm	1270 × 254 mm	1370/1500 × 305 mm
Longitudinal travel	780 mm	810/900 mm	780 mm	810/900 mm
Cross travel	400 mm	420 mm	400 mm	420 mm
Vertical travel	500 mm	500 mm	500 mm	500 mm
T-slot	3 × 16 mm	3 × 16 mm	3 × 16 mm	3 × 16 mm
Telescopic stroke	470 mm	470 mm	470 mm	470 mm
Spindle nose to table distance	500 mm	500 mm	480 mm	480 mm
Spindle taper	—	—	R8 standard; ISO30/40 optional	ISO40
Spindle stroke	127 mm	127 mm	127 mm	127 mm
Spindle speed, vertical	80-5440 rpm (16 steps)	80-5440 rpm (16 steps)	80-5440 rpm (16 steps)	80-5440 rpm (16 steps)
Spindle speed, horizontal	—	—	45-1350 rpm (12 steps)	45-1350 rpm (12 steps)
Spindle feed	0.04 / 0.08 / 0.15 mm (3 steps)	0.04 / 0.08 / 0.15 mm (3 steps)	0.04 / 0.08 / 0.15 mm (3 steps)	0.04 / 0.08 / 0.15 mm (3 steps)
Spindle motor power	2.25 kW / 3 HP	2.25 kW / 3 HP	2.25 kW (vertical)	3 kW (horizontal)
Head turning, left/right / front/rear	90° / 45°	90° / 45°	90° / 45°	90° / 45°
Package size	1516 × 1550 × 2080 mm	1780 × 1650 × 2080 mm	1516 × 1550 × 2080 mm	1780 × 1650 × 2080 mm
Gross weight	1750 kg	1850 kg	1880 kg	1980 kg

Full model details, options and pricing: www.suntoncnc.com

Drilling And Milling Machine ZX6350C

ZX Series



MODELS IN THIS SERIES

ZX6350A · ZX6350D · ZX6350C

Drilling and milling machine ZX6350C for 50 mm drilling and 100 mm face milling, with ISO40 spindle and 1200 x 280 mm table.

KEY SPECIFICATIONS

Specification	ZX6350A	ZX6350D	ZX6350C
Maximum drilling diameter	50 mm	50 mm	50 mm
Maximum milling width	100 mm	100 mm	100 mm
Maximum end mill diameter	25 mm	25 mm	25 mm
Maximum bore diameter	120 mm	120 mm	120 mm
Maximum tapping diameter	M16	M16	M16
Spindle taper	ISO40 / 7:24, MT4	ISO40 / 7:24, MT4	ISO40 / 7:24, MT4
Spindle nose to table distance	80-460 mm	80-460 mm	80-460 mm
Spindle speed, vertical / horizontal	115-1750 / 40-1300 rpm	115-1750 / 40-1300 rpm	115-1750 / 40-1300 rpm
Spindle stroke (vertical)	120 mm	120 mm	120 mm
Table size	1200 × 280 (1500 × 280) mm	1200 × 280 (1500 × 280) mm	1200 × 280 (1500 × 280) mm
Table travel	650 × 300 × 430 mm	650 × 300 × 430 mm	700 × 260 × 430 mm
Spindle motor power, vertical / horizontal	1.5/2.2 / 2.2 kW	1.5/2.2 / 2.2 kW	1.5/2.2 / 2.2 kW
Overall dimensions	1600 × 1480 × 2250 mm	1600 × 1400 × 2250 mm	1600 × 1300 × 2200 mm
Machine weight	1.45/1.56 t	1.36/1.47 t	1.27/1.36 t

Full model details, options and pricing: www.suntoncnc.com

Bed Milling Machine ZX7150A

X Series



MODELS IN THIS SERIES

X7132C · ZX7150A

Bed milling machine ZX7150A with 350 x 1000 mm table, 50 mm drilling capacity and 42-1840 rpm spindle in 12 steps.

KEY SPECIFICATIONS

Specification	X7132C	ZX7150A
Maximum drilling diameter	32 mm	50 mm (steel parts 40 mm)
Maximum end milling diameter	100 mm	125 mm
Spindle center to column distance	360 mm	360 mm
Spindle nose to table distance	100-600 mm	180-600 mm
Spindle taper	NT.40	MT.4
Spindle speed	54-4500 rpm	42-1840 rpm
Spindle speed steps	16	12
Table X feed steps	8	Stepless
Table size	300 × 1200 mm	350 × 1000 mm
Table travel X/Y	500 × 300 mm	500 × 350 mm
Spindle motor power	2.4 kW	2.2/2.8 kW
Lift motor power	0.75 kW	0.75 kW
Cooling pump motor power	0.09 kW	0.09 kW
Worktable feeder parameters	380 V	220 V, 20 N.m
Machine weight	1200 kg	1300 kg
Overall dimensions	1600 × 1320 × 2200 mm	1550 × 1280 × 2210 mm

Full model details, options and pricing: www.suntoncnc.com

Universal Milling Machine X6032

X Series



MODELS IN THIS SERIES

X6128 · X6032

Universal milling machine X6032 with 1500 x 320 mm table, ISO40 spindle, 40-1300 rpm and 2100 kg weight.

KEY SPECIFICATIONS

Specification	X6128	X6032
Table size	1200/1500 × 280 mm	1500 × 320 mm
Number of T-slots	3	3
Table travel	680/400/460 mm	850/300/450 mm
Spindle taper	7:24 / ISO40	7:24 / ISO40
Spindle speed	40-1300 rpm (12 steps)	40-1300 rpm (12 steps)
Table feed speed	15-370 mm/min (8 steps)	15-370 mm/min (8 steps)
Table up/down travel	500 mm	500 mm
Table vertical lifting speed	560 mm/min	560 mm/min
Spindle center to vertical guide surface distance	300 mm	320 mm
Vertical spindle nose to table distance	50-550 mm	50-550 mm
Spindle motor power	3 kW	3 kW
Overall dimensions	1460 × 1500 × 1900 mm	1760 × 1500 × 1900 mm
Machine weight	1500 kg	2100 kg

Full model details, options and pricing: www.suntoncnc.com

Multi-function Milling Machine ZX6332A

ZX Series



MODELS IN THIS SERIES

ZX6332A · ZX6332B

Multi-function milling machine ZX6332A with 1500 x 320 mm table, vertical and horizontal spindles and 2.2/3 kW motor.

KEY SPECIFICATIONS

Specification	ZX6332A	ZX6332B
Spindle nose to table distance	180-580 mm	0-340 mm (horizontal)
Spindle center to column surface distance	200-600 mm	200-600 mm
Spindle speed, vertical / horizontal	115-1750 / 40-1300 rpm	66-4540 / 40-1300 rpm
Spindle travel	120 mm	120 mm
Table size	1500 × 320 mm	1500/1370 × 320 mm
Table travel	700 × 300 mm; 1000 × 320 mm	980 × 320 mm
Spindle motor power	2.2/3 kW	2.2/3 kW
Overall dimensions	1710 × 1720 × 2330 mm	1460 × 1620 × 2100 mm
Machine weight (net / gross)	1.35/1.55 t	1.55/1.6 t

Full model details, options and pricing: www.suntoncnc.com

Universal Rotary Head Milling Machine XL6232

XL Series



MODELS IN THIS SERIES

XL6232 · XL6226 · X6432

Universal rotary head milling machine XL6232 with 360-degree swivel head, 1500 x 320 mm table and 35-1600 rpm spindle.

KEY SPECIFICATIONS

Specification	XL6232	XL6226	X6432
Spindle taper	7:24 ISO40	7:24 ISO40	7:24 ISO40
Spindle center to table distance (horizontal spindle)	120-490 mm	100-500 mm	100-500 mm
Spindle nose to table distance	0-500 mm	0-500 mm	0-500 mm
Spindle speed	35-1600 rpm	35-1600 rpm	35-1600 rpm
Swivel angle of swivel head	360°	360°	360°
Table size	1500 × 320 mm	1200 × 260 mm	1500 × 320 mm
Table travel (X/Y/Z)	800/320/450 mm	580/350/450 mm	580/350/450 mm
Feed rate, longitudinal / cross	22-555 mm/min (8 steps), 810 max.	18-308 mm/min (8 steps)	18-308 mm/min (8 steps)
Vertical up-down speed	560 mm/min	560 mm/min	560 mm/min
T-slot (No. / width / pitch)	3/14/70	3/14/63	3/14/63
Main motor power	2.2 kW	2.2 kW	2.2/4 kW
Feed motor power	750 W	750 W	750 W
Lift motor power	750 W	750 W	750 W
Cooling pump motor power	90 W	90 W	90 W
Machine weight (net / gross)	1350/1450 kg	1150/1300 kg	1800/1500 kg
Overall dimensions	1960 × 1560 × 1730 mm	1665 × 1500 × 1750 mm	2000 × 1600 × 1750 mm

Full model details, options and pricing: www.suntoncnc.com

Drilling And Milling Machine ZX7550CW

ZX Series



MODELS IN THIS SERIES

ZXTM40 · ZX-16 · ZX-20 · ZX50C · ZX7550CW

Drilling and milling machine ZX7550CW for 50 mm drilling and 100 mm face milling, with 1000 x 240 mm table.

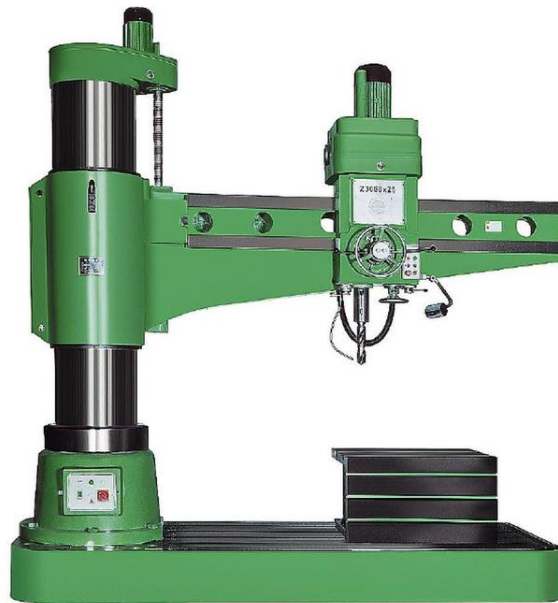
KEY SPECIFICATIONS

Specification	ZXTM40	ZX-16	ZX-20	ZX50C	ZX7550CW
Maximum drilling diameter	40 mm	16 mm	20 mm	50 mm	50 mm
Maximum milling width	100 mm	30 mm	40 mm	100 mm	100 mm
Maximum end mill diameter	20 mm	8 mm	10 mm	25 mm	25 mm
Maximum bore diameter	120 mm	—	—	120 mm	120 mm
Maximum tapping diameter	M16	—	—	M16	M16
Spindle taper	MT4	—	—	MT4	MT4
Spindle nose to table distance	120-550 mm	80-380 mm	70-410 mm	38-430 mm	90-490 mm
Spindle speed	168-3160 rpm	250-3200 rpm	250-3200 rpm	230-1825 rpm	Vertical 115-1750 / horizontal 60-1350 rpm
Spindle stroke	120 mm	85 mm	90 mm	120 mm	120 mm
Table size	800 × 240 mm	420 × 160 mm	500 × 200 mm	900 × 240 mm	1000 × 240 mm
Table travel	400 × 250 mm	250 × 120 mm	250 × 140 mm	400 × 230 mm	500 × 230 mm
Spindle motor power	1.5 kW	0.37 kW	0.75 kW	1.5/2.2 kW	Vertical 1.5/2.2 / horizontal 2.2 kW
Overall dimensions	1100 × 1050 × 1330 mm	750 × 580 × 1100 mm	850 × 1780 × 1200 mm	1100 × 970 × 1650 mm	1280 × 1285 × 2080 mm
Machine weight (net / gross)	410/460 kg	120/150 kg	190/260 kg	500/600 kg	850/1000 kg

Full model details, options and pricing: www.suntoncnc.com

Radial Drilling Machine Z3080×25

Z Series



MODELS IN THIS SERIES

Z3080×25

Radial drilling machine Z3080x25 with 80 mm drilling capacity, 500-2500 mm spindle reach, MT6 taper and 7.5 kW motor.

KEY SPECIFICATIONS

Specification	Z3080×25
Maximum drilling diameter	80 mm
Spindle axis to column distance	500-2500 mm
Column diameter	550 mm
Spindle taper	MT6
Spindle travel	450 mm
Spindle speed	16-1250 rpm
Spindle speed steps	16
Spindle feed range	0.04-3.2 mm/r
Spindle feed steps	16
Spindle nose to base working surface distance	550-2000 mm
Table size	1000 × 800 × 560 mm
Base dimension	3530 × 1400 × 300 mm
Overall dimensions	3730 × 1400 × 3790 mm
Spindle motor power	7.5 kW
Machine weight (gross / net)	10450/10000 kg
Packing dimension	387 × 162 × 223 / 373 × 154 × 153 cm

Full model details, options and pricing: www.suntoncnc.com

Radial Drilling Machine Z3063×20

Z Series



MODELS IN THIS SERIES

Z3063×20

Radial drilling machine Z3063x20 with 63 mm drilling capacity, 450-2050 mm spindle reach, MT5 taper and 5.5 kW motor.

KEY SPECIFICATIONS

Specification	Z3063×20
Maximum drilling diameter	63 mm
Spindle axis to column distance	450-2050 mm
Column diameter	450 mm
Spindle taper	MT5
Spindle travel	400 mm
Spindle speed	20-1600 rpm
Spindle speed steps	16
Spindle feed range	0.04-3.2 mm/r
Spindle feed steps	16
Spindle nose to base working surface distance	400-1600 mm
Table size	950 × 630 × 500 mm
Base dimension	2900 × 1250 × 250 mm
Overall dimensions	3110 × 1250 × 3150 mm
Spindle motor power	5.5 kW
Machine weight (gross / net)	7145/6795 kg
Packing dimension	348 × 147 × 221 cm

Full model details, options and pricing: www.suntoncnc.com

Radial Drilling Machine Z3050×20/1

Z Series



MODELS IN THIS SERIES

Z3040×16/1 · Z3050×16/1 · Z3050×20/1

Radial drilling machine Z3050x20/1 with 50 mm drilling capacity, 350-2000 mm reach, 25-2000 rpm and 4 kW motor.

