



<http://www.atcgroups.com/>



<https://www.google.com/maps>

AIRTAC ENTERPRISES PHILS. CO. LTD. CORP

OFFICE ADDRESS: UNIT 57 & 58 CENTURY COMMERCIAL COMPLEX V
PALIPARAN ROAD SALAWAG DASMARINAS, CAVITE

TELEPHONE NO. : (046)430-0027 (046)430-0034 (046)430-0080
(046)884-6468 (046)884-6252 (046)884-1155
(046)884-1166 (046)884-6296 (046)686-2217
(046)686-2204 (028) 463-1269 (028)463-1270
(028)463-1279

EMAIL ADDRESS: AIRTAC.ATCGROUP@YAHOO.COM

〇 〇 〇 〇

AIRTAC ENTERPRISES PHILS. CO. LTD. CORP

Unit 57 & 58 Century Complex V Paliaparan road,
Salawag, Dasmariñas, Cavite
(046)430-0027 (046)430-0034 (046)430-0080
(046)884-6468 (046)884-6252 (046)884-1155
(046)884-1166 (046)884-6296 (046)686-2217
(046)686-2204 (028) 463-1269 (028)463-1270
(028)463-1279



- **Metal Fabrication Machine**
- **Lathe Machine**
- **Milling Machine**
- **Grinding, Drilling, Saw & Press Tapping Machine**



WWW.ATCGROUP.COM



Our Company



Airtac Enterprise Phils Co., Ltd., Corp., a Taiwan based Company, was established in 2005, as distributing pneumatic equipment. Aiming on serving Philippines industrial market.

In 2007, due to the increasing demands in the local market, Airtac has set up our production lines on making pneumatic cylinders and other metal fabrication in order to serve customer faster with decent quality.

In 2009, due to the demands from our various customers, not only on pneumatic products but also hydraulic and other process valves productions. The management have decided to rename our Logo to ATC as Automation Technology Component and position ourselves as the provider of all kinds of industrial equipment and thereby implemented our company mission

GEAR HEAD LATHE



SP2147-I/II/III/IV

Specifications

Model	SP2147-I	SP2147-II	SP2147-III	SP2147-IV
Max. weight of workpiece	8T			
Max. swing over bed	1000mm	1250mm	1400mm	1600mm
Max. swing over cross slide	620mm	870mm	1000mm	1200mm
Max. swing over gap	1300mm	1550mm	1700mm	1900mm
Valid length of gap	450mm			
Center distance	1.5m 2m 3m 4m 5m 6m 8m 10m 12m			
Width of bed	780mm			
HEAD STOCK				
Spindle hole	Φ130mm			
Spindle taper	Metric 140#			
Spindle speeds	3.15-315r/min or 2.5-250r/min forward 21 kinds, reverse 12kinds			
GEAR BOX-THREADS&FEEDS				
Metric threads range	44 kinds 1-120mm			
Inch threads range	31 kinds 1/4-24 T.P.I.			
Module threads range	45 kinds 0.5-60mm			
Diametral threads range	38 kinds 1/2-56DP			
Longitudinal feeds range	56 kinds 0.1-12mm			
Cross feed range	58 kinds 0.05-6mm			
Rapid feed: long/cross	3400mm/min, 1700mm/min			
TOOL POST				
Distance between Center & Tool	48mm			
Tool section	45°45mm			
CARRIAGE				
Cross slide travel	650mm			
Compound rest travel	280mm			
TAILSTOCK				
Sleeve diameter	Φ160mm			
Sleeve taper	Metric 80#			
Sleeve travel	300mm			
MOTOR				
Main motor	22kw			
Coolant motor	0.15kw			
Rapid feed motor	1.5kw			
Overall dimension SP2147-II	4600/5100/6100/7100/8100/9100/11100/13100/15100x1900x2400mm			
(distance 1.5m/2m/3m/4m/5m/6m/8m/10m/12m)				
Net weight SP2147-II	10000/10800/11600/12400/13200/14000/15600/17200/18800kgs			
(distance 1.5m/2m/3m/4m/5m/6m/8m/10m/12m)				

Standard accessories

Three-jaw Chuck Four-jaw Chuck Spindle Center Tailstock center Center sleeve
Square socket wrench Steady rest Follower rest Iron gasket

COSTING

Always provide the best price for our customers on minimum 90% achievement rate

QUALITY

Always provide the best quality for our customers on maximum 0.1% NG ratio among all our service to our customers. And provide 100% replacement service within warranty period.

SERVICE

Prior sales service - Clarification with customers on specifications on customers requirement within 1Hr after receiving from customers. Provide price within 24hrs after specification clarification on a 95% response rate within the time frame.

Delivery - 90% achievement rate within customers requirement schedule. 100% response Rate on delays on shipment most of the time causing by forwarders.

After sales service - On circumstance on product problem, management will take action within 1Hr after receiving report and provide solution within 24Hr after report. If the product fails within warranty, those items would be 100% replaced without customers' costs.

INNOVATION

Always increase product range to serve our customers better and faster. At least 1 new product would be added into our line every year with 100% implementing rate

GEAR HEAD LATHE



SP2145-I/II/III/IV

Specifications

Model	SP2145-I	SP2145-II	SP2145-III	SP2145-IV
CAPACITIES				
Max.swing over bed	630mm	800mm	1000mm	1200mm
Max.swing over cross slide	350mm	485mm	685mm	800mm
Distance between centers			1.5m/2m/3m/4m/5m/6m/7m/8m/9m/10m/11m/12m	
Max.swing over gap	830mm	1000mm	1200	1400mm
Valid length of gap				230mm
Bed width				550mm
HEADSTOCK				
Spindle hole	Ø105mm or Ø130mm (optional for SP2145-II, SP2145-III, SP2145-IV)			
Spindle nose	C-11 or D-11			
Spindle taper	1:20 Ø120mm (Ø140mm optional for SP2145-II, SP2145-III, SP2145-IV)			
Spindle speeds(Number)	14-750rpm (18 steps)			
GEAR BOX-THREADS & FEEDS				
Metric threads range (kinds)	1-240mm (54kinds)			
Inch threads range (kinds)	28-1 inch (36kinds)			
Module threads range (kinds)	0.5-60dp (27kinds)			
Diametrical threads range (kinds)	30-1 t.p.i (27kinds)			
Longitudinal feeds range (kinds)	0.045-24.3mm/r (72kinds)			
Cross feed range (kinds)	0.024-12.15mm/r (72kinds)			
Rapid feed/Long./Cross	4/2mm/min			
Lead screw size/Diameter/Pitch	T48mm/12mm			
CARRIAGE				
Cross slide travel	350mm	420mm	520mm	620mm
Compound rest travel				200mm
Size of tool shank				32x32mm
TAILSTOCK				
Spindle diameter	Ø100mm	Ø100mm	Ø120mm	Ø120mm
Spindle taper				MT6
Spindle travel				240mm
MOTOR				
Main drive motor				11kw
Coolant pump motor				0.09kw
Rapid feed motor				1.1kw
WEIGHT FLOOR SPACE(LxWxH)				
Center distance: (1500mm)			3452x1326x1390mm	SP2145-II
Net Weight	4300kg	4500kg	5000kg	5500kg

Standard accessories

Three-jaw Chuck	Four-jaw Chuck	Spindle Center	Tailstock center	Center sleeve
Square socket wrench	Steady rest	Follow rest	Iron gasket	

GEAR HEAD LATHE

Specifications

	SP2122-IA	SP2122-IB
Swing over bed	Ø660 mm	Ø800 mm
Swing over cross slide	Ø440 mm	Ø570 mm
Swing in gap	Ø900 mm	Ø1035 mm
Length of gap		250 mm
Center height	330 mm	400 mm
Distance between centers	1500/2000/3000 mm	
Width of bed	400 mm	
Max. section of tool	25x25 mm	
Max. travel of cross slide	388/420 mm	
Max. travel of compound rest	230 mm	
Spindle bore	Ø105 mm	
Spindle nose	D1-8	
Taper of spindle bore	Ø113 mm(1:20)/MT5	
Spindle speed step	16	
Range of spindle speed	25-1600 r/min	
Leadscrew pitch	Ø40 mm x 2T.P.I. or Ø40 mm x 12 mm	
Inch threads range	7/16-80T.P.I. (54 kinds)	
Metric threads range	0.45-120 mm(54 kinds)	
Diametrical pitches range	7/8-160 DP(42 kinds)	
Module pitches range	0.25-60 MP(46 kinds)	
Dia. of tailstock sleeve	Ø90 mm	
Morse taper of tailstock	MT5	
Power of main motor	7.5 or 11 KW	
Power of coolant pump	0.09 kW(1/8HP)	



SP2122-I

Cross feeds range in metric lead screw	0.044~1.48 mm/rev(25 kinds)
Longitudinal feeds range in metric lead screw	0.022~0.74 mm/rev(25 kinds)
Overall dimension (LxWxH)	3207/3707/4707x1230x1700 mm
Packing size (LxWxH)	3270/3770/4770x1140x1910 mm
Net weight	3200/3500/3600 kg
Gross weight	3700/4100/4600 kg

Standard accessories

Three jaw chuck	Four jaw chuck	Face plate
Steady rest	Thread chasing dial	Follow rest
One set of wrenches	Operation manual	Oil gun
Ø113mm(1:50)/MT5 sleeve and MT5 center		

Model No.	SP2122-II
Max. swing over bed	600mm
Distance between centers	1000mm/1500mm/2000mm/2300mm/3000mm
Max. swing over cross slide	455mm
Width of bed	350mm
Max. swing over gap	665mm
Length of gap	200mm
Spindle nose	D1-8
Spindle bore	80mm 103mm
Taper bore of spindle	No.7 Morse φ113 (1:20)
Steps of spindle speed	12 changes 25-1600r/min 25-1500r/min
Metric threads	47 kinds 0.2-14mm
Imperial threads	60 kinds, 2-112TPI
Module threads	34 kinds, 0.1-7MP
Diametral threads	50 kinds, 4-112DP
Range of longitudinal feeds	35 kinds 0.059-1.646mm/rev
Range of cross feeds	35 kinds 0.020-0.573mm/rev
Dia of tailstock sleeve	75mm
Travel of tailstock sleeve	180mm
Taper of tailstock sleeve	No.5 Morse
Max travel of cross slide	355mm
Max travel of compound rest	130mm
Main motor power	7.5kW
Overall dimensions(LxWxH)	240/285/335/370/435x115x151cm
Packing size(LxWxH)	245/290/340/375/440x115x182cm

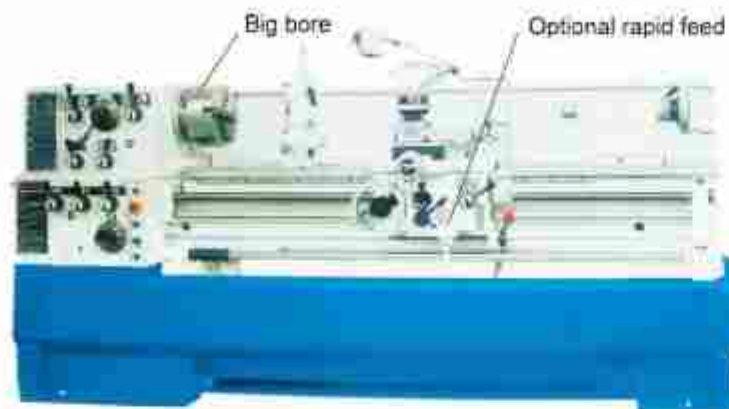


SP2122-II

Net weight	2420/2540/2800 /2880/3200kg
Gross weight	2430/2550/2810 /2890/3210kg
	2800/2930/3200 /3260/3680kg
	2810/2940/3210 /3300/3690kg

GEAR HEAD LATHE

Specifications	SP2121-I	SP2121-II
Swing over bed	510 mm	560 mm
Swing over cross slide	300 mm	350 mm
Swing in gap	738 mm	788 mm
Length of gap	200 mm	200 mm
Distance between centers	1000/1500/2000/3000 mm	
Center height	1135 mm	1160 mm
Width of bed		350 mm
Spindle nose		D1-8
Spindle bore		80 or 105 mm
Taper of spindle bore		MT7
Range of spindle speed	12 changes 25-1600 r/min	
Max. travel of compound rest		130 mm
Max. travel of cross slide		326 mm
Leadscrew pitch		6 mm or 4 T.P.I.
Max. section of tool		25x25 mm
Longitudinal feeds range	35 kinds 0.059-1.646 mm/rev	
Cross feeds range	35 kinds 0.020-0.573 mm	
Metric threads range	47 kinds 0.2-14 mm	
Inch threads range	60 kinds 2-112 T.P.I.	
Diametrical pitches range	50 kinds 4-112 D.P.	
Module pitches range	39 kinds 0.1-7 M.P.	
Dia. of tailstock sleeve		75 mm
Travel of tailstock sleeve		180 mm
Morse taper of tailstock sleeve		MT5
Cross adjustment		±13mm
Power of main motor	7.5 kw(10HP), 3PH	
Power of coolant pump	0.1 kw(1/8HP), 3PH	



