

Power Tools

Multi-Purpose Geared Head Drilling & Milling Machine

Specifications

Model	400GCT
Drilling Capacity (Cast Iron)	40mm
Drilling Capacity (Steel)	32mm
Face Milling Capacity	76mm
End Milling Capacity	32mm
Spindle Taper	MT #3 or R-8
Spindle Nose to Table	580mm
Column Dia	115mm
Quill Dia.	75mm
Quill Travel	120mm
Swing	550mm
Head Swivel	90° R&L
Main Motor	0.75 P.S. 1 HP
Speed of Spindle 50 Hz	50, 100, 170, 370, 1250rpm(4P)
Speed of Spindle 60 Hz	60, 120, 200, 450, 850, 1500rpm(4P)
Table Surface	585 x 190mm
Cross Travel of Table	210mm
Longitudinal Travel of Table	340mm
Overall Height	1880mm
T-Slot Size	14mm
Cabinet Stand	--
Measurement (mm)	740 x 780 x 1955
N.W/G.W	325kgs / 360kgs



400GCT
AC01127

Features

- Available for milling, boring, drilling, tapping and etc.,
- Gear head can be titled 90° right & left each.
- Clutch operated micro down feed.
- The headstock is composed 11 pieces precision of gear (all 2.0mm pitch) and all immersed in oil bath.
- Available CE standard as fig shows such as: Electrical Control System,
- Cabinet Stand, Protecting Guard.

Precision Surface Grinder



CB-618
AC01197

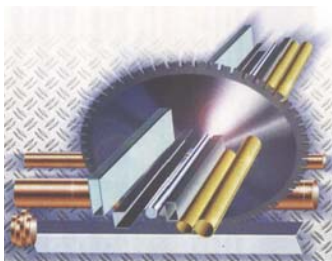
Specifications

Model	CB-618 / CB-618M			
Table Size	150x460mm			
Distance between spindle center to table surface	490mm			
Max. grinding length (lougitudinal)	480mm			
Max. grinding width (crosswise)	170mm			
Table longitudinal movement	Max.hydraulic travel	Max.manual travel	Infinitely variable speed	
	---	530mm	---	
Saddle cross movement	Max.auto feed	Max.manual feed	Per revolution	Per graduation
	---	180mm	5mm	0.02mm
Vertical downfeed hand wheel	Rapid traverse	Per revolution	Per graduation	Per Micro feed graduation
	---	1mm	0.005mm	---
Spindle motor	RPM 60Hz/3450rpm/50Hz/2850rpm			HP 2HP
Grinding wheel dimension	Outer Diameter	Width	Internal Diameter	
	203mm	12mm(STD) 19mm(MAX)	31.75mm	
Floor Space	Machine Size(mm) 1350x900x1720		Total space required (mm) 1950x1100x1770	
Weight	Net weight 691kg		Gross weight 791kg	
Total rating power	3.0HP			
Packing size (mm)	1480x1120x1950			

Under-Cut Sawing Machine For Aluminium Profile

Model	AC01198
Features	Profile locking system Bench rotation to ensure bars alignment High perform cutting capabilities Trimming capability on the profile length Suitable also for panel cutting
Specification	
Motor:	2HP 1.5Kw
Power:	3Phase 415V 50Hz
Speed:	3000rpm
Blade Size:	350mm
Dimension:	680mm(L) x 720mm(W) x 1170mm(H)

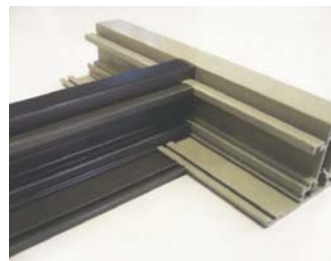
AC01198



Groove Milling Machine For Aluminium Profile

Model	AC01199
Features	Can processing sevseal piece of profile after clamp Convenient tool adjustment to meet different requirement No need special ordering tool when processing various profile Large tool diameter and high milling speed
Specification	
Motor:	1.5HP 1.1Kw
Power:	3Phase 415V 50Hz
Dimension:	620mm(L) x 500mm(W) x 1145mm(H)