KEY SPECIFICATIONS

Specification	Z3040×16/1	Z3050×16/1	Z3050×20/1
Maximum drilling diameter	40 mm	50 mm	50 mm
Spindle axis to column distance	350-1600 mm	350-1600 mm	350-2000 mm
Column diameter	350 mm	350 mm	350 mm
Spindle taper	MT4	MT5	MT5
Spindle travel	315 mm	315 mm	315 mm
Spindle speed	25-2000 rpm	25-2000 rpm	25-2000 rpm
Spindle speed steps	16	16	16
Spindle feed range	0.04-3.2 mm/r	0.04-3.2 mm/r	0.04-3.2 mm/r
Spindle feed steps	16	16	16
Spindle nose to base working surface distance	350-1250 mm	320-1220 mm	320-1220 mm
Table size	630 × 500 × 500 mm	630 × 500 × 500 mm	630 × 500 × 500 mm
Base dimension	2400 × 1000 × 200 mm	2400 × 1000 × 200 mm	2400 × 1000 × 200 mm
Overall dimensions	2500 × 1060 × 2650 mm	2500 × 1060 × 2650 mm	2900 × 1060 × 2650 mm
Spindle motor power	3 kW	4 kW	4 kW
Machine weight	3200 kg	3500 kg	4200 kg
Packing dimension	260 × 112 × 260 cm	260 × 112 × 260 cm	300 × 112 × 260 cm

Full model details, options and pricing: www.suntoncnc.com

Radial Drilling Machine Z3050X16

Z Series



MODELS IN THIS SERIES

Z3050X16 · Z3040X13 · Z3040X12/1 · Z3032X10/1 · Z3032X10

Radial drilling machine Z3050X16 from the Z30 series, with 50 mm drilling capacity, 350-1600 mm reach and 4 kW motor.

KEY SPECIFICATIONS

Specification	Z3050X16	Z3040X13	Z3040X12/1	Z3032X10/1	Z3032X10
Maximum drilling diameter	50 mm	40 mm	40 mm	35 mm	32 mm
Spindle nose to table distance	260-1150 mm	260-1050 mm	260-1100 mm	140-1100 mm	220-980 mm
Spindle axis to column distance	350-1600/1300 mm	360-1100 mm	360-1300 mm	360-1000 mm	260-1000 mm
Spindle travel	220/280 mm	220/280 mm	220/280 mm	200 mm	120 mm
Spindle taper	Morse No. 5	Morse No. 4	Morse No. 4	Morse No. 4	Morse No. 4
Spindle speed	78-1100 rpm	34-1280 rpm	28-1200 rpm	75-1220 rpm	108-1000 rpm
Spindle speed steps	6	6	12	6	6
Spindle feed range	0.04-3.2 mm/r	0.10-0.25 mm/r	0.10-0.25 mm/r	0.10, 0.16, 0.25 mm/r	—
Spindle feed steps	6	3	6	3	—
Radial arm swivel angle	360°	360°	360°	360°	360°
Spindle motor power	4 kW	3 kW	3 kW	2.2 kW	1.5-2.2 kW
Lift motor power	1.5 kW	1.1 kW	1.1 kW	1.5 kW	0.75 kW
Machine weight	2300 kg	1500 kg	1500 kg	1100/1200 kg	800 kg
Overall dimensions	2300 × 1060 × 2800 mm	1600 × 705 × 2200 mm	1600 × 700 × 2050 mm	1500 × 705 × 2050 mm	1235 × 600 × 1780 mm

Full model details, options and pricing: www.suntoncnc.com

Universal Radial Drilling Machine Z3150

Z Series



MODELS IN THIS SERIES

Z3140A / Z3150 · Z3725X8B / Z3732X8B · Z3725X8A / Z3732X8A

Universal radial drilling machine Z3150 with 50 mm drilling capacity, 850-1600 mm reach and 360-degree spindle and arm rotation.

KEY SPECIFICATIONS

Specification	Z3140A / Z3150	Z3725X8B / Z3732X8B	Z3725X8A / Z3732X8A
Maximum drilling diameter	40/50 mm	25/32 mm	25/32 mm
Spindle axis to column distance	850-1600 mm	325-820 mm	360-830 mm
Spindle nose to base working surface distance	—	10-770 mm	0-800 mm
Spindle / radial arm swivel angles	360° / 360°	360° / 360°	360° / 360°
Spindle taper	Morse No. 4/5	Morse No. 3/4	Morse No. 3/4
Spindle speed	16-1250 rpm	63-860 rpm	118-734 rpm
Spindle speed steps	16	6	4
Spindle feed range	0.06-1 mm/r	—	—
Spindle feed steps	9	—	—
Spindle travel	315 mm	130 mm	130 mm
Spindle motor power	3/4 kW	2.2 kW	2.2 kW
Machine weight	4500 kg	1000 kg	900 kg
Overall dimensions	3050 × 1240 × 2713 mm	1658 × 720 × 1910 mm	1600 × 690 × 1900 mm

Full model details, options and pricing: www.suntoncnc.com

Square Column Vertical Drilling Machine Z51100

Z Series



MODELS IN THIS SERIES

Z51100 · Z5180C · Z5163C · Z5150C · Z5140B · Z5150D · Z5150 · Z5140C · Z5140B-2 · Z535 · Z5132A · Z5125A

Square column vertical drilling machine Z51100 with 100 mm drilling capacity, Morse No. 6 taper and 7.5 kW motor.

KEY SPECIFICATIONS

Specification	Z51100	Z5180C	Z5163C	Z5150C	Z5140B	Z5150D
Maximum drilling diameter	100 mm	80 mm	63 mm	50 mm	40 mm	50 mm
Maximum feed resistance	40000 N	30000 N	30000 N	16000 N	16000 N	16000 N
Spindle torque	1150 N.m	800 N.m	800 N.m	350 N.m	350 N.m	350 N.m
Spindle taper	Morse No. 6	Morse No. 6	Morse No. 5	Morse No. 4	Morse No. 5	Morse No. 5
Spindle center to guideway surface distance	480 mm	375 mm	375 mm	335 mm	335 mm	335 mm
Spindle travel	310 mm	250 mm	250 mm	250 mm	250 mm	300 mm
Spindle head travel	300 mm	250 mm	250 mm	200 mm	200 mm	200 mm
Spindle speed	26-320 rpm, 6 steps	40-570 rpm, 9 steps	40-570 rpm, 9 steps	45-850 rpm, 9 steps	31.5-1400 rpm, 12 steps	45-850 rpm, 9 steps
Feed rate	0.096-0.717 mm/r, 6 steps	0.1-0.78 mm/r, 6 steps	0.1-0.78 mm/r, 6 steps	0.056-1.80 mm/r, 9 steps	0.056-1.80 mm/r, 9 steps	0.056-1.80 mm/r, 9 steps
Table size	760 × 650 mm	650 × 550 mm	650 × 550 mm	1000 × 350 mm	1000 × 350 mm	480 × 560 mm
Spindle nose to table distance, max.	850 mm	800 mm	800 mm	595 mm	525 mm	750 mm
Spindle motor power	7.5 kW	5.5 kW	5.5 kW	4 kW	3 kW	4 kW
Overall dimensions	1452 × 970 × 3170 mm	1452 × 965 × 2787 mm	1452 × 965 × 2787 mm	1350 × 1450 × 2530 mm	1350 × 1450 × 2530 mm	1040 × 905 × 2530 mm
Machine weight	3500 kg	2500 kg	2500 kg	1500 kg	1500 kg	1300 kg

Specification	Z5150	Z5140C	Z5140B-2	Z535	Z5132A	Z5125A
Maximum drilling diameter	50 mm	40 mm	40 mm	35 mm	32 mm	25 mm
Maximum feed resistance	16000 N	16000 N	16000 N	16000 N	9000 N	9000 N
Spindle torque	350 N.m	350 N.m	350 N.m	400 N.m	160 N.m	160 N.m
Spindle taper	Morse No. 4	Morse No. 4	Morse No. 4	Morse No. 4	Morse No. 4	Morse No. 3
Spindle center to guideway surface distance	335 mm	335 mm	335 mm	300 mm	280 mm	280 mm
Spindle travel	300 mm	250 mm	250 mm	225 mm	200 mm	200 mm
Spindle head travel	200 mm	200 mm	200 mm	200 mm	200 mm	200 mm
Spindle speed	45-862 rpm, 9 steps	31.5-1400 rpm, 12 steps	31.5-1400 rpm, 12 steps	68-1100 rpm, 9 steps	50-2000 rpm, 9 steps	50-2000 rpm, 9 steps
Feed rate	0.056-1.80 mm/r, 9 steps	0.056-1.80 mm/r, 9 steps	0.056-1.80 mm/r, 9 steps	0.11-1.60 mm/r, 11 steps	0.56-1.80 mm/r, 9 steps	0.056-1.80 mm/r, 9 steps
Table size	480 × 560 mm	480 × 560 mm	480 × 560 mm	450 × 500 mm	450 × 530 mm	400 × 530 mm
Spindle nose to table distance, max.	755 mm	750 mm	750 mm	750 mm	710 mm	710 mm
Spindle motor power	4 kW	3 kW	3 kW	4 kW	2.2 kW	2.2 kW
Overall dimensions	1040 × 906 × 2530 mm	1040 × 906 × 2530 mm	1040 × 906 × 2530 mm	1280 × 842 × 2580 mm	962 × 847 × 2340 mm	962 × 847 × 2300 mm
Machine weight	1350 kg	1300 kg	1250 kg	1600 kg	1000 kg	950 kg

Full model details, options and pricing: www.suntoncnc.com

Pillar Type Vertical Drilling Machine Z5050

Z Series



MODELS IN THIS SERIES

Z5035 · Z5040 · Z5050

Pillar type vertical drilling machine Z5050 with 50 mm drilling, M30 tapping, 240 mm spindle travel and 2.2/2.8 kW motor.

KEY SPECIFICATIONS

Specification	Z5035	Z5040	Z5050
Maximum drilling capacity	35 mm	40 mm	50 mm
Maximum tapping capacity	M24	M27	M30
Column diameter	140 mm	160 mm	180 mm
Spindle travel	160 mm	180 mm	240 mm
Spindle center to column surface distance	330 mm	360 mm	360 mm
Spindle nose to table distance, max.	590 mm	590 mm	570 mm
Spindle nose to base table distance, max.	1180 mm	1180 mm	1160 mm
Spindle taper	MT4	MT4	MT4 or MT5
Spindle speed	75–2500 rpm	40–2050 rpm	42–2050 rpm
Spindle speed steps	12	12	12
Spindle feeds	0.1, 0.2, 0.3 mm/r	0.07, 0.15, 0.26, 0.40 mm/r	0.07, 0.15, 0.26, 0.40 mm/r
Table size	500 × 440 mm	550 × 470 mm	550 × 470 mm
Overall height	2300 mm	2330 mm	2380 mm
Spindle motor power	1.5/2.2 kW	2.2/2.8 kW	2.2/2.8 kW
Coolant motor	40 W	40 W	40 W
Machine weight (gross / net)	595/545 kg	815/755 kg	1045/985 kg

Full model details, options and pricing: www.suntoncnc.com

Gear Type Automatic Feed Drilling Machine ZS-40B

ZS Series



MODELS IN THIS SERIES

ZS-40B / ZS-40BP · ZS-40B1 / ZS-40BP1 · ZS-40BHS / ZS-40BPS · ZS-40BHS1 / ZS-40BPS1

Gear type automatic feed drilling machine ZS-40B for 40 mm drilling in cast iron, with MT4 or R8 taper and 110 mm travel.

KEY SPECIFICATIONS

Specification	ZS-40B / ZS-40BP	ZS-40B1 / ZS-40BP1	ZS-40BHS / ZS-40BPS	ZS-40BHS1 / ZS-40BPS1
Maximum drilling capacity	Cast iron 40 / steel 32 mm	Cast iron 40 / steel 32 mm	Cast iron 40 / steel 32 mm	Cast iron 40 / steel 32 mm
Maximum tapping capacity	Cast iron M32 / steel M24	Cast iron M32 / steel M24	Cast iron M32 / steel M24	Cast iron M32 / steel M24
Column diameter	115 mm	115 mm	115 mm	115 mm
Spindle travel	110 mm	110 mm	110 mm	110 mm
Spindle center to column surface distance	261.5 mm	261.5 mm	261.5 mm	261.5 mm
Spindle nose to table distance, max.	—	—	745 mm	745 mm
Spindle nose to base table distance, max.	800 mm	800 mm	1245 mm	1245 mm
Spindle taper	MT4 or R8	MT4 or R8	MT4 or R8	MT4 or R8
Spindle speed	50–1250 rpm	50–1250 rpm	50–1250 rpm	50–1250 rpm
Spindle speed steps	6	12	6	12
Spindle feeds	0.12, 0.18, 0.25 mm/r	0.12, 0.18, 0.25 mm/r	0.12, 0.18, 0.25 mm/r	0.12, 0.18, 0.25 mm/r
Table size	—	—	540 × 470 mm	540 × 470 mm
Base table size	635 × 460 mm	690 × 520 mm	635 × 460 mm	690 × 520 mm
Spindle motor power	Single-phase 1100 / three-phase 1500	Single-phase 1100 / three-phase 1500	Single-phase 1100 / three-phase 1500	Single-phase 1100 / three-phase 1500
Overall height	1400 mm	1450 mm	1760 mm	1810 mm
Machine weight (gross / net)	300/260 kg	360/320 kg	360/320 kg	390/350 kg

Full model details, options and pricing: www.suntoncnc.com

Vertical Drilling Machine Z5045

Z Series



MODELS IN THIS SERIES

Z5032 / Z5040 / Z5045 • Z5032 / Z5040 / Z5045 (C)

Vertical drilling machine Z5045 for 45 mm drilling, with gear drive, 80-1250 rpm at 50 Hz and 130 mm spindle travel.

KEY SPECIFICATIONS

Specification	Z5032 / Z5040 / Z5045	Z5032 / Z5040 / Z5045 (C)
Maximum drilling capacity	32/40/45 mm	32/40/45 mm
Spindle taper	MT3 or R8 / MT4 or R8 / MT4 or R8	MT3 or R8 / MT4 or R8 / MT4 or R8
Spindle travel	130 mm	130 mm
Spindle speed steps	6	6
Spindle speed, 50 Hz	80-1250 rpm	80-1250 rpm
Spindle speed, 60 Hz	95-1500 rpm	95-1500 rpm
Spindle center to column distance, min.	283 mm	283 mm
Spindle nose to table distance, max.	725 mm	700 mm
Spindle nose to stand table distance, max.	1125 mm	1125 mm
Headstock travel, max.	250 mm	250 mm
Headstock swivel angle (horizontal / perpendicular)	360° / ±90°	360° / ±90°
Table size (effective area)	380 × 300 mm	730 × 210 mm
Table travel (X/Y)	—	500/205 mm
Spindle motor power	0.75/1.1/1.5 kW	0.75/1.1/1.5 kW
Machine weight (net / gross)	430/480 kg	460/520 kg
Packing size	1850 × 750 × 1000 mm	1850 × 950 × 1000 mm

Full model details, options and pricing: www.suntoncnc.com

Vertical Drilling Machine Z5045-1

Z Series



MODELS IN THIS SERIES

Z5032-1 / Z5040-1 / Z5045-1 · Z5032-1 / Z5040-1 / Z5045-1 (Group B)

Vertical drilling machine Z5045-1 for 45 mm drilling, with automatic spindle feed 0.06-0.30 mm/r and gear drive.