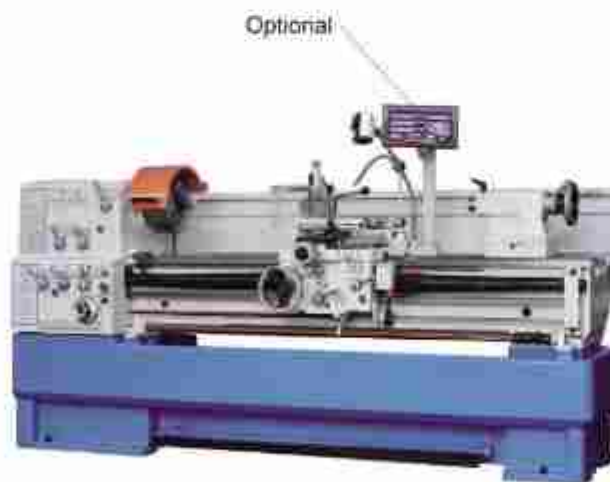
SP2121

Overall dimension(LxWxH)	2350/2850/3350/4350x1150x1500mm
Packing size(LxWxH)	2400/2900/3400x1150x1600mm
Net weight	2040/2370/2720/3430kg
Gross weight	2400/2750/3150/4000kg

Standard accessories

Face plate	One set of wrenches	Operation manual
Follow rest	Three jaw chuck and adapter	Thread chasing dial
Oil gun	Four jaw chuck and adapter	
Steady rest	MT 7/5 sleeve and MT 5 center	

Model	SP2141-I	SP2141-II
Max.swing over bed	510mm	560mm
Max.swing over cross slide	305mm	355mm
Width of bed	350mm	350mm
Max swing over gap	735mm	785mm
Length of gap		200mm
Spindle nose		D1-8
Spindle bore		80mm or 103mm
Taper bore of spindle		No.7 Morse φ113 (1.20)
Steps of spindle speed	12 changes 25-1600r/min/25-1500r/min	
Metric threads		47 kinds 0.2-14mm
Imperial threads		80 kinds 2-112TPI
Module threads		34 kinds 0.1-7MP
Range of longitudinal feeds	35 kinds 0.059-1.646mm/rev	
Range of cross feeds	35 kinds 0.020-0.573mm/rev	
Dia. of tailstock sleeve		75mm
Travel of tailstock sleeve		180mm
Taper of tailstock sleeve		No.5 Morse
Size of tool shank		25x25mm
Max travel of cross slide		326mm
Max.travel of compound rest		130mm
Main motor power		7.5kw
Overall dimensions(LxWxH)	2400/2850/3350/3700/4350x1150x1460mm	
Packing size(LxWxH)	2450/2900/3400/3750/4400x1150x1740mm	



SP2141

Net weight	2150/2270/2530/2610/2930kg 2290/2410/2670/2750/3070kg 2300/2420/2680/2760/3080kg
Gross weight	2530/2660/2930/3020/3410kg 2670/2800/3070/3160/3550kg 2680/2810/3060/3170/3560kg

GEAR HEAD LATHE

Max. swing over bed	500mm
Max. swing over cross slide	270mm
Swing in gap	700mm
Length of gap	357mm
Distance between centers	1000/1500/2000mm
Width of bed	340mm
Spindle nose	C8
Spindle bore	φ52mm
Taper of spindle bore	MT8
Range of spindle speed(stepless)	22-2000rpm
Metric threads - number/pitch	29/0.5-40 Nr/mm
Whitworth threads - number/pitch	38/1-80 Nr./TPI
Modular threads - number/pitch	26/0.25-20 Nr./mm
Diametral Pitch threads - number/number	31/2-72 Nr./Nr.
of DP threads	300mm
Cross slide travel	140mm
Top slide travel	32x32mm
Max. section of tool	φ70mm
Tailstock sleeve diameter	180mm
Travel of tailstock	MT5
Taper of tailstock sleeve	5.5kw
Main motor power	



SN50C

Coolant pump power	120w
Packing size (LxWxH)	2700/3200/3720x1120x1905mm
Net weight	1735/1835/1950kg
Gross weight	1935/2035/2250kg



Optional for all gear
head lathe

GEAR HEAD LATHE

Specifications	SP2114-I	SP2114-II
Swing over bed	410 mm	460 mm
Swing over cross slide	224 mm	274 mm
Swing in gap	640 mm	690 mm
Length of gap		165 mm
Max length of workpiece	1000/1500/2000 mm	
Bed width		300 mm
Spindle nose		D1-6
Spindle bore		58 or 82 mm
Taper of spindle bore		MT8
Range of spindle speed	12 changes 25-2000 r/min	
Max.travel of compound rest		128 mm
Max.travel of cross slide		290 mm
Leadscrew pitch		6 mm/4 T.P.I.
Max.section of tool		25x25 mm
Longitudinal feeds range	42 kinds 0.031-1.7 mm/rev	
Cross feeds range	42 kinds 0.014-0.784 mm	
Metric threads range	41 kinds 0.1-14 mm	
Inch threads range	60 kinds 2-112 T.P.I.	
Diametrical pitches range	50 kinds 4-112 D.P.	
Module pitches range	34 kinds 0.1-7 M.P.	
Dia. of tailstock sleeve		60 mm
Travel of tailstock sleeve		120 mm
Taper of tailstock sleeve		MT4
Cross adjustment		±13 mm
Power of main motor	4 KW (5.4HP), optional 5.5 KW (7.5HP) 3PH	
Power of coolant pump	0.1 KW (1/8 HP) (3HP)	



SP2114

Overall dimension (LxWxH)	SP2114-I	2170/2720/3320x1040x1340 mm
	SP2114-II	2170/2720/3320x1040x1370 mm
Packing size (LxWxH)		2250/2800/3400x1120x1730 mm
Gross Weight	SP2114-I	1980/2320/2450 kg
	SP2114-II	2045/2385/2515 kg

Standard accessories

3-jaw chuck (200mm) and adapter	Face plate (350mm)	Oil gun
4-jaw chuck (320mm) and adapter	Follow rest (20-80mm)	
Operation manual	MT6/4 sleeve and MT4 center	One set of wrenches
Thread chasing dial	Steady rest (20-140mm)	

GEAR HEAD LATHE

GEAR HEAD LATHE

Specifications

Swing over bed	410 mm
Swing over cross slide	255 mm
Swing in gap	580 mm
Length of gap	205 mm
Distance between centers	1000/1500 mm
Center height	205 mm
Width of bed	250 mm
Spindle nose	MT6
Spindle bore	52 mm
Taper of spindle bore	MT6
Range of spindle speed	16 step 45-1800 r/min
Max. travel of top slide	140 mm
Max. travel of cross slide	210 mm
Leadscrew pitch	4 T.P.I.
Max. section of tool	20x20 mm
Longitudinal feeds range	0.05-1.7 mm/rev
Cross feeds range	0.025-0.85 mm/rev
Metric threads range	39 kinds 0.2-14 mm
Inch threads range	45 kinds 2-72 T.P.I.
Diametrical pitches range	21 kinds 8-44 D.P.
Module pitches range	18 kinds 0.3-3.5 M.P.
Dia. of tailstock sleeve	50 mm
Travel of tailstock sleeve	120 mm
Morse taper of tailstock sleeve	MT4
Cross adjustment	±13 mm
Loading	4 pcs/20' container
Power of coolant pump	0.1 KW(1/8 HP), 3 HP

Variable speed is available



SP2113

Power of main motor	2.2/3.3KW, or 5.5KW variable speed
Overall dimension(LxWxH)	1940/2450x850x320mm
Packing size(LxWxH)	2060/2560x900x1840mm
Weight(Net/Gross)	1550/1750; 1600/1755 kg

Standard accessories

300mm face plate	Follow rest	Thread chasing dial	Steady rest	Oil gun
Operation manual	MT 6/4 sleeve and MT 4 center	One set of wrenches		
200mm three jaw chuck and adapter	320mm four jaw chuck and adapter			



Optional for all gear head lathe

GEAR HEAD LATHE

Specifications

	SP2112-I	SP2112-II
Max.swing over bed	330 mm	360 mm
Max.swing over cross slide	198 mm	212 mm
Max.swing over gap	476 mm	491 mm
Distance between centers		750/1000 mm
Spindle bore	38 or 52mm(optional)	
Taper of spindle bore		MT5
Range of spindle speed	70-2000 rpm(2 speed motor)	
Range of horizontal feeds	20 Nos.0.052-1.392 mm/r	
	16 Nos.0.078-1.044 mm/r	
Range of cross feeds	20 Nos.0.014-0.38 mm/r	
	16 Nos.0.018-0.238 mm/r	
Range of metric threads	26 Nos.0.4-7 mm	
	32 Nos.0.45-10 mm	
Range of inch threads	34 Nos.56-4T/inch	
	20 Nos.40-2.5T/inch	
Max. travel of tailstock quill		100 mm
Taper of tailstock quill		MT3
Power of motor		1.5 or 2.2 KW
Packing Size (LxWxH)	1740/1950x750x1510 mm	
Net Weight	570/540 kg	620/590 kg
Gross Weight	620/590 kg	670/740 kg



Optional for all gear head lathe



SP2112

Standard accessories

Tool box with tools	Oil tray	Oil gun
MT#3 dead centers	Foot stands	Splash guard
MT5/3 sleeve	3-jaw Chuck(Ø160mm)	
Change gears set		

Norton lever gearbox Available!!

GEAR HEAD LATHE

GEAR HEAD LATHE

Specifications

	SP2123-I	SP2123-II
Max. swing over bed	360mm	400mm
Max. swing over cross slide		220mm
Max. swing over gap		506mm
Width of bed		206
Distance between center		1000mm
Taper of spindle hole		M.T.NO.6
Hole through spindle	38mm OR 52mm(optional)	
Step of spindle speed		8 or 16 steps
Range of spindle speeds		90 or 45-1800 rpm
Spindle nose		D1-5
Metric thread range		(37) 0.4-7mm
Inch threads range		(28) 4-56T.P.I.
Range of longitudinal feeds	(42) 0.043-0.653mm/rev	
	(42) 0.0017-0.0257in/rev	
Range of cross feeds	(42) 0.015-0.22mm/rve	
	(42) 0.0006-0.0087in/rev	
Pitch and diameter of leadscrew		4mm
Travel of carriage		840mm
Travel of cross slide		178mm
Travel of top slide		92mm
Travel of tailstock quill		115mm
Diameter of tailstock quill		45mm
Taper of tailstock quill		M.T.NO.3
Motor power		2/3 3HP
Net weight		750KG/780KG
Packing size		1950x780x1480mm



Standard accessories

3-jaw chuck(160mm)	Change gears set
MT#3 dead centers	Oil gun
Foot stands	Splash guard
Oil tray Work Light	

SP2123

GEAR HEAD LATHE

Specifications

Max.swing over bed	320 mm
Max.swing over gap	450 mm
Max.turning dia. over cross slide	198 mm
Max.length to be turned	880/1000 mm
Spindle speed steps/range	8/70-2000 rpm
Spindle spindle bore dia./taper	38 mm MT5
Feedrates:longitudinal(36kinds)	0.079-1.291 mm/rev
Feedrates:transverse(36kinds)	0.017-0.276 mm/rev
Thread-chasing:metric threads(36kinds)	0.4-7 mm
Thread-chasing:inch threads(36kinds)	4-60 TPI
Turret:cross slide travel	160 mm
Turret:top slide travel 76mm	80 mm
Turret:swiveling angle of turret	±45°
Distance from the tool bearing surface to the centerline	13 mm
Tailstock movement of tailstock quill	100 mm
Tailstock taper of tailstock quill bore	MT3
Power of main drive motor	1.1/1.5 KW
Packing size	1660/1850x750x1400 mm
Net/Gross weight	520/560 kg 560/600 kg
Loading (unitary/asunder packing)	9/23 pcs/20'

Standard accessories

3-jaw Chuck(Ø160mm)	Tool box with tools
MT#3 dead centers	Foot stands
Change gears set	Oil gun
Splash guard	MT5/3 sleeve
Oil tray	



SP2111A



Variable speed gear head lathe with DRCD
other specifications are the same as SP2111