AC01199



Allinton Engineering & Trading Pte Ltd

Head Office: Block 803, King George's Avenue #01-234 Singapore 200803. Tel: 6296 0679 (10 lines) 6292 7728 Fax: 6297 0024

Branch Office: 21 Tuas Basin Link Singapore 638782 Tel: 6265 1888 (10 lines) Fax: 6265 5623

Web-site: <http://www.allinton.com.sg> E-mail: allinton@singnet.com.sg

Power Tools

Milling Machine 2500M

Specification

TABLE

Table Area	1500 x 350mm
No. of "T" shaped slots	5-16H7
Distance between "T" shaped slots	60mm
Rotary movement of table in both direction	45°
TRAVERSE	
Automatic longitudinal	1150mm
Automatic cross	400mm
Automatic vertical	500mm
Available distance from spindle to overarm	155mm
SPINDLE (horizontal)	
Housing of the taper spindle	ISO-40/50
Diameter of the main shaft nose	88.88-128.57mm
Milling arbor diameter(*)	27mm
No. of speeds of the spindle (R.P.M.)	12(40-1800)50Hz
FEEDS	
Longitudinal and cross feeds	10-1208
Vertical	5-604

RAPID TRAVERSE

Longitudinal and cross	1208mm/min(60Hz)
Vertical	604mm/min

PUISSANCE

V-Belts	4
Main motor HP	7.5
Feed motor HP	2

COOLING

Cooling-pump HP	1/8
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MOTORIZED OVERARM

Housing of the taper spindle	ISO-40/50
Number of speeds	12
Speed range (R.P.M.)	(35-1600)50Hz
Power HP	5.5

WEIGHT

Maximum weight on table	700kg
Net weight	3500kg
Gross weight with seapacking case	3800kg
Cubical measure of packing	2.3 x 1.6 x 2.2m

STANDARD ACCESSORIES:

1. 27mm or 1" long horizontal ISO#40 milling arbor.
2. Horizontal & vertical manual draw-bars.
3. Coolant pump & coolant system.
4. Tool box and service tools.

OPTIONAL ACCESSORIES:

1. AC auto feed device is available.
2. Ball screws for "X" "Y" axis.
3. Auto ways lubrication unit.
4. Chip tray.
5. Universal dividing head, complete with 3 JAW chuck.
6. Horizontal & vertical rotary table.
7. Hydraulic clamping vise 6" or 8".
8. Power milling vise 6" or 8".
9. Clamping kit.
10. Pneumatic power draw bar.
11. ISO #50 spindle taper.

AC01212



Shaping Machine B6050

This machine is designed for the shaping plane and formed surfaces. If used for shaping plane surfaces, T-slots and dovetail slots, etc. On narrow and long workpieces, the machine will obtain much higher productivity. With the equipment of a special vice or a dividing head, the machine can be used for processing the end surfaces and slots with equal distance on cylindrical or rectangular workpieces.

Specification

Max. Shaping length	500mm
Max. distance, from lower edge of ram to table	370mm
Max. travel of table	(horizontal) 500mm (vertical) 300mm
Max. swivel angle of table	(without vice) ±90° (with vice) ±50°
Max. vertical travel of tool head	110mm
Frequency of ram stroke	15, 24, 37, 51, 64, 80, 102, 126, 158times/min
TABLE FEED PER RAM STROKE	
Pawl riding over 1 ratchet tooth	(vertical) 0.0845mm (horizontal) 0.133mm
Pawl riding over 10 ratchet teeth	(vertical) 0.845mm (horizontal) 1.33mm
Motor	3kW1420r/min
Vice measurements (Width x Depth x Msx. opening)	240 x 64 x 215mm
Overall dimensions (L x W x H)	1943 x 1160 x 1533mm

Packing Size (L x W x H)	Export	2150 x 1340 x 1470mm
	Import	2210 x 1450 x 1470mm
Net Weight		1800kg
Gross Weight		2100kg

AC01213



Horizontal Lathes with Big-Bore Spindle C6266B

Specification

CAPACITY

Max. swing dia. over bed	Ø 660mm
Max. swing dia. over side	Ø 455mm
Max. swing dia. over gap	Ø 870mm
Effective length in gap	240mm
Max. work piece length	2000mm