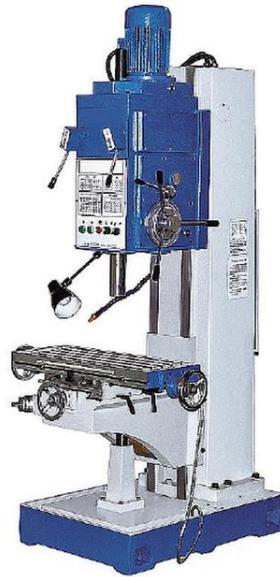
KEY SPECIFICATIONS

Specification	Z5032-1 / Z5040-1 / Z5045-1	Z5032-1 / Z5040-1 / Z5045-1 (Group B)
Maximum drilling capacity	32/40/45 mm	32/40/45 mm
Spindle taper	MT3 or R8 / MT4 or R8 / MT4 or R8	MT3 or R8 / MT4 or R8 / MT4 or R8
Spindle travel	130 mm	130 mm
Spindle speed, 50 Hz	80-1250 rpm	80-1250 rpm
Spindle speed, 60 Hz	95-1500 rpm	95-1500 rpm
Spindle auto-feed range	0.06-0.30 mm/r	0.06-0.30 mm/r
Spindle center to column distance, min.	290 mm	290 mm
Spindle nose to table distance, max.	725 mm	700 mm
Spindle nose to stand table distance, max.	1125 mm	1125 mm
Headstock travel, max.	250 mm	250 mm
Headstock swivel angle (horizontal)	360°	360°
Table size (effective area)	380 × 300 mm	730 × 210 mm
Table travel (X/Y)	—	500/205 mm
Spindle motor power	0.75/1.1/1.5 kW	0.75/1.1/1.5 kW
Machine weight (net / gross)	440/490 kg	470/530 kg
Packing size	1850 × 750 × 1000 mm	1850 × 950 × 1000 mm

Full model details, options and pricing: www.suntoncnc.com

Square Column Vertical Drilling Machine Z5150B

Z Series



MODELS IN THIS SERIES

Z5140B · Z5140B-1 · Z5150B · Z5150B-1

Square column vertical drilling machine Z5150B with 50 mm drilling, MT5 taper, 31.5-1400 rpm and 250 mm spindle travel.

KEY SPECIFICATIONS

Specification	Z5140B	Z5140B-1	Z5150B	Z5150B-1
Maximum drilling diameter	40 mm	40 mm	50 mm	50 mm
Spindle taper	MT4	MT4	MT5	MT5
Spindle travel	250 mm	250 mm	250 mm	250 mm
Spindle head travel (manual)	200 mm	200 mm	200 mm	200 mm
Spindle speed steps	12	12	12	12
Spindle speed	31.5-1400 rpm	31.5-1400 rpm	31.5-1400 rpm	31.5-1400 rpm
Feed steps	9	9	9	9
Feed rate	0.056-1.80 mm/r	0.056-1.80 mm/r	0.056-1.80 mm/r	0.056-1.80 mm/r
Table size	560 × 480 mm	1200 × 280 mm	560 × 480 mm	1200 × 280 mm
Table longitudinal / cross stroke	—	700/300 mm	—	700/300 mm
Table vertical stroke	300 mm	300 mm	300 mm	300 mm
Spindle nose to table distance, max.	750 mm	750 mm	750 mm	750 mm
Spindle motor power	3 kW	3 kW	3 kW	3 kW
Overall dimensions	1090 × 905 × 2465 mm	1300 × 1200 × 2465 mm	1090 × 905 × 2465 mm	1300 × 1200 × 2465 mm
Machine weight	1250 kg	1350 kg	1250 kg	1350 kg

Full model details, options and pricing: www.suntoncnc.com

Bench Drilling Machine Z4132G

Z Series



MODELS IN THIS SERIES

Z4132G / Z4125G · Z4120G · Z4116G / Z4113G

Bench drilling machine Z4132G with 31.75 mm drilling capacity in steel, MT3 taper and 150 mm spindle travel.

KEY SPECIFICATIONS

Specification	Z4132G / Z4125G	Z4120G	Z4116G / Z4113G
Maximum drilling capacity	31.75/25 mm (steel parts)	20 mm (steel parts)	16/13 mm (steel parts)
Maximum tapping capacity	M24 cast iron / M20 steel; M20 cast iron / M16 steel	M20 cast iron / M16 steel	M12 cast iron / M10 steel
Column diameter	100 mm	50 mm	50 mm
Spindle travel, max.	150 mm	135 mm	100 mm
Spindle center to column distance	265 mm	260 mm	193 mm
Spindle nose to table distance, max.	390 mm	366 mm	330 mm
Spindle nose to base distance	745 mm	678 mm	613 mm
Spindle taper	MT3	MT2	MT2/B16
Spindle speed	280–1875 or 180–1620 rpm	290–2150 rpm	320–2730 rpm
Spindle speed steps	5 or 9	5	5
Table size	380 × 400 mm	300 × 320 mm	265 × 285 mm
Base size	645 × 470 mm	376 × 566 mm	360 × 480 mm
Overall height	1370 mm	1245 mm	1130 mm
Motor power	1.5 kW (4P) / 1.1 kW (6P)	1.1 kW (6P)	0.55 kW (6P)
Machine weight (net)	225 kg approx.	170 kg approx.	145 kg approx.
Packing dimension	1000 × 600 × 1500 mm	970 × 490 × 1390 mm	780 × 450 × 1260 mm

Full model details, options and pricing: www.suntoncnc.com

Bench Drilling Machine Z4125

Z Series



MODELS IN THIS SERIES

Z4112A / Z4116A · Z4116 · Z4120 / Z4125 · Z4120 / Z4125 (2nd) · Z512B / Z516B

Bench drilling machine Z4125 with 25 mm drilling capacity, MT2/MT3 taper, 365-3150 rpm and 1100 W motor.

KEY SPECIFICATIONS

Specification	Z4112A / Z4116A	Z4116	Z4120 / Z4125	Z4120 / Z4125 (2nd)	Z512B / Z516B
Maximum drilling capacity	12.7/16 mm	16 mm	20/25 mm	12.7/16 mm	12.7/16 mm
Spindle center to column distance	193 mm	240 mm	240 mm	193 mm	193 mm
Spindle travel, max.	100 mm	125 mm	125 mm	100 mm	100 mm
Spindle taper	B16/MT2	MT2	MT2/MT3	B16/B18	B16/MT2
Spindle speed	400-4090 rpm	365-3150 rpm	365-3150 rpm	480-4100 rpm	480-4100 rpm
Motor power	550/750 W	750 W	1100 W	370/550 W	370/550 W
Machine weight (gross / net)	120/102 kg	165/140 kg	165/140 kg	108/90 kg	108/90 kg
Packing dimension	83 × 42 × 92 cm	83 × 47 × 104 cm	83 × 47 × 104 cm	77 × 42 × 96 cm	77 × 42 × 96 cm

Full model details, options and pricing: www.suntoncnc.com

Bench Drilling Machine ZQ4132

ZQ Series



MODELS IN THIS SERIES

ZQ4113 · ZQ4116 / ZQ4119 · ZQ4125 / ZQ4132 · ZQD4125 / ZQD4132 · ZHX-13 · EDP20013B · ST-16A · Z4116T (KSD-34M)

Bench drilling machine ZQ4132 with 31.5 mm drilling capacity, MT3 taper and 750 W motor, from the ZQ bench drill range.

KEY SPECIFICATIONS

Specification	ZQ4113	ZQ4116 / ZQ4119	ZQ4125 / ZQ4132	ZQD4125 / ZQD4132	ZHX-13	EDP20013B
Maximum drilling capacity	13 mm	16/19 mm	25/31.5 mm	25/31.5 mm	13 mm	13 mm
Spindle center to column distance	180 mm	180 mm	200 mm	200 mm	103 mm	103 mm
Spindle travel, max.	85 mm	85 mm	110 mm	110 mm	50 mm	50 mm
Spindle taper	B16	MT2	MT3	MT3	B16	B16
Spindle speed	495–2565 rpm	270–2880 rpm	—	—	515–2580 rpm	515–2580 rpm
Motor power	370 W	370/550 W	750 W	750 W	125 or 180 W	125 W
Machine weight (gross / net)	68/65 kg	68/65 kg	105/98 kg	115/108 kg	21/19 kg	19/17 kg
Packing dimension	91 × 51.5 × 27 cm	91 × 51.5 × 27 cm	108 × 77 × 34 cm	108 × 77 × 34 cm	45 × 33 × 23 cm	45 × 33 × 23 cm

Specification	ST-16A	Z4116T (KSD-34M)
Maximum drilling capacity	16 mm	16 mm
Spindle center to column distance	182 mm	165 mm
Spindle travel, max.	80 mm	85 mm
Spindle taper	MT2	MT2
Spindle speed	250–3200 rpm	455–2500 rpm
Motor power	250/370 W	370 W
Machine weight (gross / net)	60/57 kg	67/62 kg
Packing dimension	78 × 46 × 29 cm	91 × 55 × 30 cm

Full model details, options and pricing: www.suntoncnc.com

Lathe CW61125B

CW Series



MODELS IN THIS SERIES

CW61100B/CW61125B · CW61160 · CW61200 · S1-170B

SUNTON CW61125B heavy horizontal lathe: 1000/1250 mm swing over bed, 130 mm spindle bore and 22 kW main motor for large shaft work.

KEY SPECIFICATIONS

Specification	CW61100B/CW61125B	CW61160	CW61200	S1-170B
Max. Swing Diameter over Bed (mm)	1000/1250	1600	2000	1400
Max. Turning Diameter over Tool Carrier (mm)	610/850	1200	1200	800
Max. Workpiece Length (mm)	1500, 3000, 5000-15000	3000, 5000, 6000-15000	3000, 5000, 6000-15000	1500
Spindle Bore (mm)	130	130	130	130
Spindle Bore Front Taper	Metric 140	Metric 140	Metric 140	Metric 140
Spindle Speed Steps, Forward/Reverse	21/12	21/12	21/12	21/12
Feed Range, Longitudinal/Cross (mm/r)	0.1-12 / 0.05-6	0.1-12 / 0.05-6	0.1-12 / 0.05-6	0.06-7.2 / 0.03-3.6
Metric Threads	44 kinds, 1-120 mm	44 kinds, 1-120 mm	44 kinds, 1-120 mm	44 kinds, 1-120 mm
Imperial Threads	31 kinds, 24-1/4 t.p.i.	31 kinds, 24-1/4 t.p.i.	31 kinds, 24-1/4 t.p.i.	31 kinds, 24-1/4 t.p.i.
Module Threads	45 kinds, 0.5-60 mm	45 kinds, 0.5-60 mm	45 kinds, 0.5-60 mm	45 kinds, 0.5-60 mm
Lower Tool Carrier Max. Cross Travel (mm)	520	960	960	980
Tool Carrier Rapid Traverse, Longitudinal/Cross (mm/min)	3740/1870	3740/1870	3740/1870	3740/1870
Tailstock Sleeve Diameter / Taper	160 mm / Morse No.6	180 mm / Metric 80	180 mm / Metric 80	—
Spindle Motor Power (kW)	—	22	22	—
Bed Width (mm)	755	1100	1100	1100
Max. Load (kg)	6000	8000	8000	15000

Full model details, options and pricing: www.suntoncnc.com

Horizontal Lathe CW62110

CW Series



MODELS IN THIS SERIES

CW6163/CW6263 · CW6180/CW6280 · CW6193/CW6293 · CW6180B/CW6280B ·
CW61100/CW62100 · CW61110/CW62110

SUNTON CW62110 horizontal lathe: 1100 mm swing over bed, gap bed up to 1300 mm and workpiece lengths to 15000 mm for heavy turning.

KEY SPECIFICATIONS

Specification	CW6163/CW6263	CW6180/CW6280	CW6193/CW6293	CW6180B/CW6280B	CW61100/CW62100	CW61110/CW62110
Max. Swing Diameter over Bed (mm)	630	800	930	800	1000	1100
Max. Turning Diameter over Tool Carrier (mm)	350	520	650	480	680	800
Max. Workpiece Length (mm)	750, 1500, 2000, 3000-15000	750, 1500, 2000, 3000-15000	750, 1500, 2000, 3000-15000	1500, 3000, 4000, 5000-15000	1500, 3000, 4000, 5000-15000	1500, 3000, 4000, 5000-15000
Swing Diameter in Gap / Effective Width (mm)	800/300	970/300	1100/300	1100/310	1200/310	1300/310
Spindle Bore Front Taper	Φ120 (B series)	Φ140 (C series)	Morse No.5	Morse No.5	Morse No.5	Morse No.5
Spindle Speed Steps and Range (r/min)	18 steps, 7.5-1000 (B series)	18 steps, 6-800 (B series)	18 steps, 6-800 (B series)	—	—	—
Longitudinal Feed Steps and Range (mm/r)	64 steps, 0.05-24.3	64 steps, 0.06-24.3	64 steps, 0.05-24.3	64 steps, 0.06-24.3	64 steps, 0.06-24.3	64 steps, 0.05-24.3
Metric Threads	50 kinds, 1-240 mm	50 kinds, 1-240 mm	50 kinds, 1-240 mm	50 kinds, 1-240 mm	50 kinds, 1-240 mm	50 kinds, 1-240 mm
Imperial Threads	26 kinds, 14-1 t.p.i.	26 kinds, 14-1 t.p.i.	26 kinds, 14-1 t.p.i.	26 kinds, 14-1 t.p.i.	26 kinds, 14-1 t.p.i.	26 kinds, 14-1 t.p.i.
Module Threads	53 kinds, 0.5-120 mm	53 kinds, 0.5-120 mm	53 kinds, 0.5-120 mm	53 kinds, 0.5-120 mm	53 kinds, 0.5-120 mm	53 kinds, 0.5-120 mm
Diametral Pitch Threads	24 kinds, 28-1 DP	24 kinds, 28-1 DP	24 kinds, 28-1 DP	24 kinds, 28-1 DP	24 kinds, 28-1 DP	24 kinds, 28-1 DP
Lower Tool Carrier Max. Cross Travel (mm)	315	450	500	500	500	500

Specification	CW6163/CW6263	CW6180/CW6280	CW6193/CW6293	CW6180B/CW6280B	CW61100/CW62100	CW61110/CW62110
Tailstock Sleeve Travel (mm)	250	250	250	250	250	250
Tailstock Sleeve Taper	Morse No.5	Morse No.5	Morse No.5	Morse No.5	Morse No.5	Morse No.5
Bed Guideway Width / Quench Hardness (mm)	550/600, RC52	550, RC52	550/600, RC52	600, RC52	600, RC52	600, RC52
Spindle Motor Power (kW)	11	11	11	11 or 15	11 or 15	11 or 15

Full model details, options and pricing: www.suntoncnc.com

Pipe Thread Lathe Q1330

Q Series



MODELS IN THIS SERIES

Q1313 · Q1319 · Q1322 · Q1325 · Q1327 · Q1330

SUNTON Q1330 pipe thread lathe: 305 mm spindle bore, 800 mm swing over bed and 15 kW motor for drill pipe and casing threading.