Specifications	SP2142-I	SP2142-II
Swing over bed		ø305mm
Swing over carriage		ø173mm
Swing over gap		ø440mm
Width of bed-way		182mm
Distance between centers	530mm	940mm
Spindle taper		M.T.5
Spindle bore		ø36mm
Step of spindle speed		12 step
Range of spindle speed		50-1200rpm
Metric thread		15kinds (0.25-7.5mm)
Inch thread		40kinds (4-112T.P.I)
Range of feed amount	0.12-0.42 (0.0047-0.0165)mm/r	
Diameter of lead screw		ø22 (7/8")mm
Pitch of lead screw		3mm or 8T.P.I
Saddle travel	510mm	810mm
Cross travel		150mm
Compound travel	90mm	90mm
Barrel travel	100mm	100mm
Barrel diameter		ø32mm
Taper of center		M.T.3
Motor power		1.1KW
Coolant power		0.04KW
Machine (LxWxH)	1420x750x780mm	1780x750x780mm
Stand (LxWxH)		400x370x700mm
Stand (LxWxH)		300x370x700mm
Main machine (N.W.G.W)	365/415KG	385/435KG
Machine stand (N.W/G.W)	60/85KG	60/85KG
Loading quantity/20" container	27pcs	24pcs



Optional

SP2142
 Standard
 3-jaw chuck
 Chip tray

 accessories
 Dead center
 Toolbox&tools

Splash guard

VARIABLE SPEED BENCH LATHE

Specifications

Swing over bed	320mm
Distance between center	600/750mm
Swing over cross slide	200mm
Spindle bore	38mm
Spindle taper	MT5
Max. travel of cross slide	180mm
Max. travel of top slide	100mm
Metric threads range	22kinds 0.2-7mm
Module threads range	21kinds 0.2-3.5mm
Diametral threads range	31 kinds 8-120 1/in'
Longitudinal feeds range	0.1-1.4mm/r
Cross feeds range	0.045-0.60mm/r
Tailstock quill travel	80mm
Tailstock taper	MT3
Spindle speed step/range	12/60-1800 r.p.m
Motor	750W
Overall dimension	1370x685x1380mm

**SP2132-I**
 Packing size 1470x770x850mm
 G/N Weight 345/320kg

Standard attachment

 160mm 3-jaw chuck V-belt Dead centers Chuck wrench
 Open end wrench MN gears Work lamp Allen key

VARIABLE SPEED BENCH LATHE

Specifications

Swing over bed	320mm
Swing over cross slide	200mm
Distance between centers	900mm
Width of bed	180mm
Hole-through spindle	38mm
Taper in spindle nose	MT5
Number of spindle speeds	6
Range of spindle speeds	125-2000rpm
Metric threads range	18kinds 0.2-3.5mm
Inch threads range	21kinds 8-56T.P.I
Cross feeds range	0.017-0.25mm/r
Longitudinal feeds range	0.07-0.52mm/r
Tool post type	4-Way
Top slide travel	85mm
Cross slide travel	165mm
Tailstock quill travel	80mm
Taper in tailstock spindle	MT3
Main Motor	1.5KW
Packing size	1650x750x700mm
Weight	280kg

**SP2132-II**

Standard attachment

 Splash guard Oil tray Thread chasing dial 3 jaw chuck
 Follow rest Steady rest Lamp Toolbox and tools
 4 jaw chuck

VARIABLE SPEED BENCH LATHE

Specifications

Distance between centers	700mm
Swing over bed	300mm
Swing over cross slide	180mm
Width of bed	182mm
Taper of spindle bore	MT5
Spindle bore	38mm
Number of spindle speed	Variable speed
Range of spindle speed	80-2000r/min
Range of cross feed	0.01-0.10mm/rev
Range of longitudinal feed	0.085-0.832mm/rev
Range of imperial thread	8-56 T.P.I.
Range of metric thread	0.2-3.5mm
Top slide travel	70mm
Cross slide travel	190mm
Tailstock quill travel	70mm
Taper of tailstock quill	MT3
Main Motor	1.5KW
Packing size	1500x750x700mm
Net weight	280kg



Optional

SP2129-II

Standard attachment

 3-jaw chuck Dead center Splash guard
 Chip tray Toolbox&tools

**VARIABLE SPEED
BENCH LATHE**

Specifications

Distance between centers	700mm
Swing over bed	290mm
Swing over cross slide	180mm
Width of bed	152mm
Taper of spindle bore	MT5
Spindle bore	38mm
Number of spindle speed	Variable speed
Range of spindle speed	50-1800r/min
Range of cross feed	0.01~0.10mm/rev
Range of longitudinal feed	0.085~0.832mm/rev
Range of Imperial thread	8~56T.P.I.
Range of metric thread	0.2~3.5mm
Top slide travel	65mm
Cross slide travel	150mm
Taper of tailstock quill	MT3
Main Motor	1.5KW
Packing size	1450x700x680mm
Net weight	260kg

Standard attachment

3-jaw chuck	Dead center	Splash guard
Chip tray	Toolbox&tools	



Optional

SP2129-I

SP2127

Motor	750W
Overall dimension	1200/1450x550x1200mm
Packing size	1250/1500x700x1300mm
N.W./G.W.	240/300kg 360/320kg

Standard accessories

160mm 3 jaw chuck	A type belt
Dead center	Wrench
Gears	Toolbox

**VARIABLE SPEED
IS AVAILABLE**

Distance between centers	550/810/815mm
Swing over bed	260/280mm
Bed width	150mm
Swing over slide	140 mm
Spindle bore	26mm
Spindle taper	MT4
Max. travel of cross slide	130mm
Max. travel of top slide	65mm
Max. travel of tailstock quill	60mm
Taper of tailstock quill	MT3
Step of spindle speed	12
Range of spindle speed	80~1600/40~2000r/min
Motor	750W
Packing size (LxWxH)	1200x650x600mm
N.W./G.W.	140/160kg

Features

1. With extended wider bed 150mm, the machines is more stable.
2. With induction harden bedway, it is more wear-resistant.
3. The spindle are all gear driven, with up to 12 speeds sequential gearbox, it's convenient to change speeds.
4. big spindle MT4.


SP2127-II
**VARIABLE SPEED
IS AVAILABLE**

Swing over bed	250mm
Distance between center	500mm
Swing over cross slide	100mm
Spindle bore	26mm
Spindle taper	MT4
Max. travel of cross slide	130mm
Max. travel of top slide	60mm
Metric threads range	15kinds 0.25-2.5mm
Longitudinal feeds ranges	0.03-0.375mm/r
Cross feeds range	0.015-0.188mm
Tailstock quill travel	60mm
Tailstock taper	MT3
Spindle step/speed	12/80-1600 r.p.m
Motor	750W
Overall Dimension	1130x550x405mm
Packing Size	1200x620x600mm
N./G. Weight	180/163kgs


SP2124-III

Standard accessories

125mm 3-jaw chuck	V-belt
Dead center Tools wrench	Allen Key
Open end wrench Splash guard	Splash guard

**VARIABLE SPEED
BENCH LATHE**

Specifications

Distance between centers	550/750mm
Swing over bed	250mm
Swing over cross slide	150mm
Width of bed	135mm
Taper of spindle bore	MT4
Spindle bore	26mm
Number of spindle speed	6/ variable speed
Range of spindle speed	125-2000/50-2500r/min
Range of longitudinal feed	0.07-0.20mm/rev
Range of Imperial thread	8-56 T.P.I
Range of metric thread	0.2-3.5mm
Top slide travel	60mm
Cross slide travel	130mm
Tailstock quill travel	60mm
Taper of tailstock quill	MT2
Main Motor	750W
Packing size	1250/1450x560x570mm
Net weight	120/140kg



Standard attachment

3-jaw chuck	Dead center	Splash guard
Chip tray	Toolbox&tools	

**Brushless Motor
Available**

SP2124-I

**VARIABLE SPEED
BENCH LATHE**

Specifications

Max.distance between two centers	450/700mm
Max.Swing over bed	250mm
Max.Swing over carriage	130mm
Taper of spindle nose	MT4/27mm
Spindle speed range (6steps)	115-1620rpm
Metric thread cutting	0.2-3.5mm(20 kinds)
Inch thread cutting	8-56/1mm(20kinds)
Range of longitudinal feeds	0.05-0.2mm/rev
Max.travel of tool post	70mm
Taper of tailstock sleeve	MT2
Motor	0.75KW
Overall dimension	1220x550x410mm
Net weight	151kg



SP2124-II

Standard attachment

3-jaw chuck	Dead center	Splash guard
Chip tray	Toolbox&tools	

**VARIABLE SPEED
BENCH LATHE**

Specifications

Distance between centers	500mm
Swing over bed	200mm
Swing over cross slide	115mm
Spindle taper	MT3
Tailstock taper	MT2
Chuck diameter	60mm
Spindle bore	20mm
Number of steps of spindle speeds	6
Range of spindle speeds	140-1710rpm
Metric threads	0.4-3mm (11 kinds)
Imperial threads	8-28 TPI (11 kinds)
Range of longitudinal feeds	0.05-0.15mm/rev
Motor	550W
Overall dimension	1050x580x550mm
Net weight	105kg



SP2120-I

Standard attachment

3-jaw chuck	Dead center	Splash guard
Chip tray	Toolbox&tools	

**VARIABLE SPEED
BENCH LATHE**

Specifications

Swing over bed	210mm
Swing over cross slide	110mm
Distance between centers	400mm
Width of bed	100mm
Spindle bore	21mm
Taper of spindle bore	MT3
Step	Variable speed
Range of spindle speeds (steps)	50-2500rpm
Step of metric thread	10
Range of metric threads	0.5-0.3mm
Step of inch thread	8
Range of inch threads	8-44T.P.I
Range of Longitudinal Feed	0.1-0.20mm
Tool Post	4-Way
Top slide travel	55mm
Cross slide travel	75mm
Max. carriage travel	276mm
Tailstock quill travel	60mm
Taper of tailstock quill	MT2
Motor	450W/600W 230V/1PH/50Hz
Brushless Motor	550W 230V/1PH/50Hz
Weight	70Kgs
Machine size	840x390x370mm
Package size	900x480x450mm

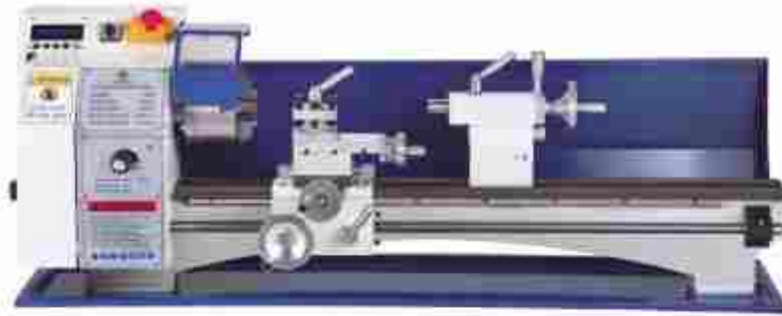


SP2109-II

Standard attachment

3-jaw chuck	Dead center	Splash guard
Chip tray	Toolbox&tools	

BENCH LATHE



SP2103

Model
Swing over bed
Motor type
Motor power
Spindle bore
Distance between centers
Chuck diameter
Taper of spindle
Taper of tailstock
Spindle speed
Spindle accuracy
Gear material
Inch thread
Metric thread
Machine dimension
Packing size
N.G weight

SP2103
220mm
Brushless
1000W
38mm
450mm
125mm
MT5
MT2
2500RPM
0.01mm
Metal
10-44T.P1
0.5-3mm
1020*490*510mm
65/72kg

SP2103-I
220mm
Brushless
1100W
38mm
600mm
125mm
MT5
MT2
0-1250/0-2500RPM
0.01mm
Metal
10-44T.P1
0.5-3mm
1020*345*430mm
1120*490*510mm
72/80kg

VARIABLE SPEED BENCH LATHE

Specifications

Distance between centers	200/300/350 mm
Swing over bed	180 mm
Swing over cross slide	110 mm
Spindle taper	MT3
Tailstock taper	MT2
Chuck diameter	80 mm
Spindle bore	20 mm
Cross slide travel	65 mm
Tool slide travel	35 mm
Range of metric threads	0.5-2.5 mm
Range of imperial threads	12-52 TPI
Spindle accuracy	0.01 mm
Spindle speed	50-2500/100-2500 RPM
Power of motor	400W/550W
Voltage/Frequency	230V/50Hz or 120V/60Hz
Net weight	35Kg/38Kg/40Kg
Gross weight	38Kg/42Kg/45Kg
Packing size	660/760/810*310*320mm



