

- **MILLING MACHINES**
- **LATHE MACHINES**
- **SURFACE GRINDER MACHINES**
- **RADIAL DRILL MACHINES**
- **BANDSAW & HACKSAW MACHINES**
- **TOOL & CUTTER MACHINES**
- **TAPPING MACHINES**
- **WIRE-CUT EDM MACHINES**
- **ZNC EDM MACHINES**
- **SERVO EDM MACHINES**
- **DRILL EDM MACHINES**



AEROSPACE



AUTOMOTIVE



GENERAL ENGINEERING



RAILWAYS

P&G SALES AND TOOLING PVT. LTD.

TURRET TYPE MILLING MACHINE



MODEL	UNIT	3KS	4KS	4KS1	5KS	6KS
Spindle Taper		R8/ISO30/ISO40	R8/ISO30/ISO40	R8/ISO30/ISO40	ISO40	ISO40
Spindle speeds	rpm	70-4620 (16 speeds)	70-4620 (16 speeds)	66-4550 (16 speeds)	80-5440 (16 speeds)	80-5440 (16 speeds)
Quill Diameter	mm	Dia 85.72	Dia 85.72	Dia 85.72	Dia 105	Dia 105
Quill Travel	mm	127	127	127	125	125
Quill feed	mm	0.04	0.04	0.038	0.045	0.045
	mm	0.08	0.08	0.076	0.086	0.086
	mm	0.15	0.15	0.203	0.142	0.142
Head tilt		45° forward & backward	45° forward & backward	45° forward & backward	90° Right & left	90° Right & left
Spindle Motor	hp	3	3	3	5	5
Table						
Table Size	mm	254x1270	254x1371	254x1371	305x1370	305x1470
		10"x50"	10"x54"	10"x54"	12"x54"	12"x58"
Longitudinal Manual	mm	850	920	900	920	990
Travel (X) Auto	mm	750	800	800	800	870
Cross Travel (Y)	mm	350	420	400	430	450
Vertical Travel (Z)	mm	350	420	350	450	450
T Slot (Width x Traught no. x Pitch)		16x3x63	16x3x63	16x3x63	16x3x80	16x3x80
Ram						
Ram Travel	mm	550	550	500	610	620
Machine Weight	kg	1200	1400	1350	1450	1
Machine Dimensions (LxWxH)	mm	1500*1700*2150	1600*1730*2210	1600*1730*2210	1600*1680*2300	

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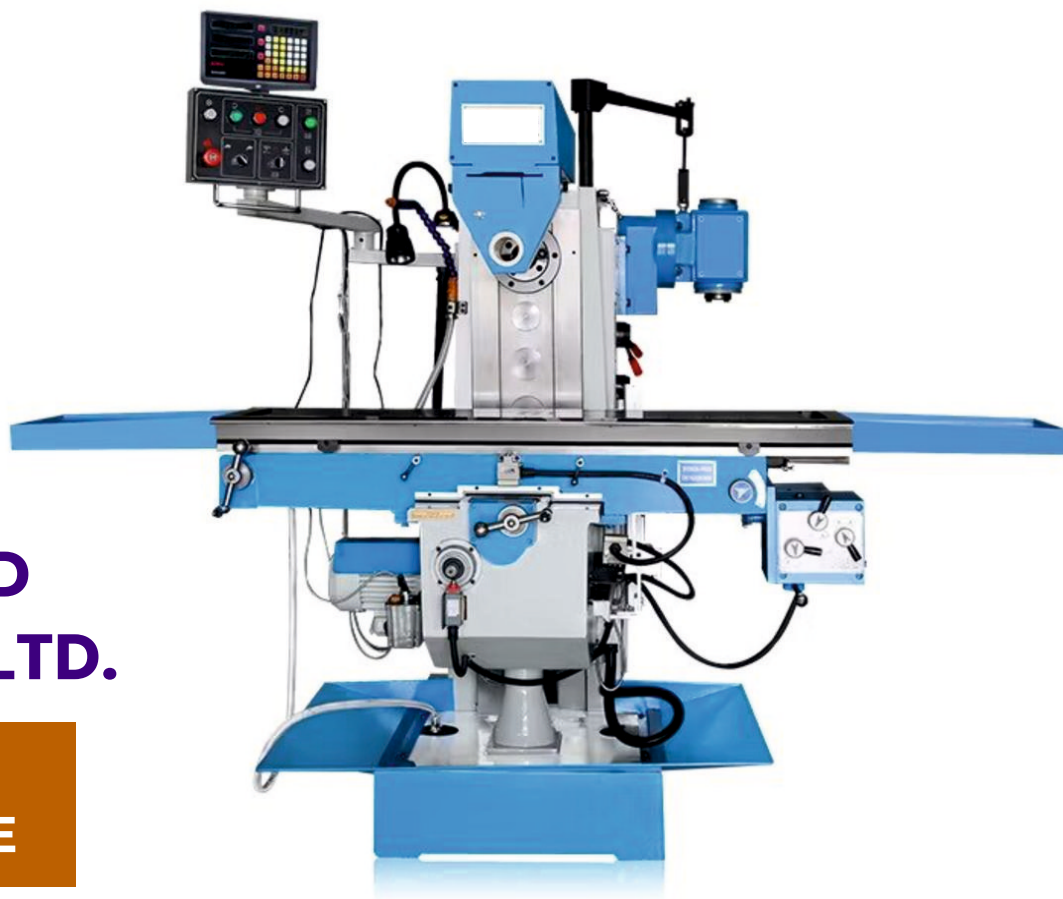
EXCEL MILLING MACHINE