KEY SPECIFICATIONS

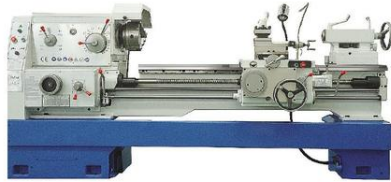
Specification	Q1313	Q1319	Q1322
Max. Swing Diameter over Bed (mm)	630	630	670
Max. Turning Diameter over Tool Carrier (mm)	350	350	380
Max. Distance Between Centres (mm)	1500	1500	1500
Spindle Bore (mm)	135	200	225
Spindle Speed	Forward 18 steps, 12–642 r/min	Forward 12 steps, 24–300 r/min	Forward 12 steps, 24–300 r/min
Longitudinal Feed Steps / Range (mm/r)	26 / 0.07–1.33	26 / 0.07–1.33	26 / 0.07–1.33
Cross Feed Steps / Range (mm/r)	22 / 0.02–0.45	22 / 0.02–0.45	22 / 0.02–0.45
Metric Threads — Kinds / Range (mm)	52 / 1–224	24 / 1–14	24 / 1–14
Imperial Threads — Kinds / Range (T.P.I.)	40 / 2–28	40 / 2–28	40 / 2–28
Module Threads — Kinds / Range (mm)	—	—	—
Slide Max. Cross Travel (mm)	390	390	390
Tailstock Sleeve Diameter / Taper / Travel (mm)	Φ100 / Morse No.5 / 205	Φ100 / Morse No.5 / 205	Φ100 / Morse No.5 / 205
Chuck	Φ380 three-jaw chuck	Φ520 four-jaw chuck	Φ520 four-jaw chuck
Spindle Motor Power (kW)	7.5	7.5	7.5
Overall Dimensions (mm)	3590 × 1449 × 1393	3659 × 1449 × 1393	3659 × 1449 × 1425
Machine Weight (t)	4.2	4.5	4.8

Specification	Q1325	Q1327	Q1330
Max. Swing Diameter over Bed (mm)	800	800	800
Max. Turning Diameter over Tool Carrier (mm)	480	480	480
Max. Distance Between Centres (mm)	1500	1500	1500
Spindle Bore (mm)	255	280	305
Spindle Speed	Variable-frequency 2 steps, 20-340 r/min	Variable-frequency 2 steps, 20-300 r/min	Variable-frequency 2 steps, 20-300 r/min
Longitudinal Feed Steps / Range (mm/r)	26 / 0.07-1.33	40 / 0.1-3	40 / 0.1-3
Cross Feed Steps / Range (mm/r)	22 / 0.02-0.45	40 / 0.05-1.5	40 / 0.05-1.5
Metric Threads — Kinds / Range (mm)	52 / 1-224	30 / 1-30	30 / 1-30
Imperial Threads — Kinds / Range (T.P.I.)	40 / 2-28	27 / 28-1	27 / 28-1
Module Threads — Kinds / Range (mm)	53 / 0.5-120	—	—
Slide Max. Cross Travel (mm)	320	520	520
Tailstock Sleeve Diameter / Taper / Travel (mm)	Φ100 / Morse No.5 / 250	Φ140 / Morse No.6 / 300	Φ140 / Morse No.6 / 300
Chuck	Φ630 four-jaw chuck	Φ630 four-jaw chuck	Φ630 four-jaw chuck
Spindle Motor Power (kW)	11	15	15
Overall Dimensions (mm)	3657 × 1757 × 1740	5000 × 2100 × 1600	5000 × 2100 × 1600
Machine Weight (t)	4.8	11	12

Full model details, options and pricing: www.suntoncnc.com

Horizontal Lathe CA6250A

CA Series



MODELS IN THIS SERIES

CA6140A · CA6240A · CA6150A · CA6250A

SUNTON CA6250A horizontal lathe: 500 mm swing, 720 mm in the gap, 2000 mm workpiece length and 7.5 kW motor for general turning.

KEY SPECIFICATIONS

Specification	CA6140A	CA6240A	CA6150A	CA6250A
Max. Swing Diameter over Bed (mm)	400	400	500	500
Max. Swing Diameter over Tool Post (mm)	210	210	300	300
Max. Swing Diameter in Gap × Effective Length (mm)	—	630 × 210	—	720 × 210
Max. Workpiece Length / Max. Turning Length (mm)	750/650	1000/900	1500/1400	2000/1900
Spindle Bore / Front Taper	Ø52 / Morse No.6	Ø52 / Morse No.6	Ø52 / Morse No.6	Ø52 / Morse No.6
Spindle Speed Steps, Forward/Reverse	24/12	24/12	24/12	24/12
Spindle Speed Range, Forward (r/min)	11-1600 (50Hz)	11-1600 (50Hz)	11-1600 (50Hz)	11-1600 (50Hz)
Longitudinal Feed Range, Standard (mm/r)	0.08-1.59	0.08-1.59	0.08-1.59	0.08-1.59
Cross Feed Range, Standard (mm/r)	0.04-0.79	0.04-0.79	0.04-0.79	0.04-0.79
Metric Threads	44 kinds, 1-192 mm	44 kinds, 1-192 mm	44 kinds, 1-192 mm	44 kinds, 1-192 mm
Inch Threads	21 kinds, 2-24 threads/inch	21 kinds, 2-24 threads/inch	21 kinds, 2-24 threads/inch	21 kinds, 2-24 threads/inch
Max. Travel of Upper / Lower Tool Post (mm)	140/320	140/320	140/320	140/420
Tailstock Spindle Diameter × Travel / Taper	75 × 150 / Morse No.5	75 × 150 / Morse No.5	75 × 150 / Morse No.5	75 × 150 / Morse No.5
Main Motor Power (kW)	7.5	7.5	7.5	7.5

Full model details, options and pricing: www.suntoncnc.com

Horizontal Lathe C6150

C Series



MODELS IN THIS SERIES

C6136 · C6140 · C6150

SUNTON C6150 horizontal lathe: 500 mm swing over bed, 1500 mm between centres and 5.5 kW motor; C6136 and C6140 complete the range.

KEY SPECIFICATIONS

Specification	C6136	C6140	C6150
Max. Swing Diameter over Bed (mm)	360	400	500
Max. Swing Diameter over Tool Post (mm)	190	230	330
Max. Swing Diameter at Saddle (mm)	520	560	660
Distance Between Centers (mm)	750	1000	1500
Bed Width (mm)	360	360	360
Spindle Bore	Ø52/80	Ø52/80	Ø52/80
Spindle Nose Size	C6	C6	C6
Spindle Taper Bore	MT6	MT6	MT6
Spindle Speed Range	40–1400 rpm (9 steps)	40–1400 rpm (9 steps)	40–1400 rpm (9 steps)
Metric Thread Range	0.25–14 mm (19 kinds)	0.25–14 mm (19 kinds)	0.25–14 mm (19 kinds)
Inch Thread Range	2–40	2–40	2–40
Cross Slide Travel (mm)	180	—	222
Small Tool Post Travel (mm)	95	95	95
Tailstock Sleeve Diameter × Travel / Taper	65 × 140 / MT4	65 × 140 / MT4	65 × 140 / MT4
Main Motor Power (kW)	4	4	5.5

Full model details, options and pricing: www.suntoncnc.com

Horizontal Lathe CQ6240

CQ Series



MODELS IN THIS SERIES

CQ6230A · CQ6236 · CQ6240

SUNTON CQ6240 horizontal lathe: 400 mm swing, 52 mm spindle bore and 65–1800 rpm speeds; CQ6230A and CQ6236 complete the range.

KEY SPECIFICATIONS

Specification	CQ6230A	CQ6236	CQ6240
Max. Swing Diameter over Bed (mm)	Ø310	360	400
Max. Swing Diameter over Carriage / Cross Slide (mm)	Ø180	210	250
Max. Swing Diameter in Gap / Saddle (mm)	Ø450	480	520
Max. Workpiece Length / Distance Between Centers (mm)	750/910	1080	1080
Bed Width (mm)	181	218	218
Spindle Bore (mm)	38	52	52
Taper of Spindle Bore	M.T. 5	M.T. #6	M.T. #6
Spindle Nose	—	D5	D5
Spindle Speed Range (rpm)	65–1810	65–1800	65–1800
Longitudinal Feed Range (mm/rev)	0.0527–1.2912	0.0527–1.2912	0.0527–1.2912
Cross Feed Range (mm/rev)	0.011–0.276	0.011–0.276	0.011–0.276
Metric Thread Range (mm)	0.4–7	0.4–7	0.4–7
Inch Thread Range	4–60 TPI	4–60 TPI	4–60 TPI
Taper of Tailstock Bore	M.T. 3	M.T. #4	M.T. #4
Motor Power (kW)	1.1 (3PH) / 1.5 (1PH)	2.2	2.2
Net Weight (kg)	—	630	630

Full model details, options and pricing: www.suntoncnc.com

Bench Lathe CZ1337V

GZ-CZ Series



MODELS IN THIS SERIES

GZ1237G-1 · CZ1337G-1 · CZ1237V · CZ1337V

SUNTON CZ1337V bench lathe: Ø350 mm swing, stepless 70–1700 rpm spindle and 940 mm between centres for toolroom and training work.

KEY SPECIFICATIONS

Specification	GZ1237G-1	CZ1337G-1	CZ1237V	CZ1337V
Max. Turning Diameter over Bed	Ø305 mm	Ø350 mm	Ø305 mm	Ø350 mm
Max. Swing Diameter over Carriage	Ø173 mm	Ø215 mm	Ø173 mm	Ø215 mm
Max. Swing Diameter in Saddle	Ø440 mm	Ø485 mm	Ø440 mm	Ø485 mm
Max. Workpiece Length, Two Centers (mm)	940	940	940	940
Spindle Bore Diameter	Ø38 mm	Ø38 mm	Ø38 mm	Ø38 mm
Spindle Inner Bore Taper	M.T. 5	M.T. 5	M.T. 5	M.T. 5
Spindle Head	D1-4	D1-4	D1-4	D1-4
Spindle Speed Series	9 steps	9 steps	Stepless speed regulation	Stepless speed regulation
Spindle Speed Range	64–1500 rpm	64–1500 rpm	Low 70–520 rpm; High 520–1700 rpm	Low 70–520 rpm; High 520–1700 rpm
Metric Thread	26 kinds, 0.4–7 mm	26 kinds, 0.4–7 mm	26 kinds, 0.4–7 mm	26 kinds, 0.4–7 mm
Inch Thread	34 kinds, 4–56 T.P.I.	34 kinds, 4–56 T.P.I.	34 kinds, 4–56 T.P.I.	34 kinds, 4–56 T.P.I.
Longitudinal Feed Range (mm/r)	0.052–1.392	0.052–1.392	0.052–1.392	0.052–1.392
Cross Feed Range (mm/r)	0.014–0.38	0.014–0.38	0.014–0.38	0.014–0.38
Main Motor Power	1.1 kW (1.5 HP)	1.1 kW (1.5 HP)	1.1 kW (1.5 HP)	1.1 kW (1.5 HP)
Host Dimensions, L × W × H (mm)	1780 × 760 × 760	1780 × 760 × 760	1780 × 760 × 760	1780 × 760 × 760
Host Weight, Net / Gross (kg)	390/440	390/440	390/440	390/440

Full model details, options and pricing: www.suntoncnc.com

Metal Band Sawing Machine GB4250

GB Series



MODELS IN THIS SERIES

GB4220 · GB4228 · GB4235 · GB4240 · GB-4250

SUNTON GB4250 metal band sawing machine: 500 mm cutting capacity, hydraulic clamping and 5.5 kW main motor; range starts at GB4220.

KEY SPECIFICATIONS

Specification	GB4220	GB4228	GB4235	GB4240	GB-4250
Sawing Capacity — Round (mm)	200	280	350	400	500
Sawing Capacity — W × H (mm)	200 × 200	280 × 280	350 × 350	400 × 400	500 × 500
Band Saw Blade Speed	27, 45, 69	27, 45, 69	27, 45, 69	27, 45, 69	27, 45, 69
Band Saw Blade Size (mm)	2650 × 27 × 0.9	3505 × 34 × 1.1	4115 × 34 × 1.1	4650 × 41 × 1.3	5800 × 41 × 1.3
Main Motor Power (kW)	1.5	2.2	3	4	5.5
Hydraulic Motor Power (kW)	0.55	0.55	0.55	0.75	0.75
Cooling Pump Power (kW)	0.04	0.04	0.04	0.04	0.125
Work Clamping	Manual	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Overall Dimensions (mm)	1300 × 800 × 1100	1860 × 1000 × 1400	2000 × 1100 × 1500	2380 × 1200 × 1500	2800 × 1300 × 2000

Full model details, options and pricing: www.suntoncnc.com

Horizontal Band Sawing Machine GB-280HA

GB Series



MODELS IN THIS SERIES

GB-220 · GB-280 · GB-280HA

SUNTON GB-280HA horizontal band saw: 280 mm capacity, automatic feeding and hydraulic vise for small-batch cutting; GB-220 and GB-280 included.

KEY SPECIFICATIONS

Specification	GB-220	GB-280	GB-280HA
Sawing Capacity — Round (mm)	220	280	280
Sawing Capacity — W × H (mm)	400W × 100H	350W × 250H	350W × 250H
Band Saw Blade Speed	21/34/43/60	27/40/54/68/80	20-90
Band Saw Blade Size (mm)	27 × 0.9 × 3045	27 × 0.9 × 3505	27 × 0.9 × 3505
Main Motor Power (kW)	1.5 (4P)	2.2 (4P)	2.2 (4P)
Hydraulic Motor Power (kW)	—	0.75	0.75
Cooling Pump Power (kW)	0.06	0.06	0.06
Work Clamping	Manual clamping	Hydraulic vise	Hydraulic vise
Saw Blade Tensioning	Manual	Manual	Manual
Main Transmission	Worm gear drive	Worm gear drive	Worm gear drive
Feeding Method	Auxiliary roller	Auxiliary roller	Automatic feeding
Workbench Height (mm)	640	690	690
Overall Dimensions (mm)	1600 × 610 × 1130	1800 × 1050 × 1550	2100 × 1800 × 1650

Full model details, options and pricing: www.suntoncnc.com

Double Column Band Sawing Machine G4240/50

G Series



MODELS IN THIS SERIES

GB4028B · GB4038 · G4228 · G4235 · G4230/50 · G4240/50

SUNTON G4240/50 double-column band saw: 400 mm round, 500W x 400H capacity and hydraulic clamping; GB4028B to G4235 complete the range.