SP2102

Features

- Safety Switch
- Variable speed
- Four position turret post
- Complete set of changing gear
- High accurate

Standard attachment

3-jaw chuck	Dead center	Splash guard
Chip tray	Toolbox&tools	

OPTIONAL ACCESSORIES FOR LATHES



Quick change cutter rest



4-Jaw chuck



Face plate



ORCO kit



cutter 5 pcs set



Headstock center



Tailstock chuck



Drill chuck + Drill arbor



Rolling center



Follow rest



Steady rest



Tin coated cutter 9 pcs set



Cutter 9 pcs set



Screw guard



Cooling



Work light



Taper modeling



stand



stand



3-axis ORCO



2-axis ORCO

VARIABLE SPEED MILL

Specifications

Drilling capacity	10 mm
End milling capacity	10 mm
Face milling capacity	16 mm
Headstock travel (Z)	195 mm
Cross axis (Y)	105 mm
Longitudinal axis (X)	200 mm
Throat	140 mm
Head tilt	45°L, 45°R
Max. distance spindle to table	265 mm
Spindle taper	MT2
Motor output power	150 W
Spindle speed	Low range 0-1000 rpm High range 0-2000 rpm
Table effective size	240x145mm/400x145 mm
T-slot size	8 mm
Overall dimension (LxWxH)	480x380x710 mm
Weight (Net/Gross)	44/53 kg
Packing size (LxWxH)	380x480x630 mm



SP2202

**Brushless Motor
Available**

VARIABLE SPEED MILL

Specifications

Drilling capacity	13 mm
End milling capacity	16 mm
Face milling capacity	30 mm
Headstock travel (Z)	180 mm
Cross axis (Y)	100 mm
Longitudinal axis (X)	220 mm
Throat	167 mm
Max. distance spindle to table	280 mm
Head tilt	45°L, 45°R
Spindle taper	MT3 or R8
Motor output power	350 W
Spindle speed	Low range 100-1100 rpm±10% High range 100-2500 rpm±10%
Table effective size	390x92/460x120/400x145 mm
T-slot size	12 mm
Overall dimension (LxWxH)	520x500x700 mm
Weight (Net/Gross)	50/69 kg
Packing size (LxWxH)	550x550x730 mm
Loading	132 pcs/20



**Optional Large Worktable
Available**



SP2203

VARIABLE SPEED MILL

Specifications

Drilling capacity	16mm
Max. face mill capacity	30mm
Max. end mill capacity	13mm
Spindle stroke	180mm
Longitudinal travel	250/300mm
Cross travel	100/130mm
Spindle rotary angle	-45°~+45°
Working table size	410/460x112mm
Motor power	550W
Max.distance spindle to table	220mm
Spindle taper	MT3
Spindle speed	50-2500RPM
Net weight	62kg
Gross weight	80kg
Packing size	570x510x740/640x565x720mm



SP2240

Model	SP2250
Max drilling dia.	50mm
Max.horizontal milling dia.	100mm
Max.vertical milling dia.	25mm
Max.boring dia.	120mm
Max.tapping dia.	M16
Max.distance from spindle nose to worktable	0-420mm
Spindle taper	MT4,ISO30
Spindle speeds range	(8step)115-1750rpm
Spindle travel	120mm
Table size	800x240mm
Table travel	400x230X380mm
Main motor power	0.85/1.5kw
N.W./G.W.	500/600kg

SP2250



VARIABLE SPEED MILL

Specifications

Max. drilling capacity	16 mm
Max. end milling capacity	16 mm
Max. face milling capacity	50 mm
Table size	400x120 mm
T-slot size	10 mm
Longitudinal travel	220 mm
Cross travel	160 mm
Vertical travel	210 mm
Taper of spindle bore	MT2
Spindle stroke	50 mm
Range of spindle speeds	50-2250 rpm
Head tilt left & right	±90°
Power of motor	500 W
Packing size	500x450x760 mm
N.W./G.W	70/90 kg

SP2217-I



Optional auto-feeder

SP2217-II

VARIABLE SPEED MILL

Specifications

Drilling capacity	20 mm
Face milling capacity	63 mm
End milling capacity	20 mm
Spindle taper	MT2
Sleeve travel	50 mm
Spindle speed	50-2250 rpm
Head rotation	±90°
Table size	500x180/700x180 mm
X-axis travel	280/480 mm
Y-axis travel	175 mm
Z-axis travel	380 mm
T-slot	12 mm
Motor	750 W
Packing size	670/870x550x860 mm
Net weight	110/122 kg
Gross weight	135/147 kg

 Brushless Motor
Available

VARIABLE SPEED MILL

Specifications

Drilling capacity	25 mm
Face milling capacity	63 mm
End milling capacity	20 mm
Spindle taper	MT3/R8
Sleeve travel	50 mm
Spindle speed	50-2250 rpm
Head rotation	±90°
Table size	500x180/700x180 mm
X-axis travel	280/480 mm
Y-axis travel	175 mm
Z-axis travel	380 mm
T-slot	12 mm
Motor	750 W
Packing size	670/870x550x860 mm
Net weight	113/125 kg
Gross weight	138/150 kg

SP2217-III



VARIABLE SPEED MILL

Specifications

Drilling capacity	32 mm
Face milling capacity	80 mm
End milling capacity	25 mm
Spindle taper	MT3 or R8
Sleeve	70 mm
Spindle speed	50-2250 rpm
Head rotation	±90°
Table size	700x210/840x210 mm
X-axis travel	425/625 mm
Y-axis travel	220 mm
Z-axis travel	370 mm
T-slot	14 mm
Motor	1100 W
Packing size	710/850x690x1150 mm
Net weight	220/240 kg

Optional auto-feeder



SP2217-IV

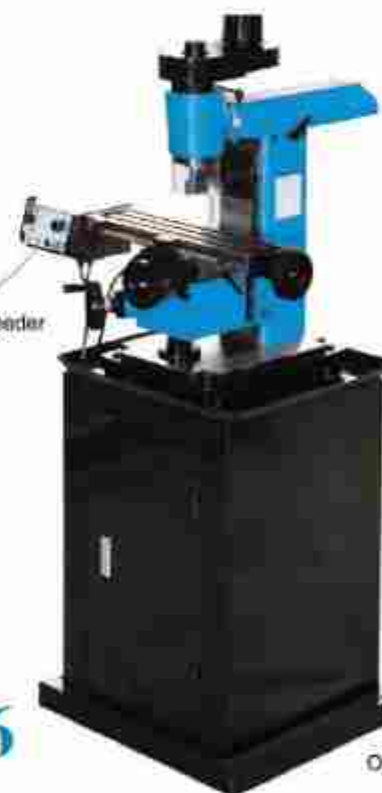
Universal milling machine

Specifications

End mill capacity	16 mm
Face mill capacity	30 mm
Table longitudinal travel(X)	300 mm
Table cross travel(Y)	90 mm
Spindle box travel(Z)	205 mm
Longitudinal milling tilting angle	45°L, 45°R
Spindle taper	MT3 or R8
Max. distance spindle to table	265mm
Motor output power	350 W
Brushless motor	500 W
Spindle speed (variable speed)	0-2000 rpm
Spindle speed (brushless motor)	0-2500 rpm
Max. sawing cutter diameter	Ø63
Table effective size	460x120 mm
T-slot size	12 mm
Overall dimension (LxWxH)	590x670x800 mm
Packing size (LxWxH)	860x870x810 mm
Weight (Net/Gross)	105/125 kg

SP2226

Optional auto feeder



Optional stand



SP7016



SP7020



SP7025



SP7032



SP7040



SP7045

Model	SP7016	SP7020	SP7025	SP7032	SP7040	SP7045
Max drilling capacity	16mm	20mm	25mm	32mm	40mm	45mm
Width of face milling	50mm	50mm	63mm	60mm	80mm	80mm
Diameter of vertical milling	12mm	12mm	13mm	22mm	26mm	26mm
Spindle travel	115mm	115mm	90mm	130mm	120mm	120mm
Distance spindle axis to column surface	240mm	240mm	202mm	202mm	200mm	250mm
Max. distance spindle nose to worktable	440mm	440mm	380mm	450mm	450mm	475mm
Spindle taper	MT 2	MT 2	MT 3	MT 3 or R8	MT 3 or R8	MT 4
Spindle speed range	235~2250RPM	185~2400RPM	100~2150RPM	100~2150RPM	95~1800RPM	95~1500RPM
Spindle speeds	5	12	12	12	6	6
Table Size	565x195mm	565x195mm	565x195mm	730x210mm	730x210mm	820x240mm
Travel of worktable	330x175mm	330x175mm	330x145mm	500x175mm	500x175mm	550x200mm
Overall height	1040mm	1040mm	930mm	1100mm	1110mm	1040mm
Headstock travel	350mm	350mm	300mm	315mm	350mm	410mm
Motor	550W	750W	750W	1500W	750W	750W
G.W./N.W.	200/160KG	200/160KG	260/220KG	330/265KG	340/275KG	340/270KG
Packing Size	730x920x1050mm	730x920x1050mm	750x860x1050mm	845x745x1150mm	870x770x1130mm	870x770x1130mm

GEAR HEAD MILLING & DRILLING MACHINE



Specifications

Model	SP2207-I	SP2207-II/SP2208-II	SP2207-III/SP2208-III	SP2207-IV/SP2208-IV
Drilling capacity	25 mm	32 mm	40 mm	45 mm
Face milling capacity	63 mm	63 mm	80 mm	80 mm
End milling capacity	20 mm	20 mm	32 mm	32 mm
Distance from spindle nose to table	445 mm	450 mm	450 mm	450 mm
Min. distance from spindle axis to column	203 mm	260 mm	260 mm	260 mm
Spindle travel	80 mm	130 mm	130 mm	130 mm
Spindle taper	MT3 or R8	MT3 or R8	MT4 or R8	MT4 or R8
Step of spindle speed	6	6	6	6
Range of spindle speed 50Hz	95~1420 r.p.m	80~1250 r.p.m	80~1250 r.p.m	80~1250 r.p.m
60Hz	115~1700 r.p.m	95~1500 r.p.m	95~1500 r.p.m	95~1500 r.p.m
Swivel angle of headstock (vertically)	90°	90°	90°	90°
Table size	520x160 mm	800x240 (optional 1000x240mm)		
Forward and backward travel of table	140 mm	175 mm	175 mm	175 mm
Left and right travel of table	290 mm	500 mm	500 mm	500 mm
*Motor Power	0.37 KW	0.75 KW(1HP)	1.1 KW(1.5HP)	1.5 KW(2HP)
Net weight/Gross weight	160 kg/240 kg	320 kg/370 kg	320 kg/370 kg	323 kg/373 kg
Packing size	680x750x1000 mm	770x880x1160 mm	770x880x1160 mm	770x880x1160 mm
Loading amount	48 pcs	36 pcs	36 pcs	36 pcs



Specifications

Model	SP2229	SP2230
Max. drilling dia.	50,30 mm	50,30 mm
Spindle taper	MT4, R8, ISO30, ISO40 mm	MT4, R8, ISO30, ISO40 mm
Max. vertical milling dia.	25 mm	25 mm
Max. boring dia.	120 mm	120 mm
Distance: spindle to table surface	140-490 mm	100-480 mm
Spindle speed range (Vertical/Horizontal)	90-2000/38-1310 r.p.m	115-1750/40-1300 r.p.m
Spindle travel	120 mm	120 mm
Table size	1120x280 mm	1120x280 mm
Table travel	600x260 mm	600x260 mm
Packing size	1400x1600x2220 mm	1400x1630x2350 mm
Main motor power (vertical/Horizontal)	2.2/ 2.2 kw	0.85/1.5; 2.2 kw
N.W./G.W.	1200/1350 kg	1200/1350 kg

**SP2231****SP2232**

Specifications

Model	SP2231	SP2232
Max.drilling dia.	50(2") mm	50(2") mm
Max.horizontal milling dia.	100 mm	100 mm
Max.vertical milling dia.	25 mm	25 mm
Max. boring dia.	120 mm	120 mm
Max tapping dia.	M16	M16
Spindle taper	ISO30,R8,MT4	ISO30,R8,MT4
Spindle speed range(Vertical/Horizontal)	V:230-1825(8) H:60-1350(8)	V:115-1750(8) H:60-1350(8)
Spindle travel	120 mm	120 mm
Table size	800X240 mm	800X240 mm
Table travel	400X230X350 mm	400X230X350 mm
Main motor power(vertical/Horizontal)	V:0.65/1.5 H:2.2kw	V:0.85/1.5 H:2.2kw
Packing size	1200X1300X2220 mm	1200X1300X2220 mm
N.W./G.W.	850/1000 kg	850/1000 kg