MODEL	UNIT	EXCEL M3V	EXCEL M4E
Spindle speeds	rpm	80-5440 (16 Speeds)	80-5440(16 speeds)
Quill Diameter	mm	Dia 85.725	Dia 85.725
Quill Travel	mm	127	127
Quill feed	mm	0.04	0.04
	mm	0.08	0.08
	mm	0.15	0.15
Head tilt		45° Forward & Back 90° Right & left	45° forward & back 90° Right & left
Spindle Motor	hp	3	3
Table		10*50	10*54
Longitudinal Manual	mm	850	900
Travel (X) Auto	mm	700	800
Cross Travel (Y)	mm	395	400
Vertical Travel (Z)	mm	400	400
T Slot (Width x Traught no. x Pitch)		15*3*50	15*3*50
Ram Travel	mm	540	500
Machine Weight	kg	1250	1400
Machine Dimensions (LxWxH)	mm	1500x1700x2150	1600*1730*2210

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KNEE TYPE MILLING MACHINE



Specification	UNITS	PM1H	PM2H	PM3V	PM5V
Table Size	MM	1120X260	1370x360	1320X20	1700x400
Table Travel	MM	600X300	850/320/400		
Spindle Taper		ISO40	ISO50		
No./width/distance Of T-slot	MM		14/3/195	3-18-70.	3-18-90.
Max. Load Of Table				500	800
Automatic Drilling Dia	MM	14(CAST IRON)			
Longitudnal Travel (manual/auto)				700/680	900/800
Transverse Travel (manual/auto)				255/240	315/300
Vertical Travel (manual/auto)				370/350	385/365
Cutting Feed Speed		x: 23.5-1180,y:15-786,z:8-394	x:,y:23.5-1180,z:8-394	x: 23.5-1180,y:15-786,z:8-394	x:,y:23.5-1180,z:8-394
Rapid Feed Speed		x:2300,y:1533,z:1770	x:2300,y:2300,z:770	x:2300,y:1533,z:1770	x:2300,y:2300,z:770
Max. Verticle Milling Dia	RPM	25			
"Distance From Spindle Axis To Table Surface"			0-400		
Distance Between Spindle Axis And Boom			175		
"Distance Between Spindle Nose And Table Surface"	MM	100-400		60/430	130-515
Spindle Speed Range	RPM	"90-2000/40-1300"	58-1800	30-1800	30-1500
Max. Swivel Angle Of Spindle		±45	±45	±45	±45
Spindle Travel	MM	120		70	85
Overall Dimension	MM	1520X1285X2150	2070*2050*1950	2294x1770x1960	2560X2130X2298
Spindle Motor Power	KW	2.2	4	7.5	11
Machine Weight	KG	1350	2300	2800	4250

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BED TYPE MILLING MACHINE



MODEL		UNIT	400	600L	600SC
TABLE SIZE		MM	1370X405	1570X405	1370X405
TRAVEL	LONGITUDE(X)	MM	Δ 1000	Δ 1500	Δ 1000
	CROSS(Y)	MM	□ 350	□ 350	□ 350
	VERTICAL(Z)	MM	□ 640	□ 580	□ 520
TRAVEL OF SPINDLE QUILL		MM	150	150	140
MAX. DISTANCE FROM THE SPINDLE NOSE TO TABLE					
		MM	760	760	640
SPINDLE	ROTATION SPEED	RPM	58-3200/(50HZ)		58-3000/50HZ
	TAPER		NT40	NT40	NT 40
	RATED POWER	HP	5HP	5HP	7.5HP
TILT ANGLE	FORWARD & BACKWARD		0°	0°	0°
	LEFT AND RIGHT		±90°	±90°	±90°
DIMENSION		MM	2000X2230X2150	2000X3050X2150	2000X2230X2150
NET WEIGHT		KG	2800	2900	2900