KEY SPECIFICATIONS

Specification	GB4028B	GB4038	G4228	G4235	G4230/50	G4240/50
Sawing Capacity — Round (mm)	280	380	280	350	300	400
Sawing Capacity — W x H (mm)	300W x 220H	400W x 250H	400W x 280H	350W x 350H	500W x 300H	500W x 400H
Band Saw Blade Speed	25/35/45/60/80	20/40/60/75	25/36/47/58/80	25/35/50/65/83	30/50/75/95	26/38/52/70/90
Band Saw Blade Size (mm)	27 x 0.9 x 3505	34 x 1.1 x 4115	27 x 0.9 x 3620	34 x 1.1 x 4250	34 x 1.1 x 4180	34 x 1.1 x 4650
Main Motor Power (kW)	2.2 (4P)	3 (6P)	3 (4P)	3 (6P)	3 (4P)	3 (6P)
Hydraulic Motor Power (kW)	0.37	0.75	0.75	0.75	0.75	1.1
Cooling Pump Power (kW)	0.06	0.06	0.06	0.06	0.06	0.06
Work Clamping	Hydraulic vise	Hydraulic vise	Hydraulic vise	Hydraulic vise	Hydraulic vise	Hydraulic vise
Saw Blade Tensioning	Manual	Manual	Manual	Manual	Manual	Manual
Main Transmission	Worm gear drive	Worm gear drive	Worm gear drive	Worm gear drive	Worm gear drive	Worm gear drive
Feeding Method	Auxiliary roller	Auxiliary roller	Auxiliary roller	Auxiliary roller	Auxiliary roller	Auxiliary roller
Workbench Height (mm)	620	640	—	—	—	—
Overall Dimensions (mm)	1770 x 1130 x 1160	2000 x 1160 x 1310	1850 x 1000 x 1580	2120 x 1130 x 1560	1970 x 1320 x 1580	2400 x 1100 x 1730

Full model details, options and pricing: www.suntoncnc.com

Double Column Band Sawing Machine G4250/85

G Series



MODELS IN THIS SERIES

G4240/70 · G4250 · G4250/85 · G4255 · G4265

SUNTON G4250/85 double-column band saw: 850W x 500H capacity with 54 mm blade; G4240/70, G4250 and gantry G4255/G4265 complete the group.

KEY SPECIFICATIONS

Specification	G4240/70	G4250	G4250/85	G4255	G4265
Sawing Capacity — Round (mm)	400	500	400	550	650
Sawing Capacity — W x H (mm)	700W x 400H	500W x 500H	850W x 500H	550W x 550H	650W x 650H
Band Saw Blade Speed	19/30/50/65/80	25/45/75	25/45/85	30/50/80	20/40/65
Band Saw Blade Size (mm)	41 x 1.3 x 5080	41 x 1.3 x 5450	54 x 1.6 x 6400	41 x 1.3 x 6460	41 x 1.3 x 6860
Main Motor Power (kW)	4 (6P)	4 (6P)	5.5 (4P)	5.5 (6P)	5.5 (4P)
Hydraulic Motor Power (kW)	1.1	1.1	1.1	1.5	1.5
Cooling Pump Power (kW)	0.06	0.06	0.06	0.09	0.09
Work Clamping	Hydraulic vise	Hydraulic vise	Hydraulic vise	Hydraulic vise	Hydraulic vise
Saw Blade Tensioning	Manual	Manual	Manual	Manual	Manual
Main Transmission	Worm gear drive	Worm gear drive	Gear reducer	Worm gear drive	Gear reducer
Feeding Method	Auxiliary roller	Auxiliary roller	Auxiliary roller	Auxiliary roller / trolley type	Auxiliary roller / trolley type
Workbench Height (mm)	—	—	—	510	510
Overall Dimensions (mm)	2465 x 1200 x 1730	2635 x 1210 x 1885	3170 x 1470 x 1980	3030 x 1585 x 1990	3270 x 1540 x 2160

Full model details, options and pricing: www.suntoncnc.com

Gantry Band Sawing Machine G42250

G Series



MODELS IN THIS SERIES

G4280 · G42100 · G42120 · G42130 · G42150 · G42160 · G42180 · G42200 · G42250

SUNTON G42250 gantry band saw: 2500 mm cutting capacity, 22 kW main motor and hydraulic tensioning for the largest billets and blocks.

KEY SPECIFICATIONS

Specification	G4280	G42100	G42120	G42130	G42150	G42160
Sawing Capacity — Round (mm)	800	1000	1200	1300	1500	1600
Sawing Capacity — W × H (mm)	800W × 800H	1000W × 1000H	1200W × 1200H	1300W × 1300H	1500W × 1500H	1600W × 1600H
Band Saw Blade Speed	18-60 (stepless)	15-60 (stepless)	15-60 (stepless)	15-60 (stepless)	10-50	10-50
Band Saw Blade Size (mm)	67 × 1.6 × 8820	67 × 1.6 × 9820	67 × 1.6 × 10800	67 × 1.6 × 11180	80 × 1.6 × 14850	80 × 1.6 × 15380
Main Motor Power (kW)	7.5 (4P)	11 (4P)	15 (4P)	15 (4P)	18.5 (4P)	18.5 (4P)
Hydraulic Motor Power (kW)	2.25	3.75	3.75	3.75	5.5	5.5
Cooling Pump Power (kW)	0.09	0.09	0.09	0.09	0.37	0.37
Work Clamping	Front & rear hydraulic vise	Hydraulic vise	Hydraulic vise	Hydraulic vise	Hydraulic vise	Hydraulic vise
Saw Blade Tensioning	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Main Transmission	Gear reducer	Gear reducer	Gear reducer	Gear reducer	Gear reducer	Gear reducer
Feeding Method	Trolley type / roller type	Trolley type / roller type	Trolley type / roller type	Trolley type / roller type	Trolley type / roller type	Trolley type / roller type
Workbench Height (mm)	520	520	520	520	700	700
Overall Dimensions (mm)	4130 × 2150 × 2500	4560 × 2170 × 3040	4835 × 2180 × 3340	5050 × 2250 × 3380	6500 × 2300 × 4800	6800 × 2300 × 4900

Specification	G42180	G42200	G42250
Sawing Capacity — Round (mm)	1800	2000	2500
Sawing Capacity — W × H (mm)	1800W × 1800H	2000W × 2000H	2500W × 2500H

Specification	G42180	G42200	G42250
Band Saw Blade Speed	10-50	10-50	10-50
Band Saw Blade Size (mm)	80 × 1.6 × 17000	80 × 1.6 × 19450	80 × 1.6 × 21000
Main Motor Power (kW)	18.5 (4P)	22 (4P)	22 (4P)
Hydraulic Motor Power (kW)	5.5+1.5	7.5+1.5	7.5+1.5
Cooling Pump Power (kW)	0.37	0.37	0.09
Work Clamping	Hydraulic vise	Hydraulic vise	Hydraulic vise
Saw Blade Tensioning	Hydraulic	Hydraulic	Hydraulic
Main Transmission	Gear reducer	Gear reducer	Gear reducer
Feeding Method	Trolley type / roller type	Trolley type	Trolley type
Workbench Height (mm)	1050	1050	1050
Overall Dimensions (mm)	6800 × 4000 × 4100	8000 × 4000 × 5400	10520 × 4940 × 5880

Full model details, options and pricing: www.suntoncnc.com

Automatic Band Sawing Machine GZ4230

GZ Series



MODELS IN THIS SERIES

GZ4028 · GZ4228 · GZ4230

SUNTON GZ4230 automatic double-column band saw: 300 mm capacity, 500 mm single feed stroke and hydraulic vise for batch blanking.

KEY SPECIFICATIONS

Specification	GZ4028	GZ4228	GZ4230
Sawing Capacity — Round (mm)	280	280	300
Sawing Capacity — W × H (mm)	300W × 220H	350W × 280H	300W × 300H
Band Saw Blade Speed	25/35/50/60/80	25/35/50/60	30/50/75/95
Band Saw Blade Size (mm)	27 × 0.9 × 3505	27 × 0.9 × 3620	34 × 1.1 × 4115
Main Motor Power (kW)	2.2 (4P)	3.0 (4P)	3.0 (4P)
Hydraulic Motor Power (kW)	0.75	0.75	0.75
Cooling Pump Power (kW)	0.06	0.06	0.06
Work Clamping	Hydraulic vise	Hydraulic vise	Hydraulic vise
Saw Blade Tensioning	Manual	Manual	Manual
Single Feed Stroke (mm)	500	500	500
Overall Dimensions (mm)	1710 × 2330 × 1350	1840 × 2150 × 1350	2060 × 2195 × 1450

Full model details, options and pricing: www.suntoncnc.com

Automatic Band Sawing Machine GZ4240

GZ Series



MODELS IN THIS SERIES

GZ4240 · GZ4250

SUNTON GZ4240 automatic band saw: 400 mm capacity, servo ball-screw feeding, PLC touch-screen control; GZ4250 covers 500 mm.

KEY SPECIFICATIONS

Specification	GZ4240	GZ4250
Sawing Capacity — Round (mm)	400	500
Sawing Capacity — W × H (mm)	400W × 400H	500W × 500H
Band Saw Blade Speed	19/30/50/65/90	25/45/75
Band Saw Blade Size (mm)	34 × 1.1 × 4650	41 × 1.3 × 5450
Main Motor Power (kW)	4.0 (6P)	4.0 (6P)
Hydraulic Motor Power (kW)	0.75	0.75
Cooling Pump Power (kW)	0.06	0.06
Work Clamping	Hydraulic vise	Hydraulic vise
Saw Blade Tensioning	Manual	Manual
Main Transmission	Worm gear transmission	—
Feeding Method	Servo motor + ball screw	—
Single Feed Stroke (mm)	—	500
Workbench Height (mm)	600	—
Overall Dimensions (mm)	2265 × 2200 × 1550	2660 × 2600 × 1800

Full model details, options and pricing: www.suntoncnc.com

Angle Band Sawing Machine CH-400SA

CH Series



MODELS IN THIS SERIES

CH-300SA · CH-400SA

SUNTON CH-400SA angle band saw: 45 and 90 degree cutting to 500W x 400H, servo ball-screw feeding and hydraulic angle rotation.

KEY SPECIFICATIONS

Specification	CH-300SA	CH-400SA
Sawing Capacity (mm)	45°: 260, 260W × 300H; 90°: 300, 360W × 300H	45°: 350, 350W × 400H; 90°: 400, 500W × 400H
Band Saw Blade Speed (m/min)	20-80	20-80
Band Saw Blade Size (mm)	41 × 1.1 × 4420	41 × 1.3 × 5590
Main Motor Power (kW)	3.0	4.0
Hydraulic Motor Power (kW)	0.75	0.75
Cooling Pump Power (kW)	0.06	0.06
Work Clamping	Hydraulic vise	Hydraulic vise
Saw Blade Tensioning	Manual	Manual
Main Transmission	Worm gear transmission	Gear transmission
Feeding Method	Servo motor + ball screw	Servo motor + ball screw
Workbench Height (mm)	735	735
Overall Dimensions (mm)	2160 × 2200 × 1950	2915 × 2100 × 2180

Full model details, options and pricing: www.suntoncnc.com

Angle Band Sawing Machine CH-600SA

CH Series



MODELS IN THIS SERIES

CH-600SA

SUNTON CH-600SA angle band saw: 600 mm at 45 degrees, 700W x 600H at 90 degrees, 7.5 kW motor and 1000 mm feed stroke.

KEY SPECIFICATIONS

Specification	CH-600SA
Sawing Capacity (mm)	45°: 600; 90°: 700W x 600H
Band Saw Blade Speed (m/min)	20-90 (frequency conversion)
Band Saw Blade Size (mm)	41 x 1.3 x 8950
Main Motor Power (kW)	7.5
Hydraulic Motor Power (kW)	1.5
Cooling Pump Power (kW)	0.09
Single Feed Stroke (mm)	1000
Angle Rotation Mode	Hydraulic cylinder drive + rotary encoder
Hydraulic Tank Capacity (L)	100
Cooling Tank Capacity (L)	200
Feeding Method	Hydraulic automatic feeding (cylinder + grating ruler)
Workbench Height (mm)	990
Overall Dimensions (mm)	4400 x 3100 x 2400

Full model details, options and pricing: www.suntoncnc.com

Angle Band Sawing Machine GW4240/70Z

GW Series



MODELS IN THIS SERIES

GW4028/Z · GW4240/70Z

SUNTON GW4240/70Z angle band saw: worktable rotates 0-45 degrees for mitre cuts to 700W x 400H at 90 degrees; GW4028/Z included.

KEY SPECIFICATIONS

Specification	GW4028/Z	GW4240/70Z
Sawing Capacity (mm)	45°: 280, 220W x 200H; 90°: 280, 400W x 200H	45°: 400, 400W x 400H; 90°: 400, 700W x 400H
Band Saw Blade Speed (m/min)	30/50/80	20/30/43/54/65
Band Saw Blade Size (mm)	34 x 1.1 x 3860	41 x 1.3 x 5500
Main Motor Power (kW)	3 (4P)	4 (6P)
Hydraulic Motor Power (kW)	0.75	1.1
Cooling Pump Power (kW)	0.06	0.06
Work Clamping	Hydraulic vise	Hydraulic vise
Saw Blade Tensioning	Manual	Manual
Main Transmission	Worm gear transmission	Worm gear transmission
Feeding Method	Auxiliary roller table	Auxiliary roller table
Workbench Height (mm)	700	750
Overall Dimensions (mm)	1900 x 1450 x 1350	2640 x 1720 x 1870

Full model details, options and pricing: www.suntoncnc.com

NC Automatic Band Sawing Machine CH-330HA

CH Series



MODELS IN THIS SERIES

CH-330HA · CH-7040 · CH-7050

SUNTON CH-330HA NC automatic band saw: 330W x 330H capacity, touch-screen NC control and automatic feeding; CH-7040/7050 reach 700 mm wide.

KEY SPECIFICATIONS

Specification	CH-330HA	CH-7040	CH-7050
Sawing Capacity (mm)	300; 330W x 330H; 150W x 280H	400; 400 x 700	500; 700W x 500H
Band Saw Blade Speed (m/min)	25/44/63/81	20/35/50/65	17/25/35/45/55/65/75
Band Saw Blade Size (mm)	34 x 1.1 x 4115	41 x 1.3 x 5150	41 x 1.3 x 5400
Main Motor Power (kW)	4.0	4.0	5.5 (4P)
Hydraulic Motor Power (kW)	0.75	1.1	1.5
Cooling Pump Power (kW)	0.06	0.06	0.06
Work Clamping	Hydraulic vise	Hydraulic vise	Hydraulic vise
Saw Blade Tensioning	Manual	Hydraulic	Manual
Main Transmission	Worm gear drive	Worm gear drive	Worm gear reducer
Feeding Method	Automatic feeding	Automatic feeding	Auxiliary roller
Feeding Stroke (mm)	500	—	—
Machine Weight (kg)	2100	—	—
Overall Dimensions (mm)	2500 x 2260 x 1620	2610 x 1416 x 1685	2900 x 2300 x 1800

Full model details, options and pricing: www.suntoncnc.com

Vertical Band Sawing Machine G5385

G53 Series



MODELS IN THIS SERIES

G5385 · G53100 · G53125 · G53150

SUNTON G5385 slide-type vertical band saw: 850 mm sawing height, lengths to 10000 mm for slabs and die blocks; range to G53150.

KEY SPECIFICATIONS

Specification	G5385	G53100	G53125	G53150
Sawing Capacity — Height (mm)	850	1000	1250	1500
Sawing Capacity — Width (mm)	1000-1500	1000-1200	1000-2000	1000-2000
Sawing Capacity — Length (mm)	2000-10000	2000-10000	2000-10000	2000-10000
Band Saw Blade Size (mm)	54 × 1.6	54 × 1.6	67 × 1.6	67 × 1.6

Full model details, options and pricing: www.suntoncnc.com

Vertical Band Sawing Machine G5480

G54 Series



MODELS IN THIS SERIES

G5430 · G5445 · G5465 · G5480

SUNTON G5480 slide-type vertical band saw: 800 mm height, 2600 mm width and 90-degree blade twist for longitudinal cuts in castings and slabs.