**SP2233**

Rotary table and head

**SP2234**

Specifications

Model	SP2233	SP2234
Max.drilling dia.	50 mm	50 mm
Max.horizontal milling dia.	100 mm	100 mm
Max.vertical milling dia.	32 mm	32 mm
Max. boring dia.	100 mm	100 mm
Spindle taper	M14,R8	M14,R8
Spindle speed range	270-2400 r/min	115-1750 r/min
Spindle travel	125 mm	125 mm
Table size	260x1000 mm	260x1000 mm
Table travel	450x280x380 mm	450x280x380 mm
Main motor power	1.5 kw	0.85/1.5 kw
Packing size	1250x1100x2000 mm	1250x1100x2000 mm
N.W./G.W.	700/760 kg	700/760 kg

TURRET MILLING MACHINE

Specifications

Spindle taper	ISO40(V) ISO40(H)
Diameter of quill	95mm
Distance from spindle to table	90~370mm
Distance from horizontal spindle to table	0~280mm
Distance from spindle to column	200~700mm
Spindle speeds (16 step) 80~5440 r.p.m(V) 40~1300 r.p.m(H)	
Spindle travel	127mm
Feeding of quill (3 step) 0.04 0.08 0.15	
Max.drilling capacity of auto-feeding	Ø10
Head movement	±45°
Table size	1270x280mm
Table travel(horizontal/Cross/Vertical)	800/350/400mm
Max.weight of workpiece	200kg
T-slot Number/width/distance	3/14mm / 60mm
Milling head moving (Vertical)	Dovetail rail
Cross slide way	Dovetail rail
Longitudinal slide way	Dovetail rail
Main motor	3HP(V) 2.2KW(H)
Overall dimension	1600x1450x2100mm
Packing size	1600x1550x2250mm
N.W./G.W.	1250/1350kg


SP2241

TURRET MILLING MACHINE

Specifications

Table size	254x1270/305x1370
Longitudinal travel	850mm
Cross travel	400mm
Vertical travel	420mm
T-slot No.and size	3x16
Ram travel	470mm
Distance from spindle nose to table surface	0~420mm
Spindle hole taper	(standard): R8 (optional): ISO30/ISO40
Spindle travel	127mm (standard) 16 steps 50HZ: 80~5440 (optional) stepless 65~4200
Spindle speed	(three steps): 0.04(0.0015)~0.08(0.003)
Auto quill feed	(0.15(0.006)mm/revolution)
Main motor	2.25KW or 3.75KW
Swivel	90°
Head tilting	45°
Dimension of package	1616/1766x1550x2080mm
Net weight	1420/1650 kg
Gross weight	1380/1590 kg


SP2242

UNIVERSAL MILLING MACHINE

Specifications

Head movement	±360°
Spindle speeds (11 step) 35~1600 r.p.m	
Table size	1120x260mm
Table travel(horizontal/ cross/vertical)	600/270/400mm
Feeding range of longitudinal/cross travel	22~555mm/min
X,Y-axis rapid feed speed	1080mm/min
Z-axis rapid feed speed	590mm/min
Z-axis motor power	750W
Max.weight of workpiece	200kg
T-slot Number/width/distance	3/14mm / 60mm
Milling head moving (vertical)	55° Dovetail rail
Cross slide way	Dovetail rail
Longitudinal slide way	Dovetail rail
Main motor	2.2KW
X,Yaxis driving motor	750W
Overall dimension	1655x1500x1730mm
Packing size	1680x1600x2250mm
N.W./G.W.	1300/1400kg


SP2243

UNIVERSAL MILLING MACHINE

Specifications

Spindle taper	ISO40
Distance from spindle to table	0~450mm
Spindle speeds (12 step) 40~1300 r.p.m	
Table size	1200x280mm
Table travel(horizontal/ cross/vertical)	720/300/450mm
Feeding range of longitudinal/cross travel	22~430mm/min
X-axis Rapid feed speed	430mm/min
Max.weight of workpiece	300kg
T-slot Number/width/distance	3/14mm / 70mm
Milling head moving (vertical)	Dovetail rail
Cross slide way	Dovetail rail
Longitudinal slide way	Dovetail rail
Main motor	1.5KW
X axis driving motor	370W
Overall dimension	1700x1500x2000mm
Packing size	1750x1650x2250mm
N.W./G.W.	1750/1900kg


SP2245

OPTIONAL ACCESSORIES FOR MILLING MACHINE



10 Pieces END Mill set



20 Pieces END Mill set



20 Pieces END Mill set



58mm Clamping kit



10 Pieces Double END Mill set



200 Pieces Double END Mill set



Mill chuck set



Universal dividing head



80/90/100/125mm Vice



Quick vice



Metric Hand Reamers



Indexable carbide end mill



Rotary table



Dividing plate



4-jaw chuck



3-jaw chuck



Tailstock



Stand (Only for SP2202, SP2203)



Stand



Auto feeder

MOVABLE TOOL CABINET

Model

SP-001

Size

700*350* 670mm

Size with wheels

700*350* 760mm

Package size

710*370* 250mm

N.W/G.W

15/16.5kg

Wheels

3"



Model

SP-002

Size

630*400* 720mm

Size with wheels

630*400* 820mm

Package size

650*420* 740mm

N.W/G.W

19/ 22kg

Wheels

3"



Model

SP-003

Size

960* 460*850mm

Size with wheels

960* 460*975mm

Package size

980*480*1015mm

N.W/G.W

53/55kg

Wheels

4"



Model

SP-004

Size

960*460* 850mm

Size with wheels

960*460*97 5mm

Package size

980*480* 1015mm

N.W/G.W

57/ 60kg

Wheels

5"

MULTI-PURPOSE MACHINE



MULTI-PURPOSE MACHINE

Specifications

Swing over bed	420 mm
Distance between centers	500/800 mm
Max longitudinal travel	440/740 mm
Max cross travel	200 mm
Taper of spindle	M.T.4
Spindle hole	Ø28 mm
Step/Range of speed	7/160-1360 rpm
Barrel travel	70 mm
Taper of center	M.T.3
Metric/Inch thread range	0.2-6 mm/4-120 T.P.I.
Longitudinal range of automatic feeding	0.05-0.35 mm
Cross range of automatic feeding	0.05-0.35 mm
Drilling capacity	Ø22 mm
Table size (LxW)	475x160 mm ²
End/Face mill capacity	Ø28/Ø80 mm
Max distance between spindle center and column	285 mm
Max distance between spindle nose and table	306 mm
Spindle travel	110 mm
Spindle taper	M.T.3
Steps/range of spindle speed	16/120-3000 rpm
Swivel angle of headstock	±180°
Main motor power/Drill and mill main motor	0.55/0.55 KW
Packing size	1130/1430x580x1100 mm
Weight (Net/Gross)	245/280(275/325) kg
Loading amount	40 pcs/26 pcs/20 container

Optional Stand



SP2305

MULTI-PURPOSE MACHINE

Specifications

Cutting

Max swing over bed	Ø300 mm
Max swing over cross slide	Ø180 mm
Max swing over gap	430 mm
Distance between centers	910/1000 mm
Spindle bore	Ø38 mm
Taper of spindle bore	MT#5
Range of spindle speed	65-1400rpm(or 65-1810 rpm)
Stations of tool carrier	4
Range of longitudinal feeds	0.079-1.291 mm/rev
Range of cross feeds	0.017-0.275 mm/rev
Range of metric threads	0.4-7 mm
Range of inch threads	4-60 TPI
Max travel of tailstock quill	100 mm
Taper of tailstock bore	MT#3
Motor power	1.1/1.5 KW
Unitary packing of lathe	1680/1850x750x1400 mm
Asunder packing of lathe	1680/1850x750x740 mm
	700x460x380/300 mm

Drilling and milling

Max drilling capacity	25 mm
Distance from bench to spindle nose	232 mm
Spindle speed steps	Variable speed
Spindle speed scope	Low: 100-1000 r/min
	High: 100-1000 r/min
Size of worktable	340x120 mm
Taper of milling spindle bore	MT#3
Max travel of spindle quill	80 mm
Max end milling capacity	25 mm
Max face milling capacity	50 mm
Headstock stroke (Z)	230 mm
Motor	600 W
Net weight	130 kg
Asunder packing of mill head	1060x630x740 mm
Unitary packing of mill combo	1680/1940x850x1850 mm

Packing Size (LxWxH)	Model 910	1680x750x1400 mm
	Model 1000	1910x750x1400 mm
Weight (Net/Gross)	Model 910	520/560 kg
	Model 1000	580/630 kg

Standard accessories

3-jaw Chuck (Ø160mm)	MT#3 dead centers	Change gears	Oil gun
Taper lever of drill chuck	Tool box with tools	MT5/3 sleeve	Oil tray
Foot stands	Splash guard	Tapered drift	Drill chuck

MULTI-PURPOSE MACHINE



MULTI-PURPOSE MACHINE

Specifications

Cutting (Lathe)

Distance between centers	700mm
Swing over bed	300mm
Swing over cross slide	180mm
Width of bed	182mm
Taper of spindle bore	MT5
Spindle bore	38mm
Range of spindle speed	80-2000r/min
Taper of tailstock quill	MT3
Range of metric thread	0.2~3.5mm
Range of imperial thread	8~56 T.P.I.
Main Motor	1.5KW

Milling and drilling

Drilling capacity	20mm
Face milling capacity	63mm
End milling capacity	20mm
Spindle taper	MT2/R8
Sleeve travel	50mm
Spindle speed	50-2250rpm
Distance spindle to table	380mm
Spindle manual travel	180mm
Motor	750W
Packing size	1450X770X1050mm
Net weight	315Kg

Standard accessories			
3 jaw chuck	Drill chuck	Dead center	
Splash guard	Oil can	Wrench set	Toolbox & tools



SP2330

Swing dia. over bed	330mm
Swing dia. over table	190mm
Distance between centers	610mm/1000mm
Spindle bore	28mm
Spindle speed	50~3000r/min
Longitudinal stroke	510mm/890mm
Cross stroke	185mm
Small toolpost stroke	70mm
Metric pitch/grade	0.35~6.5mm/24
Inch pitch/grade	7~52 T.P.I./21
Longitudinal feed/grade	0.067~0.5mm/r/21
Cross feed/grade	0.021~0.157mm/r/21
Milling-drilling spindle taper	MT3
Milling-drilling shaft stroke	127mm
Milling-drilling box stroke	110mm
Table size	450x170mm
Drilling dia.	24mm
Power of motor	1.1kw
Case dimensions of machine	1260x570x1110mm/1640x570x1110mm
Case dimensions of stand	1540x560x550MM



SP2307

**BS150FHC****BS270FH****BS370FH****BS712GSW**

Model	BS150FHC	BS712GSW	BS270FH	BS370FH
Motor power	550W (110V/230V single phase) (220V/400V three phase)	1100W (110V/230V single phase) (220V/400V three phase)	1100/1500W (230V 4pole single phase) (400V 2pole or 4pole three phase)	1100/1500W (220v/400v 4pole or 8pole three phase)
Reduce gear rate			16:1 (1~ motor) 33:1 (3~ motor)	25:1
Saw blade size	1638x12.7x0.64mm	2360x20x0.9mm	2450x27x0.9mm	3160x27x0.9mm
Blade speed	20/29/50 m/min	22 / 33 / 45 / 65 m/min	75m/min (1~motor) 37.5 or 75 m/min(3~ motor)	34 or 68 m/min
Cutting capacity max	128mm round 100mm square 127x150mm rectangle	205mm round 205mm square 215x205mm rectangle	220mm round 200mm square 260x140mm rectangle	270mm round 260mm square 220x370mm rectangle
Cutting angle	0°/1.45°/1.60°/R45°	0°/1.45°/R45°	0°/30°/45°/60°	0°/15°/30°/45°/60°
Coolant pump			70W	25W
Packing size	650x445x255mm	770x520x320mm	1320x760x950mm	1770x755x1120mm
N.W./G.W.	152/190kgs	180/215kgs	218/290kgs	365/415kgs

**BS2240****Specifications**

Model	BS2240
Cutting capacity	●220mm ■400x100mm 45°/135mm
Saw blade size	27×0.9×3045mm
Blade speed	21/34/43/60m/min
Blade tension	manual
Blade cleaning	wire brush/flood coolant
Main motor	1.5kw
Coolant power	0.06kw
Workpiece clamping	manual
N.W./G.W.	380/420kgs
Packing size	1780x790x1180mm