SPINDLE

Spindle bore diameter	Ø 80mm
Taper of spindle bore	1:20 Ø90
Spindle speeds	18 steps 12~1600rpm

FEED AND THREADS

Max. travel of upper tool post	145mm
Max. travel of lower tool post	380mm
Tool section	25 x 25mm
X-axis federate	50 Hz: 4.5m/min; 60 Hz: 5.4m/min
Z-axis federate	50 Hz: 1.9m/min; 60 Hz: 2.3m/min
X-axis feed	58 kinds 0.04~1.07mm/r
Z-axis feed	58 kinds 0.09~2.52mm/r
Metric threads	40 kinds 1~112mm
Inch threads	48 kinds 70~1/16 t.p.i
Module threads	36 kinds 0.5~56πmm
Diametric pitch threads	46 kinds 56~1/8DP

TAILSTOCK

Diametric of quill	Ø 75mm
Max. travel of quill	150mm
Taper of quill (Morse)	MT5

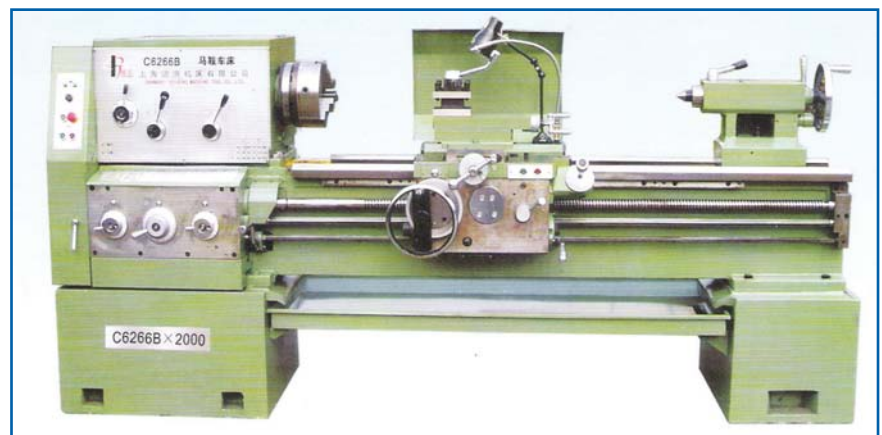
MOTOR

Main motor power	6.5/8 kW
Rapid traverse motor power	0.25kW
Coolant pump motor power	0.09kW

OTHER

Length	3625mm
Width	1123mm
Height	1385mm
Weight	2500kg

AC01214



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Power Tools

Horizontal Lathes Machine CV61100B

Specification

BED	
Max. tactical diameter of the lathe bed	Ø 1090mm
Max. turning length	5000mm
Max. swivel diameter of the tool slide	Ø 680mm
Width of the bed	800mm
SPINDLE	
Diameter of the spindle hole	Ø 120mm
Front taper of the spindle hole	Ø 140mm
Quantity of the sorts of the positive rotation speed	24 (3.15~315) r/min
Quantity of the sorts of the reversal rotation speed	12 (5~400) r/min
FEED	
No. of feeds	56 step
Longitudinal feed	0.1~12mm
Horizontal (one half of the longitudinal amount)	0.05~6mm
Upper longitudinal (one-fourth of the longitudinal amount)	0.025~3mm
Range of metric thread cut	44 (1~120)mm
Range of the teeth number of inch system thread per	31 (28~1/4)inch
Range of module thread	45 (0.5~60)mm
Range of pitch thread	38 (1/2~56)DP

TOOL SUPPORT

Vertical distance from the spindle center to tool setting base	41mm
Sectional dimension of the cutter arbor	40 x 40mm
Rotary angle of the tool support	± 90°
Maximum longitudinal stroke of the large saddle	5000mm
Maximum horizontal stroke of the medium-sized saddle	-180~525
Maximum longitudinal stroke of the small-sized saddle	300mm
Stroke of the tool support every movement in the dial scale of the small and medium sized saddle	0.05mm
Rapid travelling speed of longitudinal	3740mm/min
Rapid travelling speed of horizontal	1870mm/min
Rapid travelling speed of small tool support	935mm/min