KEY SPECIFICATIONS

Specification	G5430	G5445	G5465	G5480
Sawing Capacity — Height (mm)	300	450	650	800
Sawing Capacity — Width (mm)	2000	2200	2500	2600
Sawing Capacity — Length (mm)	2000-10000	2000-10000	2000-10000	2000-10000
Band Saw Blade Size (mm)	41 × 1.3	41 × 1.3	54 × 1.6	54 × 1.6

Full model details, options and pricing: www.suntoncnc.com

Vertical Band Sawing Machine G5340

G51/G53 Series



MODELS IN THIS SERIES

G5115 · G5125 · G5140 · G5315 · G5325 · G5340

SUNTON G5340 vertical band saw: 400 mm height, lengths 1000-6000 mm for die blanks and slabs; G51 small verticals from 150 mm height.

KEY SPECIFICATIONS

Specification	G5115	G5125	G5140	G5315	G5325	G5340
Sawing Capacity — Height (mm)	150	250	400	250	250	400
Sawing Capacity — Width (mm)	300	300	450	320	320	500
Sawing Capacity — Length (mm)	500-800	500-1000	500-1000	1000-6000	1000-6000	1000-6000
Band Saw Blade Size (mm)	27 × 0.9 × 2920	27 × 0.9 × 3150	34 × 1.1 × 3820	34 × 1.1 × 3280	34 × 1.1 × 3280	41 × 1.3 × 4270

Full model details, options and pricing: www.suntoncnc.com

Angle Vertical Band Sawing Machine G5250

G52 Series



MODELS IN THIS SERIES

G5250

SUNTON G5250 angle vertical band saw: plus/minus 45 and 90 degree cutting, stepless 20-70 blade speed and hydraulic tensioning.

KEY SPECIFICATIONS

Specification	G5250
Sawing Capacity (mm)	+45°: 400, 450W × 325H; -45°: 400, 450W × 250H; 90°: 400, 450W × 500H
Band Saw Blade Speed (m/min)	20-70 (stepless)
Band Saw Blade Size (mm)	34 × 1.1 × 5000
Main Motor Power (kW)	3
Hydraulic Motor Power (kW)	1.5
Cooling	Spray cooling
Work Clamping	Hydraulic clamping
Saw Blade Tensioning	Hydraulic tensioning
Main Transmission	Gear reducer
Angle Mode	Hydraulic
Workbench Height (mm)	1230
Overall Dimensions (mm)	3045 × 2010 × 2620

Full model details, options and pricing: www.suntoncnc.com

Vertical Band Sawing Machine G5360×160×600

G53 Series



MODELS IN THIS SERIES

G5360×160×600 · G5325×65×750

SUNTON G5360x160x600 vertical band saw: 1600 mm throat depth, 6000 mm stroke and PLC control for very large plate and block sawing.

KEY SPECIFICATIONS

Specification	G5360×160×600	G5325×65×750
Maximum Cutting Specification (mm)	Throat depth 1600; Height 600	Throat depth 650; Height 250
Maximum Effective Stroke (mm)	6000	7500
Band Saw Blade Speed (m/min)	18-70 (steplessly adjustable)	25-90 (frequency-conversion stepless)
Band Saw Blade Size (mm)	54 × 1.6 × 7780	41 × 1.3 × 5000
Main Motor Power (kW)	7.5	5.5
Lift Feed Motor Power (kW)	3.0	0.75
Hydraulic Motor Power (kW)	0.75 / 2.2	1.5
Cooling Pump Power (kW)	0.125	0.09
Chip Conveyor Power (kW)	0.4	—
Worktable Carrying Capacity (t)	20	—
Overall Dimensions (mm)	9300 × 5210 × 3100	10000 × 4500 × 2500

Full model details, options and pricing: www.suntoncnc.com

Hacksawing Machine G7025

G70 Series

MODELS IN THIS SERIES

G7025

SUNTON G7025 power hacksawing machine: 250 mm cutting capacity, 91 strokes per minute and 1.5 kW motor for simple, economical cutting.

KEY SPECIFICATIONS

Specification	G7025
Cutting Capacity, Round / Square (mm)	Ø250 × 250
Hacksaw Blade (mm)	450 × 35 × 2; 500 × 40 × 2
Number of Reciprocating Motions (/min)	91
Blade Stroke Length (mm)	152
Electric Motor Power (kW)	1.5 (single-phase or 3-phase)
Overall Dimensions, L × W × H (mm)	1150 × 570 × 820
Packing Dimensions, L × W × H (mm)	1550 × 700 × 1000
Machine Net Weight / Gross Weight (kg)	600/680

Full model details, options and pricing: www.suntoncnc.com

Surface Grinding Machine MY3070

M Series



MODELS IN THIS SERIES

MY3070 · M618 · M250 · MY250

SUNTON MY3070 surface grinder: 700 x 300 mm table, 730 x 320 mm grinding size and Ra 0.63 finish; M618, M250 and MY250 complete the range.

KEY SPECIFICATIONS

Specification	MY3070	M618	M250	MY250
Table Size (mm)	700 × 300	150 × 450	250 × 620	250 × 520
Maximum Grinding Size of Worktable (mm)	730 × 320	175 × 480	260 × 550	260 × 550
Wheel Centre to Table Distance (mm)	550	360	470	470
Handwheel — Vertical	0.01 mm/div, 2.00 mm/rev	0.01 mm/div, 2.00 mm/rev	0.01 mm/div, 2.00 mm/rev	0.01 mm/div, 2.00 mm/rev
Handwheel — Cross	0.02 mm/div, 5.00 mm/rev (ball screw)	0.02 mm/div, 4.00 mm/rev	0.02 mm/div, 5.00 mm/rev	0.02 mm/div, 5.00 mm/rev
Spindle Speed (r/min)	1450	2850	2850	2850
Motor Power (kW)	3 (optional 4)	1.1 (optional 1.5)	1.5 (optional 2.2)	1.5 (optional 2.2)
Pump Power (kW)	0.04	0.04	0.04	0.04
Wheel Size (mm)	Ø300 × 25 × Ø75	Ø175 × 13 × Ø31.75	Ø200 × 20 × Ø31.75	Ø200 × 20 × Ø31.75
Hydraulic Drive Motor (kW)	1.5	—	—	1.5
Chuck	Permanent magnet (electromagnetic optional), 300 × 600	150 × 400	Permanent magnet (electromagnetic optional), 200 × 400	250 × 500
Surface Roughness (µm)	≤ Ra 0.63	≤ Ra 0.63	≤ Ra 0.63	≤ Ra 0.63
Net Weight (kg)	2100	700	950	1100
Overall Dimensions (mm)	1900 × 1650 × 1900	1550 × 1110 × 1650	1800 × 1650 × 1900	1800 × 1650 × 1900

Full model details, options and pricing: www.suntoncnc.com

Universal Cylindrical Grinder M1432-1000

M Series



MODELS IN THIS SERIES

M1420-520 · M1420-750 · M1432-750 · M1432-1000

SUNTON M1432-1000 universal cylindrical grinder: 320 mm grinding diameter, 1050 mm between centres, 0.002 mm roundness; M1420 frames included.

KEY SPECIFICATIONS

Specification	M1420-520	M1420-750	M1432-750	M1432-1000
Maximum Swing Diameter (mm)	220	220	360	360
Distance Between Centres (mm)	550	780	780	1050
Centre Height (mm)	125	125	180	180
Maximum Grinding Diameter (mm)	Ø200	Ø200	Ø320	Ø320
Internal Grinding Diameter Range (mm)	8-80	8-80	30-100	30-100
Internal Grinding Depth (mm)	125	125	125	125
Maximum Workpiece Weight Between Centres (kg)	60	60	150	150
Wheel Size (mm)	Ø400 × 40 × 203	Ø400 × 40 × 203	Ø500 × 50 × 203	Ø500 × 50 × 203
Wheel Peripheral Speed (m/min)	38-45	38-45	38-45	38-45
Wheelhead Total Travel (mm)	150	150	250	250
Table Feed Speed (m/min)	0.1-4	0.1-4	0.1-4	0.1-4
Workhead Speed (r/min)	60, 85, 120, 170, 230, 460	60, 85, 120, 170, 230, 460	25, 50, 75, 110, 150, 220	25, 50, 75, 110, 150, 220
Workhead Swivel Angle	-30°-90°	-30°-90°	-30°-90°	-30°-90°
Wheelhead Motor Power (kW)	4	4	5.5	5.5
Roundness (mm)	0.002	0.002	0.002	0.002
Machine Weight (kg)	2100	2300	3300	3800

Full model details, options and pricing: www.suntoncnc.com

Hydraulic Surface Grinding Machine M7130

M Series



MODELS IN THIS SERIES

M7130 · M7140 · M7150 · M7163

SUNTON M7130 hydraulic surface grinder: 300 x 1000 mm table and stepless 3-25 m/min table speed; M7140, M7150 and M7163 extend the range.

KEY SPECIFICATIONS

Specification	M7130	M7140	M7150	M7163
Table Size (W × L) (mm)	300 × 1000	400 × 1000	500 × 1250	630 × 1250
Maximum Grinding Work Size (W × L × H) (mm)	300 × 1000 × 400	400 × 1000 × 525	500 × 1200 × 525	1250 × 630 × 500
Longitudinal Table Travel, Hydraulic (mm)	200-1110	200-1110	200-1110	200-1350
Table Speed, Stepless (m/min)	3-25	3-25	3-25	3-25
Wheel Centre to Table Distance (mm)	135-600	135-665	135-600	140-665
Grinding Wheel Size (mm)	Ø350 × 40 × Ø127	Ø350 × 40 × Ø127	Ø350 × 40 × Ø127	Ø400 × 40 × Ø203
Transverse Feed per Table Cycle (mm/min)	0.3-3	0.3-3	0.3-3	0.3-3
Vertical Feed Handwheel Minimum Division (mm)	0.01	0.01	0.01	0.006
Grinding Head Motor Power (kW)	5.5	7.5	7.5	11
Grinding Head Motor Speed (r/min)	1440	1440	1440	1440
Hydraulic Pump Flow (L/min)	100	100	100	180
Total Electrical Capacity (kW)	10	12	12	22
Electromagnetic Chuck Size (W × L) (mm)	300 × 1000	400 × 1000	300 × 1000	630 × 1250
Overall Dimensions (mm)	3000 × 1700 × 2200	3750 × 2025 × 2350	3650 × 2025 × 2350	3350 × 2400 × 2500
Net Weight (kg)	4600	4600	5000	7000

Full model details, options and pricing: www.suntoncnc.com

Crankshaft Grinding Machine M8240

M Series



MODELS IN THIS SERIES

M8240

SUNTON M8240 crankshaft grinder: 0-80 mm crank radius, 500 mm workpiece length, 750 mm wheel and 9.87 kW total power.

KEY SPECIFICATIONS

Specification	M8240
Crankshaft Crank Radius (mm)	0-80
Longitudinal Grinding Outer Diameter (mm)	30-200
Maximum Workpiece Length (mm)	500
Maximum Workpiece Weight (kg)	80
Centre Height (mm)	220
Maximum Workpiece Swing Diameter on Table (mm)	400
Workhead Spindle Speed (r/min)	42/65/84/130
Wheelhead Spindle Speed (r/min)	930
Wheelhead Maximum Travel (mm)	275
Wheel Size, OD × W × ID (mm)	750 × 40 × 305
Handwheel per Division — Wheelhead, Coarse / Fine (mm)	0.01 / 0.0025
Table Hydraulic Longitudinal Speed (m/min)	0.1-4
Maximum Longitudinal Table Travel (mm)	1000

Specification	M8240
Total Motor Power (kW)	9.87
Wheel Motor Power (kW)	7.5
Machine Weight (kg)	4500

Full model details, options and pricing: www.suntoncnc.com

Crankshaft Grinding Machine MQ8260

M Series



MODELS IN THIS SERIES

MQ8260

SUNTON MQ8260 crankshaft grinder: 1600 mm grindable length, 110 mm crank radius, 580 mm swing and 10.22 kW total power.

KEY SPECIFICATIONS

Specification	MQ8260
Maximum Workpiece Swing Diameter on Table (mm)	580
Maximum Crankshaft Crank Radius (mm)	110
Grindable Diameter on Centre Rest (mm)	30-100
Maximum Grindable Length (mm)	1600
Distance Between Centres (mm)	1600
Three-Jaw Chuck Spacing (mm)	1500
Maximum Workpiece Weight (kg)	120
Centre Height (mm)	300
Workhead Spindle Speed (r/min)	25/50/100
Wheelhead Spindle Speed (r/min)	760
Wheelhead Maximum Travel Along Screw (mm)	200
Wheelhead Movement per Feed Handwheel Division (mm)	0.005
Maximum Longitudinal Table Travel (mm)	1600
Total Motor Power (kW)	10.22

Specification	MQ8260
Wheel Motor Power (kW)	7.5
Machine Weight, Net (kg)	6710

Full model details, options and pricing: www.suntoncnc.com

Gantry Planer Milling Machine BXM220A

BXM Series



MODELS IN THIS SERIES

BXM220A · BXM220B · BXM220C · BXM220D · BXM220E · BXM225B · BXM225C · BXM225D · BXM230B

SUNTON BXM220A gantry planer milling machine: workpieces to 12000 mm long and 48000 kg, stepless table drive for planing, milling and grinding.