Specifications

Model	BS2835
Cutting capacity	●280mm ■300x220mm
Saw blade size	27×0.9×3505mm
Blade speed	25/35/45/60/80m/min
Blade tension	manual
Blade cleaning	wire brush/flood coolant
Main motor	2.2kw
Hydraulic motor	0.75kw
Coolant power	0.06kw
Workpiece clamping	hydraulic
N.W./G.W.	720/770kgs
Packing size	1850x1200x1350mm

**BS2835****BS3840****Specifications**

Model	BS3840
Cutting capacity	●380mm ■400x250mm
Saw blade size	34×1.1×4115mm
Blade speed	20/40/60/75m/min
Blade tension	manual
Blade cleaning	wire brush/flood coolant
Main motor	3.0kw
Coolant power	0.06kw
Hydraulic motor	0.75kw
Workpiece clamping	hydraulic
N.W./G.W.	1000/1050kgs
Packing size	2070x1380x1485mm

**BS4050D****Specifications**

Model	BS4050D
Cutting Capacity	•400/ •400 x 500mm
Blade speed	26/38/52/70/90 m/min
Blade Size	34x1.1x4650mm
Guides	Carbide and bearing blade guides
Cleaning	Wire brush & flood coolant
Tension	Manual
Blade motor output	3kw
Hydraulic motor output	0.75kw
Coolant motor output	0.06kw
Work feeding	Manual
Work vice	Hydraulic
Machine Weight	1250kgs
Packing Size(L*W*H)	2400x1200x1710mm

Specifications

Model	BS300SA
Cutting Capacity	•300/ •350 x 300mm 45° •260/ •280 x 300mm
Blade speed	20~80m/min
Blade Size	34x1.1x4420mm
Guides	Carbide and bearing blade guides
Cleaning	Wire brush & flood coolant
Tension	Manual
Blade motor output	3kw
Hydraulic motor output	0.75kw
Coolant motor output	0.06kw
Multiple feed	400mm x 9 times
Work vice	Hydraulic
Machine Weight	2190kg
Packing Size(L*W*H)	2250x2460x1920mm

**BS300SA****Full automatic Band saw****BS330B**

Model	BS330B
Cutting capacity	Round 330mm Rectangle 330x 330mm
Saw blade	Speed 20~ 80m/min inverter control Size 34x1.1x4115 mm
Guides	Carbide and bearing blade guides
Cleaning	Wire brush & flood coolant
Tension	Hydraulic
Motor	Blade 4KW Hydraulic 0.75KW Coolant 0.135KW
Multiple feed	500mm x 10 times
Work Vice	Hydraulic
Machine Size	2350x 2220x 1500mm
N/G Weight	2100/2200kg

**BS4235**

Model	BS4235
Cutting capacity	350 - 350 X 350mm
Blade speed	27, 45, 69 m/min
Blade size	4115 X 34 X 1.1mm
Main motor	3kw
Hydraulic motor	0.55kw
Coolant motor	40w
Workpiece clamping	Hydraulic vice
Main drive structure	Worm gear
Feeding type	Roller sliding
Overall size	1980 X 1110 X 1750mm
Packing size	2100 X 1160 X 1850mm
Weight	900KG

**BS4240**

Model	BS4240
Cutting capacity	400 - 400 X 400mm
Blade speed	27, 45, 69 m/min
Blade size	5800 X 41 X 1.3mm
Main motor	4kw
Hydraulic motor	0.75kw
Coolant motor	90w
Workpiece clamping	Hydraulic vice
Main drive structure	Worm gear
Feeding type	Roller sliding
Overall size	2380 X 1200 X 1850mm
Packing size	2460 x 1270 X 2000mm
Weight	1400KG

**BS4250**

Model	BS4250
Cutting capacity	500 - 500 X 500mm
Blade speed	27, 45, 69 m/min
Blade size	5800 X 41 X 1.3mm
Main motor	5.5kw
Hydraulic motor	0.75kw
Coolant motor	90w
Workpiece clamping	Hydraulic vice
Main drive structure	Worm gear
Feeding type	Roller sliding
Overall size	2780 X 1300 X 2000mm
Packing size	2960 x 1470 X 2200mm
Weight	1800KG

SP2501



Model	SP2501
Longitudinal stroke	340mm
cross stroke	170mm
vertical stroke	210mm
Table size	152mm*304mm
Width of T-slot	1-12mm
Cross feed per graduation	0.02mm
Cross feed per round	2.54mm
Vertical feeds per graduation	0.025mm
Vertical feed per round	1.25mm
Roughness	1.8µm
Size to grinding wheel	180mm*32mm*13mm
Power of motor	0.55kw
N. W. / G. W. of machine	210/258kgv
N. W. / G. W. of stand	30/54kg
Overall dimension of machine L*W*H	930*760*730mm
Case dimension of machine L*W*H	1100*760*860mm
Case dimension of stand L*W*H	750*580*830mm

Model	SP2502
Max workpiece to be Ground (L x W x H)	500x190x335mm
Max. Grinding Length	500mm
Max. Grinding Width	190mm
Distance From Table Surface To Spindle Center	335mm
Slide way	V-type rail with Steel-ball
V-type rail with Steel-ball	200kg
Table Size (Lx W)	460x180mm
Number of T-Slot	14x1mmxn
Cross Feed On Handwheel	0.02/Graduation 2.5/revolution
Vertical Feed On Handwheel	0.01/Graduation 1.25/revolution
Wheel Size (dia x width x bore)	180x13x31.75mm
Spindle speeds	50HZ 2850rpm
Spindle Motor	1.1kw
Coolant Pump	0.04kw
Parallel Level	300/0.005mm
Machine Size (L x W x H)	1240x1080x1680mm
Packing Size (L x W x H)	750/650kg
Gross/Net weight	

SP2502



Specifications

Model	SP2504
Max workpiece to be Ground (L x W x H)	580x250x490mm
Max. Grinding Length	560mm
Max. Grinding Width	250mm
Distance From Table Surface To Spindle Center	490mm
Slide way	V-type rail with Steel-ball
V-type rail with Steel-ball	250kg
Table Size (Lx W)	500x250mm
Number of T-Slot	14x1mmxn
Cross Feed On Handwheel	0.02/Graduation 2.5/revolution
Vertical Feed On Handwheel	0.01/Graduation 1.25/revolution
Wheel Size (dia x width x bore)	200x20x31.75mm
Spindle speeds	50HZ 2850rpm
Spindle Motor	1.5kw
Coolant Pump	0.04kw
Parallel Level	300/0.005mm
Machine Size (L x W x H)	1800x1400x1800mm
Packing Size (L x W x H)	1280x1250x1880mm
Gross/Net weight	1100/1000kg

SP2504



Specifications

Model	SP2506
Max workpiece to be Ground (L x W x H)	630x310x390mm
Max. Grinding Length	630mm
Max. Grinding Width	320mm
Distance From Table Surface To Spindle Center	550mm
Slide way	V-type rail with Steel-ball
V-type rail with Steel-ball	200kg
Table Size (Lx W)	600x300mm
Number of T-Slot	14x1mmxn
Cross Feed On Handwheel	0.02/Graduation / 2.5/revolution
Vertical Feed On Handwheel	0.01/Graduation / 1.25/revolution
Wheel Size (dia x width x bore)	300x30x75mm
Spindle speeds	50HZ 1440rpm
Total Power	3.79kw
Spindle Motor	4kw
Working Pressure	4Mpa
Max. Capacity	20L/min
Oil tank capacity	100L
Surface Roughness	Ra0.32µm
Parallel Level	300/0.005mm
Machine Size (L x W x H)	1960x1480x1850mm
Packing Size (L x W x H)	2000x1640x2020mm
Gross/Net weight	1600/1500kg

SP2506



Specifications

Model	SP2508
Max workpiece to be Ground (L x W x H)	520x250x490mm
Distance From Table Surface To Spindle Center	450mm
Slide way	V-type rail with Steel-ball
V-type rail with Steel-ball	200kg
Table Size (Lx W)	560x260mm
Number of T-Slot	14x1mmxn
Speed of working table	3-20m/min
Cross Feed On Handwheel	0.02/Graduation / 4/revolution
Vertical Feed On Handwheel	0.01/Graduation / 2/revolution
Wheel Size (dia x width x bore)	200x20x31.75mm
Spindle speeds	50HZ 2850rpm(0-6000)
Spindle Motor	1.5kw
Hydraulic station motor	1.5kw
Working Pressure	3Mpa
Hydraulic capacity	18L/min
Tank capacity	80L
Coolant Pump	0.04kw
Parallel Level	300/0.004mm
Machine Size (L x W x H)	1680x1220x1720mm
Packing Size (L x W x H)	1750x1350x1960mm
Gross/Net weight	1350/1250kg

SP2508



Model	SP2513/SGA high precision
Table size	305x600mm
Longitudinal/cross/vertical travel	830/340/540mm
Magnetic chuck size	300X600mm
Table longitudinal move speed	7-23m/min
Table cross move auto feed	0.1-8mm/min
Table cross move rapid feed	990mm/min
Table cross move hand wheel feed	0.02mm/div.
Grinding head vertical move auto feed	(H/R mode) 0.005/0.01/0.02/0.03/ 0.04/0.05(only for D model)

Grinding head vertical move rapid feed

Grinding head vertical move hand wheel feed	0.005mm/div.
Grinding wheel speed	50HZ 1440 - 60HZ 1750
Grinding wheel size(GDxWxD)	350x40x127mm
Spindle motor	5.5kw
Hydraulic motor	2.2kw
Cooling motor	0.08kw
Max. Loading capacity of table (include magnetic chuck)	270kg
Cross feed motor	0.04kw
Total rated motor	9kw
Crossweight	2800
Packing size	2315X2220X2230mm



SP2513 SGA

SURFACE GRINDER

SP2514 SGA



Model	SP2514/SGA high precision
Table size	406x800mm
Longitudinal/cross/vertical travel	830/440/540mm
Magnetic chuck size	400X800mm
Table longitudinal move speed	7-23m/min
Table cross move auto feed	0.1-8mm/min
Table cross move rapid feed	990mm/min
Table cross move hand wheel feed	0.02mm/div
Grinding head vertical move auto feed (H/R mode)	0.005/0.01/0.02/0.03/0.04/0.05(only for D model)
Grinding head vertical move rapid feed (H model)	610(only for R model) 480(only for D model)
Grinding head vertical move hand wheel feed	0.005mm/div
Grinding wheel speed	50HZ 1440 60HZ 1750
Grinding wheel size(ODxWxD)	350x40x127mm
Spindle motor	5.5kw
Hydraulic motor	2.2kw
Cooling motor	0.09kw
Max. Loading capacity of table (include magnetic chuck)	500kg
Cross feed motor	0.04kw
Total rated motor	9kw
Crossweight	3500kg
Packing size	2720X2265X2250mm

Model	SP2515/SGA high precision
Table size	305x1000mm
Longitudinal/cross/vertical travel	1030/340/540mm
Magnetic chuck size	300X1000mm
Table longitudinal move speed	7-23m/min
Table cross move auto feed	0.1-8mm/min
Table cross move rapid feed	990mm/min
Table cross move hand wheel feed	0.02mm/div
Grinding head vertical move auto feed (H/R mode)	0.005/0.01/0.02/0.03/0.04/0.05(only for D model)
Grinding head vertical move rapid feed (H model)	610(only for R model) 480(only for D model)
Grinding head vertical move hand wheel feed	0.005mm/div
Grinding wheel speed	50HZ 1440 60HZ 1750
Grinding wheel size(ODxWxD)	350x40x127mm
Spindle motor	5.5kw
Hydraulic motor	2.2kw
Cooling motor	0.09kw
Max. Loading capacity of table (include magnetic chuck)	400kg
Cross feed motor	0.04kw
Total rated motor	9kw
Crossweight	3200
Packing size	2960X2210X2220mm

SP2515 SGA



SP2516 SGA



Model	SP2516/SGA high precision
Table size	406x1005mm
Longitudinal/cross/vertical travel	1030/440/540mm
Magnetic chuck size	400X1000mm
Table longitudinal move speed	7-23m/min
Table cross move auto feed	0.1-8mm/min
Table cross move rapid feed	990mm/min
Table cross move hand wheel feed	0.02mm/div
Grinding head vertical move auto feed (H/R mode)	0.005/0.01/0.02/0.03/0.04/0.05(only for D model)
Grinding head vertical move rapid feed (H model)	610(only for R model) 480(only for D model)
Grinding head vertical move hand wheel feed	0.005mm/div
Grinding wheel speed	50HZ 1440 60HZ 1750
Grinding wheel size(ODxWxD)	350x40x127mm
Spindle motor	5.5kw
Hydraulic motor	2.2kw
Cooling motor	0.09kw
Max. Loading capacity of table (include magnetic chuck)	600kg
Cross feed motor	0.04kw
Total rated motor	9kw
Crossweight	3900
Packing size	3420X2250X2230mm