TAILSTOCK

Center sleeve diameter	Ø 140mm
Maximum stroke of the center sleeve	308mm
Center sleeve taper bore	Morse Cone No.6

MOTOR

Power of spindle motor	22kW
Rapid traveling speed of motor power	1.5kW



AC01215

Radial Drilling Machine Z3050 x 16

Specification

Max. drilling diameter (with tensile strength of 65kg/mm ² in steel)	50mm	Max. travel of spindle	315mm
Distance from axis of spindle to column surface	Maximum 1600mm Minimum 350mm	Number of spindle speeds (one of which is 0)	16
Distance from spindle nose to base plate	Maximum 1210mm Minimum 310mm	Range of spindle speeds (clockwise)	25~2000r/min
Max. travel of arm on column	600mm	Number of feeds (one of which is 0)	16
Max. travel of spindle head on arm (manual)	1250mm	Range of feeds	0.04~3.2mm/r
Taper hole in spindle	Morse No. 5	Main drive motor power	4kW
		Weight of the machine (approx)	3500kg
		Machine overall dimensions (L x W x H)	2490 x 1060 x 2625mm



AC01216

QC12Y Hydraulic Pendulum Shearing Machines

- The machine employs hydraulically-driven swing beam, the steel plate welded structure, and accumulator-based pullback cylinder with steady and reliable operation.
- Indicator-based adjustment of gap of blade is convenient and fast.
- The machine is equipped with lighting alignment device, and uses stepless control for the stroke of up tool carrier.
- The machine uses protection fence for safe operation.
- Digital display device for size of back gauge and shearing times available.

AC01217

Code No.	Model	Shear Size (T x W) (mm)	Shear Angle	Strokes (min ⁻¹)	Backgauge Range (mm)	Main Motor (kW)	Weight (Kg)	Overall Dimension (L x W x H) (mm)
AC01217	QC12Y - 16 x 4000	16 x 4000	2°20'	≥ 5	20-800	18.5	15 300	4745 x 2477 x 2035
AC01218	QC12Y - 20 x 5000	20 x 5000	2°30'	≥ 4	20-800	37	30 000	5900 x 3000 x 3300
AC01219	QC12Y - 25 x 3200	25 x 3200	3°	≥ 4	40-1000	37	26 000	4200 x 2400 x 2500



Hack Sawing Machine

Specification	HR 14	HR 16
Cutting-Capacity:	6-1/2" x 6-1/2"	8-1/2" x 8-1/2"
Blade Size:	14" x 1" x 50"	16" x 1" x 50"
Stroke:	6-1/4" - 3-1/2"	6-1/4" - 3-1/2"
Motor Speed 1400:	61 rpm - 81 rpm	61 rpm - 81 rpm
Motor:	1/3 - 1/2 220V	1/3 - 1/2 220V
Floor Space:	36" x 15"	36" x 15"
Height:	25"	27"
Net Weight:	115kg	125kg
Coolant Tank Capacity:	2 litre	2 litre

HR 14 AC00980
HR 16 AC00981



Electric Bandsaw Machine

	RF-712	RF-916
Capacity-Vise:	7" Round 7" x 12" Rectangle	9" Round 9" x 16" Rectangle
Blade Speed:	86-130-180-235 FPM 60Hz 70-110-150-196 FPM 50Hz	50-125-200-275 FPM 60Hz 40-105-165-230 FPM 50Hz
Motor:	1 Hp 4 pole 60Hz 1725rpm 1 Hp 4 pole 50Hz 1420rpm	1-1/2 Hp 4 pole 60Hz 1725rpm 1-1/2 Hp 4 pole 50Hz 1420rpm
Blade Size:	3/4" x 0.032" x 93"	1" x 0.037" x 117"
Machine Dimensions:	L 49" x W 17" x H39.5 L 49" x W 17" x H63.5	L 63" x W 30.7" x H41.3 L 63" x W 30.7" x H41.3
Weight:	N.W. 125kgs (275lbs) G.W. 150kgs (330lbs)	N.W. 285kgs (625lbs) G.W. 320kgs (704lbs)
Packing:	50.5" x 18" x 39" (20.5Cuft)	62" x 32" x 45" (51.7Cuft)



RF 716 AC00982
RF 916 AC00983

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