KEY SPECIFICATIONS

Specification	BXM220A	BXM220B	BXM220C	BXM220D	BXM220E
Max. Workpiece Size — Length (mm)	4000	6000	8000	10000	12000
Max. Workpiece Size — Width (mm)	2000	2000	2000	2000	2000
Max. Workpiece Size — Height (mm)	1500	1500	1500	1500	1500
Maximum Machining Weight (kg)	18000	22000	32000	40000	48000
Motor Power (kW)	30	37	45	55	55
Worktable Area — Length (mm)	4000	6000	8000	10000	12000
Worktable Area — Width (mm)	1600	1600	1600	1600	1600
Worktable Allowable Rack Pull (N)	100000	100000	100000	100000	100000
Worktable Travel Speed (stepless)	0.08–30	0.08–30	0.08–30	0.08–30	0.08–30
Distance Between Two Columns (mm)	2020	2020	2020	2020	2020
Vertical Tool Head Feed — Horizontal (mm)	0.2–25 (stepless)	0.2–25 (stepless)	0.2–25 (stepless)	0.2–25 (stepless)	0.2–25 (stepless)
Vertical Tool Head Feed — Vertical (mm)	0.2–12 (stepless)	0.2–12 (stepless)	0.2–12 (stepless)	0.2–12 (stepless)	0.2–12 (stepless)
Side Tool Head Feed (mm)	0.2–25 (stepless)	0.2–25 (stepless)	0.2–25 (stepless)	0.2–25 (stepless)	0.2–25 (stepless)
Crossbeam Lifting Speed (mm/min)	360	360	360	360	360

Specification	BXM220A	BXM220B	BXM220C	BXM220D	BXM220E
Max. Section of Planer Tool Bar (mm)	60 × 60	60 × 60	60 × 60	60 × 60	60 × 60
Overall Dimensions (mm)	8700 × 4300 × 3500	12700 × 4300 × 3500	16700 × 4300 × 3500	20700 × 4300 × 3500	24700 × 4300 × 3500

Specification	BXM225B	BXM225C	BXM225D	BXM230B
Max. Workpiece Size — Length (mm)	6000	8000	10000	12000
Max. Workpiece Size — Width (mm)	2500	2500	2500	3000
Max. Workpiece Size — Height (mm)	1500	1500	1500	2000
Maximum Machining Weight (kg)	28000	35000	45000	50000
Motor Power (kW)	45	55	75	75
Worktable Area — Length (mm)	6000	8000	10000	12000
Worktable Area — Width (mm)	2200	2200	2200	2600
Worktable Allowable Rack Pull (N)	100000	100000	100000	100000
Worktable Travel Speed (stepless)	0.08-30	0.08-30	0.08-30	0.08-30
Distance Between Two Columns (mm)	2520	2520	2520	3020
Vertical Tool Head Feed — Horizontal (mm)	0.2-25 (stepless)	0.2-25 (stepless)	0.2-25 (stepless)	0.2-25 (stepless)
Vertical Tool Head Feed — Vertical (mm)	0.2-12 (stepless)	0.2-12 (stepless)	0.2-12 (stepless)	0.2-12 (stepless)
Side Tool Head Feed (mm)	0.2-25 (stepless)	0.2-25 (stepless)	0.2-25 (stepless)	0.2-25 (stepless)
Crossbeam Lifting Speed (mm/min)	360	360	360	360
Max. Section of Planer Tool Bar (mm)	60 × 60	60 × 60	60 × 60	60 × 60
Overall Dimensions (mm)	12700 × 4800 × 4200	16700 × 4800 × 4200	20700 × 4800 × 4200	24700 × 5300 × 4650

Full model details, options and pricing: www.suntoncnc.com

Gantry Planer Milling Machine BXM2016A

BXM Series



MODELS IN THIS SERIES

BXM2016A · BXM2016B · BXM2016C · BXM2016D · BXM220A · BXM220B · BXM220C · BXM220D · BXM220E

SUNTON BXM2016A extra-heavy gantry planer milling machine: workpieces to 8000 mm and 12000 kg on the 2016 frame; 220 frame to 18000 kg.

KEY SPECIFICATIONS

Specification	BXM2016A	BXM2016B	BXM2016C	BXM2016D	BXM220A	BXM220B
Max. Workpiece Size — Length (mm)	3000	4000	6000	8000	4000	6000
Max. Workpiece Size — Width (mm)	1600	1600	1600	1600	2000	2000
Max. Workpiece Size — Height (mm)	1200	1200	1500	1500	1500	1500
Maximum Machining Weight (kg)	6000	8000	10000	12000	10000	12000
Motor Power (kW)	22	22	30	37	30	30
Worktable Area — Length (mm)	3000	4000	6000	8000	4000	6000
Worktable Area — Width (mm)	1200	1200	1200	1200	1600	1600
Worktable Travel Speed (stepless)	0.08-30	0.08-30	0.08-30	0.08-30	0.08-30	0.08-30
Distance Between Two Columns (mm)	1620	1620	1620	1620	2020	2020
Crossbeam Lifting Speed (mm/min)	360	360	360	360	360	360

Specification	BXM220C	BXM220D	BXM220E
Max. Workpiece Size — Length (mm)	8000	10000	12000
Max. Workpiece Size — Width (mm)	2000	2000	2000

Specification	BXM220C	BXM220D	BXM220E
Max. Workpiece Size — Height (mm)	1500	1500	1500
Maximum Machining Weight (kg)	14000	16000	18000
Motor Power (kW)	37	37	45
Worktable Area — Length (mm)	8000	10000	12000
Worktable Area — Width (mm)	1600	1600	1600
Worktable Travel Speed (stepless)	0.08-30	0.08-30	0.08-30
Distance Between Two Columns (mm)	2020	2020	2020
Crossbeam Lifting Speed (mm/min)	360	360	360

Full model details, options and pricing: www.suntoncnc.com

Gantry Planer Milling Machine BXMQ2017D

BXMQ Series



MODELS IN THIS SERIES

BXMQ2010A · BXMQ2013A · BXMQ2013C · BXMQ2016B · BXMQ2016D · BXMQ2017B · BXMQ2017C · BXMQ2017D

SUNTON BXMQ2017D light gantry planer milling machine: workpieces to 12000 mm and 15000 kg; range starts at BXMQ2010A for 3000 mm parts.

KEY SPECIFICATIONS

Specification	BXMQ2010A	BXMQ2013A	BXMQ2013C	BXMQ2016B	BXMQ2016D	BXMQ2017B
Max. Workpiece Size — Length (mm)	3000	3000	4000	4000	6000	8000
Max. Workpiece Size — Width (mm)	1000	1300	1300	1600	1600	1700
Max. Workpiece Size — Height (mm)	1000	1000	1000	1200	1200	1500
Maximum Machining Weight (kg)	3000	5000	6000	6000	8000	10000
Motor Power (kW)	15	15	22	22	22	30
Worktable Area — Length (mm)	3000	3000	4000	4000	6000	8000
Worktable Area — Width (mm)	700	900	900	1200	1200	1300
Worktable Travel Speed (stepless)	0.08-30	0.08-30	0.08-30	0.08-30	0.08-30	0.08-30
Distance Between Two Columns (mm)	1040	1320	1320	1620	1620	1720
Crossbeam Lifting Speed (mm/min)	360	360	360	360	360	360

Specification	BXMQ2017C	BXMQ2017D
Max. Workpiece Size — Length (mm)	10000	12000
Max. Workpiece Size — Width (mm)	1700	1700

Specification	BXMQ2017C	BXMQ2017D
Max. Workpiece Size — Height (mm)	1500	1500
Maximum Machining Weight (kg)	12000	15000
Motor Power (kW)	30	37
Worktable Area — Length (mm)	10000	12000
Worktable Area — Width (mm)	1300	1300
Worktable Travel Speed (stepless)	0.08-30	0.08-30
Distance Between Two Columns (mm)	1720	1720
Crossbeam Lifting Speed (mm/min)	360	360

Full model details, options and pricing: www.suntoncnc.com

Face Milling Machine X1230

X Series



MODELS IN THIS SERIES

X1220 · X1230

SUNTON X1230 face milling machine: 1200 x 3000 mm table, 7.5 kW spindle and NT50 taper for end-face and plane milling; X1220 included.

KEY SPECIFICATIONS

Specification	X1220	X1230
Table Area, Width x Length (mm)	1200 × 2000	1200 × 3000
Table Feed Speed	Stepless	Stepless
Worktable Motor Power (kW)	3	4
Spindle Motor Power (kW)	7.5	7.5
Spindle Box Lift Motor Power (kW)	1.5	1.5
Headstock Lift Stroke (mm)	800	800
Horizontal Stroke of Headstock (mm)	300	300
Spindle Speed, 6 Steps (r/min)	100-685	100-685
Spindle Taper	N.T. NO.50	N.T. NO.50
Overall Dimensions (mm)	5300 × 2650 × 2450	7300 × 2650 × 2450

Full model details, options and pricing: www.suntoncnc.com

Gantry Milling Machine X2025-60

X Series



MODELS IN THIS SERIES

X2014-20 · X2014-30 · X2014-40 · X2014-60 · X2016-30 · X2016-40 · X2016-60 · X2020-40 · X2020-60 · X2025-40 · X2025-60

SUNTON X2025-60 heavy gantry milling machine: workpieces to 6000 x 2500 mm and 14000 kg, ISO50 spindle; 11 models from X2014-20 up.

KEY SPECIFICATIONS

Specification	X2014-20	X2014-30	X2014-40	X2014-60	X2016-30	X2016-40
Table Area, Width x Length (mm)	1000 x 2000	1000 x 3000	1000 x 3000	1000 x 3000	1000 x 3000	1000 x 3000
Table Feed Speed (mm/min)	30-300	30-300	30-300	30-300	30-300	30-300
Table Rapid Traverse Speed (mm/min)	2500	2500	2500	2500	2500	2500
Worktable Motor Power (kW)	4	5.5	5.5	5.5	5.5	5.5
Worktable Load Capacity (kg)	4000	5000	6000	7000	7000	8000
Max. Workpiece Size — Length (mm)	2000	3000	4000	6000	3000	4000
Max. Workpiece Size — Width (mm)	1400	1400	1400	1400	1600	1600
Max. Workpiece Size — Height (mm)	800	800	800	1200	1200	1200
Distance Between Two Columns (mm)	1450	1450	1450	1450	1620	1620
Spindle Motor Power (kW)	7.5	7.5	7.5	7.5	7.5	7.5
Spindle End Specification	ISO50	ISO50	ISO50	ISO50	ISO50	ISO50

Specification	X2016-60	X2020-40	X2020-60	X2025-40	X2025-60
Table Area, Width x Length (mm)	1000 x 3000	1000 x 3000	1000 x 3000	1000 x 3000	1000 x 3000
Table Feed Speed (mm/min)	30-300	30-300	30-300	30-300	30-300

Specification	X2016-60	X2020-40	X2020-60	X2025-40	X2025-60
Table Rapid Traverse Speed (mm/min)	2500	2500	2500	2500	2500
Worktable Motor Power (kW)	7.5	5.5	11	11	11
Worktable Load Capacity (kg)	10000	9000	12000	10000	14000
Max. Workpiece Size — Length (mm)	6000	4000	6000	4000	6000
Max. Workpiece Size — Width (mm)	1600	2000	2000	2500	2500
Max. Workpiece Size — Height (mm)	1200	1500	1500	1500	1500
Distance Between Two Columns (mm)	1620	2020	2020	2520	2520
Spindle Motor Power (kW)	7.5	7.5	7.5	11	11
Spindle End Specification	ISO50	ISO50	ISO50	ISO50	ISO50

Full model details, options and pricing: www.suntoncnc.com

Gantry Milling Machine XQ2016-30

XQ Series



MODELS IN THIS SERIES

XQ2014-20 · XQ2014-30 · XQ2016-30

SUNTON XQ2016-30 light gantry milling machine: workpieces to 3000 x 1600 mm and 5000 kg load, ISO50 spindle and 7.5 kW spindle motor.

KEY SPECIFICATIONS

Specification	XQ2014-20	XQ2014-30	XQ2016-30
Table Area, Width x Length (mm)	1000 x 2000	1000 x 3000	1200 x 3000
Table Feed Speed (mm/min)	20-570	20-820	20-820
Worktable Motor Power (kW)	4	5.5	5.5
Worktable Load Capacity (kg)	2000	3000	5000
Max. Workpiece Size — Length (mm)	2000	3000	3000
Max. Workpiece Size — Width (mm)	1400	1400	1600
Max. Workpiece Size — Height (mm)	800	800	800
Distance Between Two Columns (mm)	1450	1450	1620
Spindle Motor Power (kW)	7.5	7.5	7.5
Spindle End Specification	ISO50	ISO50	ISO50

Full model details, options and pricing: www.suntoncnc.com

Cylinder Boring Machine T8018

T Series



MODELS IN THIS SERIES

T8018B · T8018C

SUNTON T8018 cylinder boring machine: 30-180 mm boring diameter and up to 650 mm depth for engine block reconditioning.

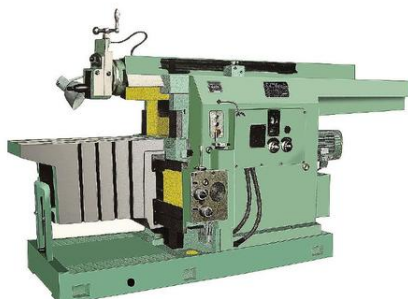
KEY SPECIFICATIONS

Specification	T8018B	T8018C
Boring Diameter (mm)	30-180	42-180
Maximum Boring Depth (mm)	450	650
Spindle Speed (r/min)	175, 230, 300, 350, 460, 600	175, 230, 300, 350, 460, 600
Spindle Feedrate (mm/r)	0.05, 0.10, 0.20	0.05, 0.10, 0.20
Machine Tool Power (kW)	3.75	3.75
Overall Dimensions (mm)	2000 × 1235 × 1920	2680 × 1500 × 2325
Package Size (mm)	1400 × 1400 × 2250	1578 × 1910 × 2575
Net Weight / Gross Weight (kg)	2000/2200	3500/3700

Full model details, options and pricing: www.suntoncnc.com

Hydraulic Shaper BY-60100C

BY Series



MODELS IN THIS SERIES

BY-60100C

SUNTON BY-60100C hydraulic shaper: 1000 mm planing length, 2800 N cutting force and 7.5 kW main motor with stepless ram speed.

KEY SPECIFICATIONS

Specification	BY-60100C
Maximum Planing Length (mm)	1000
Working Stroke Speed of Ram, Stepless	—
Distance from Bottom Surface of Ram to Work Surface (mm)	80-400
Maximum Cutting Force (N)	2800
Maximum Travel of Tool Rest (mm)	160
Planer Tool Shank Largest Size, W × T (mm)	30 × 45
Working Surface Size, L × W (mm)	1000 × 500
T-Slot in Center of Table (mm)	22
Maximum Horizontal Travel of Table (mm)	800
Table Horizontal Feed per Ram Stroke, Stepless (mm)	0.25-5
Main Motor (kW)	7.5
Table Fast-Moving Motor (kW)	0.75
Overall Dimensions, L × W × H (mm)	3615 × 1574 × 1760

Specification	BY-60100C
Net Weight / Gross Weight (kg)	4200/4350

Full model details, options and pricing: www.suntoncnc.com

Shaper BC60100

BC Series



MODELS IN THIS SERIES

BC6063 · BC6066 · BC6085 · BC60100

SUNTON BC60100 shaper: 1000 mm planing length and 5.5 kW motor; BC6063, BC6066 and BC6085 cover 630-850 mm strokes.