SURFACE GRINDER



Model	Unit	SP60100	SP60150	SP60200
Working Surface of Table	mm	500×1000(20"×40")	600×1500(24"×60")	600×2000(24"×80")
Max. Table Travel	mm	1140	1600	2230
Max. Cross Travel	mm	540	650	650
Distance Between Table Surface and Spindle Center	mm	590	600	600
Max. Table Load	kgs	800	1200	1200
T-Slot (Number×Width)	mm	3×16	3×16	3×16
Table Speed	m/min	5~25	5~25	5~25
Crossfeed Handwheel	1 grad	mm	0.02	0.02
	1 rev	mm	5	5
Automatic Crossfeed of Saddle	mm	0.5~12	0.5~12	0.5~12
Automatic Crossfeed Rate	mm/min	1250	1250	1250
Power Cross Feed	mm/min	1500	1500	1500
Grinding Wheel Dimensions	mm	355×40×127	400X50X127	400X50X127
Spindle Speed	50Hz	rpm	1450	1450
	60Hz	rpm	1740	1740
Vertical Handwheel	1 grad	mm	0.001/0.1	0.001/0.1
	1 rev	mm	0.1/1	0.1/1
Automatic Down Feed Rate	mm	0.001~0.1	0.001~0.1	0.001~0.1
Power Head Increment	mm	600	600	600
Spindle Motor	kw	7.5	7.5	7.5
Coolant system	w	90	90	90
Hydraulic motor	kw	2.2	5.5	5.5
Transverse motor	kw	1.5	1.5	1.5
Floor Space	mm	4445×2445	5900X2500	6200X2700
Packing Dimensions	mm	3400×2265×2250	5800X2300X2250	5800X2300X2250
Net Weight	kgs	5000	7300	8500

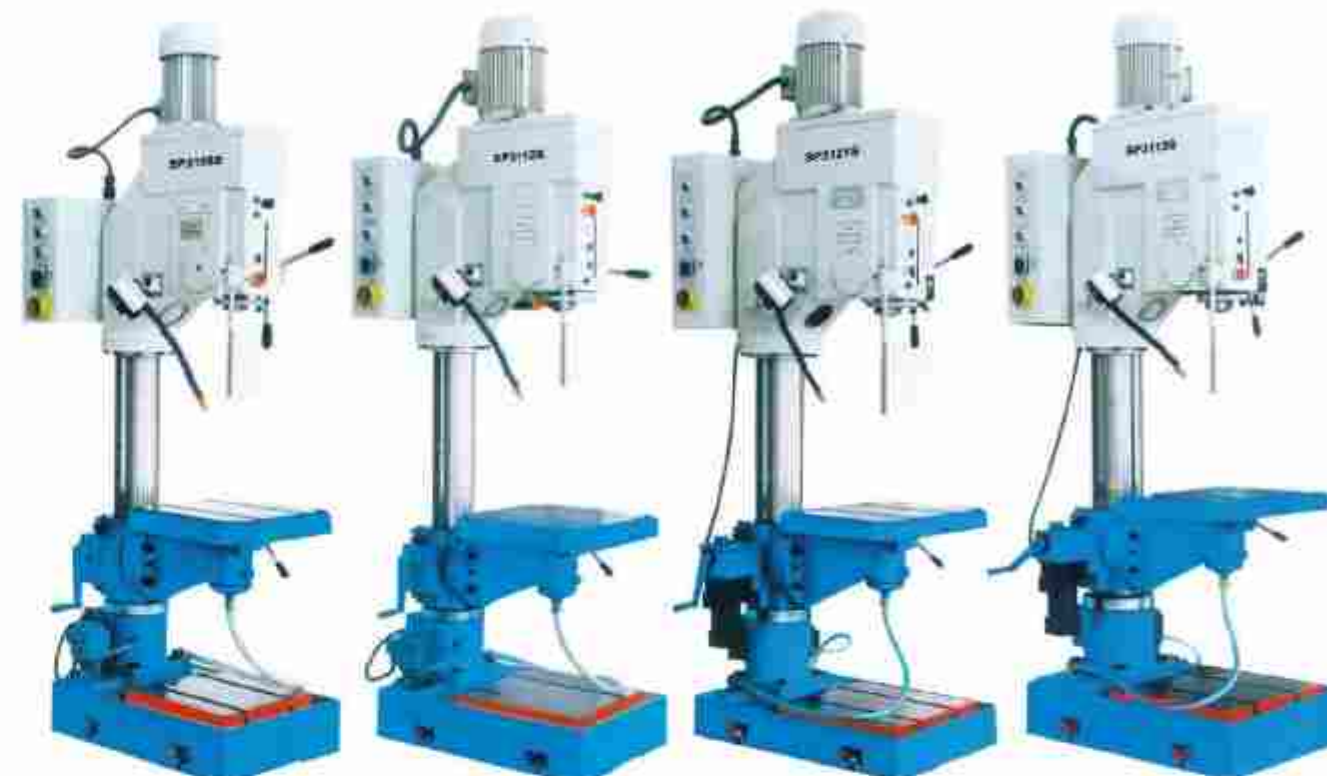


SP3110S

SP3111S

Specifications

Model	SP3110S	SP3111S
Max.drilling capacity	32 mm	40 mm
Distance from spindle axis to generating line of column	290 mm	290 mm
Max.distance from spindle nose to working surface of work table	790 mm	540 mm
Max.distance from spindle nose to working surface of base plate	1300 mm	905 mm
Spindle stroke	115 mm	115 mm
Max.adjustment of work table and table rest	790 mm	500 mm
Swivel of table and table rest	±45°	NA
Spindle bore taper	MT3	MT4
Spindle speed L	55-350 r.p.m	60-350 r.p.m
W	350-2300 r.p.m	350-2300 r.p.m
Column diameter	Ø120 mm	Ø140 mm
Effective working area of table(LxW)	320x320 mm	Ø420 mm
Effective working area of base plate(LxW)	380x380 mm	560x370 mm
Dimension of T-slot of table and base plate	2-12 mm	2-12 mm
3-phase two-speed ac motor Y2-909	Power	1.5 Kw
Speed	1440 r/min	1440 r/min
3-phase pump motor DB-4TH	Power	0.06 Kw
Flow rate	4 L/min	4 L/min
Packing dimension(LxWxH)	900x590x1980 mm	900x590x1980 mm
Net/gross weight	310/360 Kg	310/360 Kg



SP3108S

SP3112S

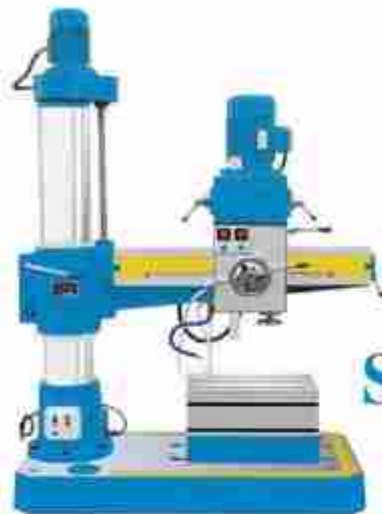
SP3121S

SP3113S

Specifications

Model	SP3108S	SP3112S	SP3121S	SP3113S
Max.drilling capacity	30 mm	35 mm	40 mm	50 mm
Max.tapping capacity	M18 mm	M20 mm	M24 mm	M24 mm
Distance from spindle axis to generating line of column	315 mm	330 mm	360 mm	360 mm
Max.distance from spindle nose to working surface of work table	520 mm	610 mm	600 mm	600 mm
Max.distance from spindle nose to working surface of base plate	1080 mm	1150 mm	1205 mm	1215 mm
Spindle stroke	135 mm	150 mm	180 mm	180 mm
Max.adjustment of work table and table rest	480 mm	540 mm	525 mm	560 mm
Swivel of table and table rest	±45°	±45°	±45°	±45°
Spindle bore taper(Morse)	3	4	4	4
Spindle speed steps	12	12	12	12
Spindle speed	70-2800 r/min	70-2800 r/min	42-2050 r/min	42-1865 r/min
Spindle feed steps	3	3	4	4
Spindle feed range	0.1, 0.2, 0.3 mm/r	0.1, 0.2, 0.3 mm/r	0.07, 0.15, 0.25, 0.4 mm/r	0.07, 0.15, 0.25, 0.4 mm/r
Column diameter	Ø125 mm	Ø140 mm	Ø180 mm	Ø170 mm
Effective working area of table(LxW)	374x374 mm	424x424 mm	370x500 mm	370x500 mm
Effective working area of base plate(LxW)	370x380 mm	420x380 mm	460x450 mm	460x450 mm
Dimension of T-slot of table and base plate	2-14, 2-16 mm	2-14, 2-16 mm	2-14, 2-16 mm	2-14, 2-16 mm
3-phase two-speed ac motor	Power	1.1/1.5 Kw	1.5/2.2 Kw	2.2/2.8 Kw
Speed	960/1450 r/min	960/1450 r/min	960/1450 r/min	960/1450 r/min
3-phase pump motor	Power	0.09 Kw	0.09 Kw	0.09 Kw
Flow rate	6 L/min	6 L/min	6 L/min	6 L/min
Packing dimension(LxWxH)	650x1050x1950 mm	700x1150x2150 mm	700x1150x2150 mm	700x1150x2150 mm
Net/gross weight	440/500 Kg	670/730 Kg	740/800 Kg	800/860 Kg

RADIAL DRILLING MACHINE



SP3125

Specifications

Model	SP3125
Max. drilling diameter	32mm
Column diameter	200mm
Distance between spindle axis and column	200-910mm
Distance of spindle box movement	710mm
Distance spindle nose and table surface	330-1060mm
Rocker lift distance	730mm
Spindle travel	120mm
Spindle taper	MT4
Range of spindle speeds	108-1000r/min
Range of spindle feeds	0.10-0.25mm/r
Rocker rotary angle	360°
Motor power	1.5/2.2Kw
Movement motor power	0.55kw
Cooling motor power	0.04kw
Machine weight	1060kg
Overall dimension	1400×660×2060mm

Specifications

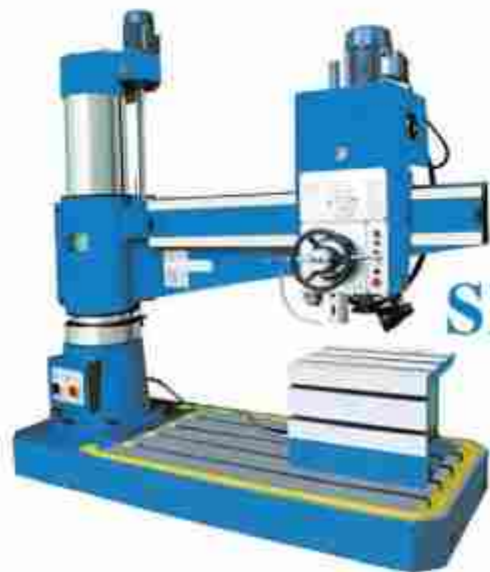
Model	SP3126
Max. drilling diameter	40mm
Column diameter	280mm
Distance spindle nose and table surface	260-1050mm
Distance between spindle axis and column	360-1300mm
Spindle travel	200mm
Spindle taper	MT4
Range of spindle speeds	75-1200r/min
Number of spindle speeds	6 step
Range of spindle feeds	0.10-0.56mm/r
Number of spindle feeds	3 step
Rocker rotary angle	360°
Motor power	2.2kw
Movement motor power	0.75kw
Machine weight (SP3126x13/16)	2000/3800kg
Overall dimension (SP3126x13)	2000x600x2240mm
(SP3126x16)	2400x980x2580mm