KEY SPECIFICATIONS

Specification	BC6063	BC6066	BC6085	BC60100
Maximum Planing Length (mm)	630	660	850	1000
Max. Distance from Bottom of Ram to Table Surface (mm)	385	385	400	400
Maximum Horizontal Travel of Worktable (mm)	630	630	710	710
Maximum Vertical Table Travel (mm)	360	360	360	360
Working Surface Size, L x W (mm)	630 x 400	660 x 400	800 x 450	800 x 450
Tool Travel (mm)	120	120	160	160
Ram Strokes per Minute	14, 20, 28, 40, 56, 80	14, 20, 28, 40, 56, 80	17, 24, 35, 50, 70, 100	17, 24, 35, 50, 70, 100
Tool Holder Rotation Angle	±60°	±60°	±60°	±60°
Planer Tool Shank Largest Size, W x T (mm)	20 x 30	20 x 30	25 x 35	25 x 35
Table Feed Range — Horizontal, 12 Steps (mm)	0.4–5.0	0.4–5.0	0.25–3	0.25–3
Table Feed Range — Vertical, 12 Steps (mm)	0.08–1.00	0.08–1.00	0.12–1.5	0.12–1.5
T-Slot in Center of Table (mm)	18	18	22	22
Main Motor Power (kW)	3	3	5.5	5.5
Overall Dimensions, L x W x H (mm)	2000 x 1300 x 1550	2357 x 1225 x 1480	2950 x 1325 x 1693	2950 x 1325 x 1693

Specification	BC6063	BC6066	BC6085	BC60100
Net Weight / Gross Weight (kg)	1750/1870	1800/1920	2940/3090	2940/3090

Full model details, options and pricing: www.suntoncnc.com

Shaper B635A

B Series



MODELS IN THIS SERIES

B635A

SUNTON B635A shaper: 350 mm planing length, swivelling table with or without vice and 1.5 kW motor for toolroom work.

KEY SPECIFICATIONS

Specification	B635A
Maximum Planing Length (mm)	350
Max. Distance from Bottom of Ram to Table Surface (mm)	330
Maximum Table Travel — Horizontal (mm)	400
Maximum Table Travel — Vertical (mm)	270
Maximum Displacement of Ram (mm)	170
Maximum Table Swivel Angle — Without Vice	±90°
Maximum Table Swivel Angle — With Vice	±55°
Maximum Vertical Stroke of Tool Head (mm)	110
Ram Reciprocating Strokes per Minute	32, 50, 80, 125
Table Feed per Ram Stroke — Ratchet 1 Tooth, Vertical / Horizontal (mm)	0.18 / 0.21
Table Feed per Ram Stroke — Ratchet 4 Teeth, Vertical / Horizontal (mm)	0.73 / 0.84
Motor	1.5 kW, 1400 r/min
Packing Case Dimensions (mm)	1530 × 930 × 1370

Specification	B635A
Net Weight / Gross Weight (kg)	1000/1200

Full model details, options and pricing: www.suntoncnc.com

Gear Hobbing Machine Y3150

Y Series



MODELS IN THIS SERIES

Y3150 · Y3180

SUNTON Y3150 gear hobbing machine: module 5 steel / 6 cast iron, gears to 500 mm and grade-7 accuracy; Y3180 covers module 6/8.

KEY SPECIFICATIONS

Specification	Y3150	Y3180
Max. Cutting Module — Steel (mm)	5	6
Max. Cutting Module — Cast Iron (mm)	6	8
Max. Spur Gear Diameter — With Outrigger Support (mm)	350	450
Max. Spur Gear Diameter — Without Outrigger Support (mm)	500	800
Max. Helical Gear Diameter at 30° Swivel (mm)	370	500
Max. Helical Gear Diameter at 45° Swivel (mm)	250	190
Maximum Vertical Stroke of Hob (mm)	260	420
Maximum Hobbing Length (mm)	240	380
Interchangeable Hob Arbor Diameter (mm)	22/27/32	22
Maximum Hob Diameter (mm)	120	—
Hob Spindle Speed — Steps / Range (r/min)	8 steps, 50–275	8 steps, 40–200
Vertical Hob Feed per Workpiece Revolution (mm/rev)	0.24–4.25	0.4–4

Specification	Y3150	Y3180
Main Motor Power (kW)	3	5.5
Machine Weight with Accessories (kg)	2600	3850
Overall Dimensions, L × W × H (mm)	1825 × 935 × 1730	2377 × 1255 × 2030

Full model details, options and pricing: www.suntoncnc.com

Slotting Machine B5020

B Series



MODELS IN THIS SERIES

B5020 · B5032 · B5050

SUNTON B5020 slotting machine: 200 mm slotting length and 500 mm rotary table for keyways; B5032 and B5050 extend to 320 and 500 mm strokes.

KEY SPECIFICATIONS

Specification	B5020	B5032	B5050
Ram Stroke (mm)	220	340	500
Maximum Length of Ram Slotting (mm)	200	320	—
Ram Movement Times (strokes/min)	32, 50, 80, 125	20, 32, 50, 80	9, 12.5, 18, 25, 36, 50
Ram Tilt Angle	0–8°	0–8°	10°
Table Diameter (mm)	500	630	1000
Vertical Adjustment of Ram Distance (mm)	230	315	430
Maximum Table Longitudinal Movement (mm)	500	630	1000
Maximum Table Lateral Movement (mm)	500	560	660
Maximum Swivel Angle of Table	360°	360°	360°
Table Longitudinal/Lateral Motorised Feed Range (mm)	0.08–1.21	0.08–1.21	0.1–1.2
Rotary Table Feed Range (mm)	0.052–0.783	0.052–0.783	—
Motor Power (kW)	3	4	—
Motor Speed (r/min)	1430	960	—
Machine Net Weight (kg)	2200	3000	—
Overall Dimensions (mm)	1916 × 1305 × 1995	2261 × 1495 × 2245	3480 × 2085 × 3307

Full model details, options and pricing: www.suntoncnc.com

EXTENDED RANGE

Additional machining-center, lathe and 5-axis series, available alongside the main range. These series continue in production and are quoted on the same terms — configuration, testing and export documentation included.

CNC Lathes	4 series · 8 models
Vertical Machining Centers	1 series · 6 models
Horizontal Machining Centers	1 series · 2 models
Gantry Machining Centers	2 series · 11 models
5-Axis Machining Centers	8 series · 27 models

EXTENDED RANGE · CNC LATHES

CNC Lathe SL-560

SL Series · Slant Bed



MODELS IN THIS SERIES

SL-520 · SL-560

SUNTON SL slant bed CNC lathes: 560 mm swing, $\Phi 50$ mm bar capacity, 8-station turret, fast chip evacuation for shaft and disc parts.

Full specifications and model comparison: www.suntoncnc.com

EXTENDED RANGE · CNC LATHES

CNC Lathe SL-700

SL Series · Slant Bed



MODELS IN THIS SERIES

SL-700

SUNTON SL-700 heavy slant bed CNC lathe: $\Phi 700$ mm swing, lengths to 3000 mm, $\Phi 130$ mm spindle bore, 12T hydraulic turret.

Full specifications and model comparison: www.suntoncnc.com

EXTENDED RANGE · CNC LATHES

CNC Lathe SL-6180

SL Series · Flat Bed



MODELS IN THIS SERIES

SL-6180 · SL-61100 · SL-61125

SUNTON SL flat bed CNC lathes up to $\Phi 1250$ mm swing and $\Phi 105$ mm spindle bore, geared headstock for heavy turning.

Full specifications and model comparison: www.suntoncnc.com

EXTENDED RANGE · CNC LATHES

CNC Lathe SL-6150

SL Series · Flat Bed



MODELS IN THIS SERIES

SL-6150 · SL-6163

SUNTON SL-6150 / SL-6163 flat bed CNC lathes: $\Phi 500$ / $\Phi 630$ mm swing, $\Phi 82$ mm bore, 3-range stepless spindle for general turning.

Full specifications and model comparison: www.suntoncnc.com

Vertical Machining Center SV-855

SV Series



MODELS IN THIS SERIES

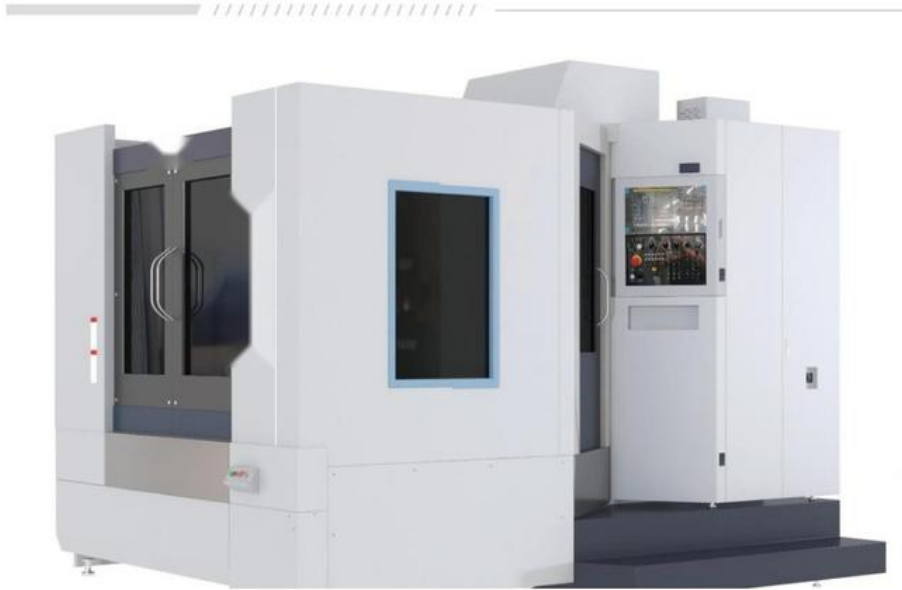
SV-855 · SV-1160 · SV-1265 · SV-1370 · SV-1375 · SV-1580

SUNTON SV vertical machining centers: 48 m/min rapids, ± 0.005 mm positioning, BT40 8000 rpm spindle, tables up to 1600×800 mm.

Full specifications and model comparison: www.suntoncnc.com

Horizontal Machining Center SH-630

SH Series



MODELS IN THIS SERIES

SH-630 · SH-800

SUNTON SH horizontal machining centers with indexing rotary table, BT50 spindle and 30-tool magazine for box-type parts.

Full specifications and model comparison: www.suntoncnc.com

Gantry Machining Center SG-2016

SG Series



MODELS IN THIS SERIES

SG-1614 · SG-2016 · SG-2518 · SG-2720

SUNTON SG series gantry machining center for large and heavy workpieces: BT50 spindle, travels up to 2700/2000/1000 mm, table load up to 8000 kg.

Full specifications and model comparison: www.suntoncnc.com

Gantry Machining Center SG-4028

SG Series



MODELS IN THIS SERIES

SG-3220 · SG-3025 · SG-4220 · SG-4025 · SG-4028 · SG-5025 · SG-6025

SUNTON SG large gantry machining centers up to 6000 mm X travel and 20000 kg table load, BT50 spindle, Mitsubishi M80B or FANUC control.

Full specifications and model comparison: www.suntoncnc.com

EXTENDED RANGE · 5-AXIS MACHINING CENTERS

5-Axis Machining Center SU-600

SU Series



MODELS IN THIS SERIES

SU-400 · SU-500 · SU-600 · SU-700

SUNTON SU vertical 5-axis machining centers with RTCP, direct-drive rotary table and 12000 rpm BT40 spindle for complex parts.

Full specifications and model comparison: www.suntoncnc.com

EXTENDED RANGE · 5-AXIS MACHINING CENTERS

5-Axis Machining Center SUV-500

SUV Series



MODELS IN THIS SERIES

SUV-400 · SUV-500 · SUV-600 · SUV-700

SUNTON SUV vertical 5-axis machining centers: longer travels up to 1200 mm X, direct-drive rotary tables, RTCP control.

Full specifications and model comparison: www.suntoncnc.com

EXTENDED RANGE · 5-AXIS MACHINING CENTERS

5-Axis Machining Center SUB-500

SUB Series · Bull Head



MODELS IN THIS SERIES

SUB-500 · SUB-650

SUNTON SUB bull-head 5-axis machining centers with Siemens 840/ONE, full closed-loop scales and 1.5 s tool change.

Full specifications and model comparison: www.suntoncnc.com

EXTENDED RANGE · 5-AXIS MACHINING CENTERS

5-Axis Machining Center SUA-500

SUA Series · Bridge Type



MODELS IN THIS SERIES

SUA-500 · SUA-650 · SUA-800

SUNTON SUA bridge-type 5-axis machining centers: cradle AC direct-drive table, 20000 rpm HSK-A63 spindle, full-axis scales.

Full specifications and model comparison: www.suntoncnc.com

EXTENDED RANGE · 5-AXIS MACHINING CENTERS

5-Axis Machining Center SUH-800

SUH Series · Horizontal



MODELS IN THIS SERIES

SUH-800 · SUH-1000 · SUH-1250

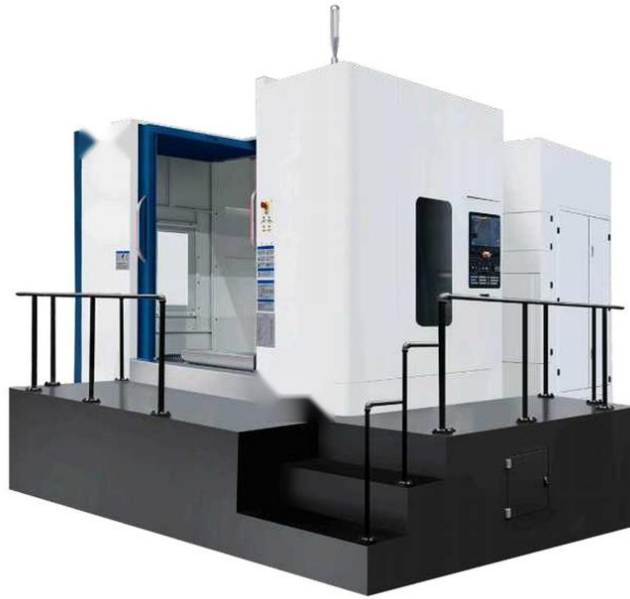
SUNTON SUH horizontal 5-axis machining centers with 45° direct-drive milling head, SINUMERIK ONE and 45-tool magazine.

Full specifications and model comparison: www.suntoncnc.com

EXTENDED RANGE · 5-AXIS MACHINING CENTERS

5-Axis Machining Center SUH-1000H

SUH-H Series · Horizontal Heavy-Duty



MODELS IN THIS SERIES

SUH-1000H · SUH-1250H · SUH-1600H

SUNTON SUH-H heavy-duty horizontal 5-axis centers: HSK A100 spindle, 54 kW / 240 N·m, swing up to $\Phi 1600$ mm.

Full specifications and model comparison: www.suntoncnc.com

EXTENDED RANGE · 5-AXIS MACHINING CENTERS

5-Axis Machining Center SUG-3222B

SUG-B Series · Gantry Bridge



MODELS IN THIS SERIES

SUG-3222B · SUG-4222B · SUG-4227B · SUG-6232B

SUNTON SUG-B gantry bridge 5-axis centers with fork-type direct-drive milling head, tables to 6000×3000 mm, Siemens 840/ONE.

Full specifications and model comparison: www.suntoncnc.com

EXTENDED RANGE · 5-AXIS MACHINING CENTERS

5-Axis Machining Center SUG-4027

SUG Series · Gantry



MODELS IN THIS SERIES

SUG-4027 · SUG-5027 · SUG-6032 · SUG-8032

SUNTON SUG gantry 5-axis machining centers: X travel to 8000 mm, table loads to 22000 kg, fork-type direct-drive head.

Full specifications and model comparison: www.suntoncnc.com

CONTACT

Send us your drawings

Send us your drawings or machining requirements, and we will recommend the right machine and come back with a quotation — machine selection, configuration and export terms included.

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