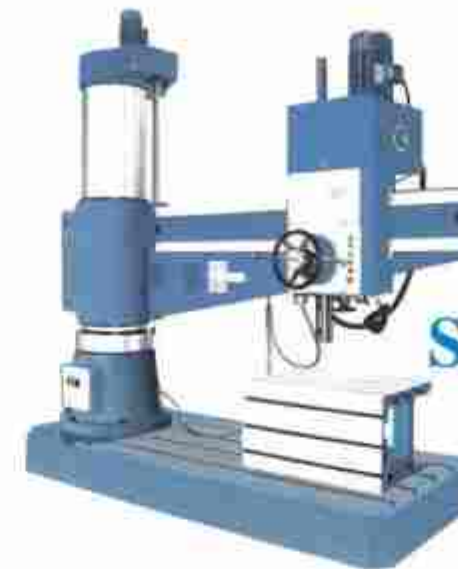
SP3126

Specifications

Model	SP3127
Max. drilling diameter	50mm
Distance between spindle axis and column	350-1800mm
Distance spindle nose and table surface	320-1220mm
Rocker arm lifting distance	580mm
Rocker arm lifting speed	0.02m/s
Spindle travel	315mm
Spindle taper	MT5
Range of spindle speeds	25-2000r/min
Number of spindle speeds	16 step
Range of spindle feeds	0.04-3.20mm/r
Number of spindle feeds	16 step
The maximum torque of the spindle	500 N.M
Spindle maximum feed resistance	18000 N
Table size	630×500mm
The spindle box of horizontal moving distance	1250mm
Spindle motor power	4kw
Hydraulic clamping motor power	0.75kw
Cooling pump motor power	0.09kw
Arm lift motor power	1.5kw
Machine weight	3500kg
Overall dimension	2500×1070×2840mm



SP3127



SP3128

Model	SP3128
Max. drilling dia(mm)	53mm
Distance from spindle nose to table surface	500-1300mm
Distance between spindle axis and column surface	400-2000
Spindle travel	400mm
Spindle Cone	MT5
Spindle speeds range	20-1600r.p.m
Spindle speed step	16
Spindle feeding range	0.04-3.2 r.p.m
Spindle feeding step	16
Rocker rotary angle	360°
Main motor power	5.5 kw
Movements motor power	1.5 kw
Weight	6500kg
Overall dimensions	3000x 1250x 3300mm

Model	SP3129
Max. drilling dia(mm)	80mm
Distance from spindle nose to table surface	550-2000mm
Distance between spindle axis and column surface	500-2500mm
Spindle travel	400mm
Spindle Cone	MT6
Spindle speeds range	15-1250 r.p.m
Spindle speed step	16
Spindle feeding range	0.04-3.2 r.p.m
Spindle feeding step	16
Rocker rotary angle	360°
Main motor power	7.5 kw
Movements motor power	1.5 kw
Weight	11000kg
Overall dimensions	3780x 1400x 3790mm



SP3129



SP3130

Model	SP3130
Max. drilling dia(mm)	100mm
Distance from spindle nose to table surface	750-2500mm
Distance between spindle axis and column surface	570-3150mm
Spindle travel	500mm
Spindle Cone	MT6
Spindle speeds range	8-1000 r.p.m
Spindle speed step	22
Spindle feeding range	0.05-3.2 r.p.m
Spindle feeding step	16
Rocker rotary angle	360°
Main motor power	15 kw
Movements motor power	3 kw
Weight	20000kg
Overall dimensions	43760x 1630x 4720mm

DRILL PRESS



Laser Chuck guard Front switch Keyless drill chuck Key type drill chuck Vice

• Laser, Chuck guard, Front switch, Keyless drill chuck, Key type drill chuck, Vice, as optional



SP5213A

SP5213B

SP5216A-I

Specifications

Model	SP5213A	SP5213B	SP5216A-I
Drilling Cap.	13mm(1/2")	13mm(1/2")	16mm(5/8")
Motor Power	250/350W	250W	350/550W
Spindle Travel	50mm	65mm	65mm
Class of Speed	5	5	5
Spindle Taper	B18	B16	B16
Swing	210mm	260mm	260mm
Table Size	160x160mm	190x190mm	190x190mm
Base Size	290x190mm	340x210mm	340x210mm
Column Dia.	Ø48	Ø58	Ø58
Height	590mm	680mm	840mm
N.W./G.W.	19/20kgs	27/29kgs	32/34kgs
Packing Size	435X340X230mm	570x410x265mm	660x430x265mm
Quantity/20'	840pcs	450pcs	360pcs

DRILL PRESS



Laser Chuck guard Front switch Keyless drill chuck Key type drill chuck Vice

• Laser, Chuck guard, Front switch, Keyless drill chuck, Key type drill chuck, Vice, as optional



SP5216A-II

SP5216B-II

SP5216B-I

Specifications

Model	SP5216A-II	SP5216B-II	SP5216B-I
Drilling Cap.	16mm(5/8")	16mm(5/8")	16mm(5/8")
Motor Power	350/550W	550W	550W
Spindle Travel	65mm	85mm	85mm
Class of Speed	12	15	15
Spindle Taper	MT#2	MT#2	MT#2
Swing	310mm	360mm	325mm
Table Size	≤ 260mm	290x290mm	290mm
Base Size	420x250mm	460x272mm	420x250mm
Column Dia.	Ø58	Ø70-72	Ø70-72
Height	900mm	1000mm	980mm
N.W./G.W.	40/42kgs	60/63kgs	50/52kgs
Packing Size	780x450x280mm	825x490x290mm	780x450x280mm
Quantity/20'	280pcs	250pcs	280pcs

DRILL PRESS



Laser Chuck guard Front switch Keyless drill chuck Key type drill chuck Vice

• Laser, Chuck guard, Front switch, Keyless drill chuck, Key type drill chuck, Vice, as optional



SP5220A

SP5220B

SP5216C-II

SP5216C-I

Specifications

Model	SP5220A	SP5220B	SP5216C-II	SP5216C-I
Drilling Cap.	20mm(3/4")	20mm(3/4")	16mm(5/8")	16mm(5/8")
Motor Power	750W	750W	550W	550W
Spindle Travel	85mm	85mm	85mm	85mm
Class of Speed	16	16	16	16
Spindle Taper	MT#2	MT#2	MT#2	MT#2
Swing	360mm	360mm	360mm	325mm
Table Size	Ø290mm	290x290mm	290x290mm	Ø290mm
Base Size	460x272mm	460x272mm	460x272mm	460x272mm
Column Dia.	Ø70-72	Ø70-72	Ø70-72	Ø70-72
Height	1200mm	1600mm	1600mm	1580mm
N.W./G.W.	63/68kgs	70/74kgs	70/74kgs	60/63kgs
Packing Size	1000x500x300mm	1140x500x300mm	1140x500x300mm	1140x460x280mm
Quantity/20'	180pcs	170pcs	170pcs	200pcs

DRILL PRESS



Laser Chuck guard Handle Keyless drill chuck Key type drill chuck Vice

• Laser, Chuck guard, Handle, Keyless drill chuck, Key type drill chuck, Vice, as optional



SP5225A

SP5225B

SP5232A

SP5232B

Specifications

Model	SP5225A	SP5225B	SP5232A	SP5232B
Drilling Cap.	25mm(1")	25mm(1")	32mm(1-1/4")	32mm(1-1/4")
Motor Power	750/1100W	1110W	1100/1500W	1100/1500W
Spindle Travel	65mm	120mm	120mm	120mm
Class of Speed	12	12	12	12
Spindle Taper	MT#3	MT#3	MT#4	MT#4
Swing	360mm	450mm	450mm	510mm
Table Size	290x290mm	350x350mm	360x360mm	420x480mm
Base Size	460x272mm	470x360mm	470x360mm	560x450mm
Column Dia.	Ø80	Ø92	Ø92	Ø92
Height	1600mm	1710mm	1710mm	1710mm
N.W./G.W.	80/84kgs	120/128kgs	130/138kgs	145/153kgs
Packing Size	1140x490x280mm	1420x650x310mm	1420x650x310mm	1420x650x310mm
Quantity/20'	180pcs	86pcs	86pcs	86pcs

DRILL PRESS

Motor(W)	550W
Column Dia	65mm
Swing	305mm
Max.drilling capacity	16mm
Chuck capacity(mm)	3-16mm
Taper	JT3/B16
Spindle travel	80mm
No. of speed	Variable
Speed range 50Hz	450-2500rpm
Speed range 60Hz	530-3100rpm
Table size	240*245mm
Base size	395*250mm
Overall height	930mm
Measurement	750*500*280mm
N.W/G.W	35/33kg

Variable speed



SP5216VS/80

Model	SP5216VS/90
Feature	Dilling(Vario speed)
Drill chuck	1 6mm
Column Diameter	60mm
Spindle Travel	90mm
Swing	300mm
Spindle Taper	MT2
Speed Range	280~3000RPM
No. Of speed	various
Table Size	243x243mm
Base Table size	413x246mm
Height	910mm
Motor	550W
Weight	42/45kg
Packing Size	545x325x950mm
Quantity for 1*20FT	300PCS

Variable speed



SP5216VS/90

MAGNETIC DRILL



SP5129



SP5113



SP5133



SP5107



SP5103



SP5105

Specifications

Model	Twist drill	Hole drill	Rated voltage	Rated input power	No-load speed	Max. attraction	N.W
SP5113	23mm	45mm	230-240V/110V-120V 50HZ 60HZ	1200W	100-500r/min	>13000N	19.8kg
SP5105	28mm	40mm	230-240V/110V-120V 50HZ 60HZ	1200W	120-560r/min	>15000N	24kg
SP5107		16mm	230-240V/110V-120V 50HZ 60HZ	900W	800r/min	>9500N	10.7kg
SP5103	25mm	50mm	230-240V/110V-120V 50HZ 60HZ	1350W	480r/min	>15000N	19.2kg
SP5129	32mm	50mm	230-240V/110V-120V 50HZ 60HZ	1800W	170r/min	>17000N	47kg
SP5133	35mm	55mm	230-240V/110V-120V 50HZ 60HZ	900W	600r/min	>9500N	10.9kg

**SP7125****SP7132 SP7140 SP7150**

- It has different speeds and a wide cutting scope.
- It has a high-efficiency arc-push saw which is one and a half times more efficient than that of normal sawing machines.
- It has a new style V-shaped transmission belt which is very quiet(no louder than 74db)
- Its main electrical components are installed inside,thus giving it an elegant outer appearance and rendering it extremely safe.
- Automatic cutting process except gripping device and feeding mechanism,With Protective System.
- Hydraulic transmission simple running Easy upkeep.

Specifications

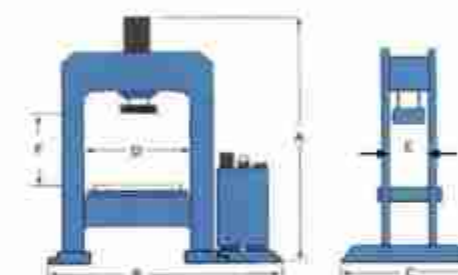
Model	SP7025B	SP7125	SP7132	SP7140	SP7150
Round bar	250	250mm	320mm	400mm	500mm
Square bar	220*220 mm	220*220 mm	280*280 mm	330*330 mm	400*400 mm
Oblique saw	45°	45°	45°	45°	45°
Sawing speed (time/min)	75:90:108	43:50:60:88:100:120	39:60:84	34:50:84	34:50:84
Blade size	450*40*2.5 mm	450*45*2.25 mm	600*50*2.5 mm	650*55*2.5 mm	750*63*2.5 mm
Main motor	2.24kw	3.22 kw	3.44kw	4.34 kw	4.34kw
N.W./G.W.	600kg	600 kg	1100 kg	1200 kg	1450kg

**SP-30 HYDRAULIC PRESS**

SP-20 Precision hydraulic drill press

SP-20 HYDRAULIC PRESS**SP-50/63 HYDRAULIC PRESS**

Model	A	B	C	D	E	F
SP-20	1400	1100	450	500	140	490
SP-30	1400	1100	450	500	160	490
SP-50	1750	1300	550	800	200	540
SP-100	1950	1550	750	1080	270	540
SP-150	2250	1600	750	1000	270	790
SP-200	2250	2100	850	1000	300	790
SP-300	2450	2450	1200	1200	350	600
SP-500	2790	2700	1300	1200	400	600



- It has different speeds and a wide cutting scope.
- It has a high-efficiency arc-push saw which is one and a half times more efficient than that of normal sawing machines.
- It has a new style V-shaped transmission belt which is very quiet(no louder than 74db)
- Its main electrical components are installed inside,thus giving it an elegant outer appearance and rendering it extremely safe.
- Automatic cutting process except gripping device and feeding mechanism,With Protective System.
- Hydraulic transmission simple running Easy upkeep.

TECHNICAL SPECIFICATION

MODEL	SP-10	SP-20	SP-30	SP-50	SP-63
CAPACITY (KN)	100	200	300	500	630
PRESSURE (MPa)	25	25	25	25	30
TRAVEL (mm)	200+200	200+250	200+270	220+405	220+405
TABLE SIZE (mm)	260 X 300	280 X 300	300 X 400	480 X 360	400 X 500
DIMENSION (mm)	1000 X 450 X 1200	1160 X 550 X 1500	1180 X 550 X 1600	1500 X 650 X 1950	1500 X 650 X 1950
WEIGHT (KG)	220	320	420	980	1020