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SUPER LATHE MACHINE



DESCRIPTION	UNIT	TURN SUPER	TURN SUPER	TURN SUPER	TURN SUPER	TURN 1200
Main Specification		410	510	660	800	1200
Max. Swing Over bed	mm	410	510	660	800	1200
Max. Swing Over carriage	mm	220	290	400	520	800
Swing In Gap	mm	640	760	870	1000	1400
Width Of Bed	mm	300	394	390	350	550
Max. Turning Length	mm			560		
Max. Working Length	mm	1000/1500/2000	1000/1500/2000	1500/2000	1000/1500/2000/3000	1500/2000/3000/5000
Spindle Bore Diameter	mm	52/58	82	100	105	105
Taper of Spindle Nose	R-min	D1-6	D1-8	A1-11	D-11	D-11
Range of Spindle Speed	R-min	25-2000 (12SPEEDS)	26-2000(16SPEEDS)	12.5-1120(14SPEEDS)	7.5-1000(18SPEEDS)	14-750 (18SPEED)
Metric Threads	mm	0.1-14MM (41KINDS)	0.35-80MM(67KINDS)	0.5-2831(31KINDS)	1-240(50KINDS)	1-240 (54KINDS)
Width Worth Threads	T.P.I	2-72. (45KINDS)	2-112TPI(44KINDS)	56-1/8TPI(38KINDS)		30-1TPI (27KINDS)
Range of Longitudinal Feeds	in/Rev	0.031-1.7MM (42KINDS)	0.059-1.646MM		0.1-24.3	4/2m/MIN
Range of Cross Cross Feeds	in/Rev	0.025-0.85 (35KINDS)	0.020-0.573		0.1-24.3	4/2m/MIN
Pitch Threads Of Lead screw	T/In	4TPI	6MM	56-4 (27KINDS)		T48mm/12mm
Tailstock						
Diameter Of Quill	mm	ø60	ø75	ø100	ø100	ø100
Max. Travel Of Quill	mm	120	150	240	250	250
Taper of Quill (Morse)		MT-4	MT-5	MT-5	MT-6	MT-7
main Motor Power	Kw	2.8/3.3/5.5	7.5	11	11	11
Gross Weight	Kg	1845/2050/2230	220/2700/30	4200/4960	4950/5400/5800/6400	5120/5500/6000/7000

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BELT TYPE LATHE MACHINE



MODEL	4.5" LATHE	6" LATHE	7" LATHE	9" FT	12 FT
BED WIDTH	9"	13"	12'	13"	15"
BED HARDNESS	INDUCTION HARD	INDUCTION HARD	INDUCTION HARD	INDUCTION HARD	INDUCTION HARD
CENTER HEIGHT	7"	12"	380MM	12" INCH	15" INCH
SPINDLE HOLE	38MM	50MM	80MM	82MM	104MM
GEAR BOX TYPE	NOROTN GEAR BOX	NOROTN GEAR BOX	NOROTN GEAR BOX	NOROTN GEAR BOX	NOROTN GEAR BOX
MOTOR HP	3HP/1440RPM	3HP/1440RPM	3HP/1440RPM	3HP/1440RPM	3HP/1440RPM
CHUCK TYPE	3 JAW; 4 JAW	3 JAW; 4 JAW	3 JAW; 4 JAW	Dog Chuck 12 Inch (4 jaw)	Dog Chuck 12 Inch (4 jaw)

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RADIAL DRILLING MACHINE



MODEL	UNIT	Z3040X13	Z3050X16/1	Z8060X19/1	Z3080X25/I
MAX.DRILLING DIAMETER	MM	40	50	60	80
DISTANCE FROM SPINDLE CENTER TO COLUMN SURFACE		330-1190	350-1600	355-1715	500-2500
DISTANCE FROM SPINDLE NOSE TO TABLE SURFACE		370-1220	320-1220	350-1425	550-2000
ROCKER ROTARY ANGEL		±90	±90	±90	±90
SPINDLE COLUMN DIAMETER	MM	230	350	350	350
SPINDLE TAPER		MT4	MT-5	MT5	MT5
SPINDLE TRAVEL	MM	240	315	325	450
RANGE OF SPINDLE SPEEDS	RPM	22-1200	25-2000	40-1700	16-1250
SPINDLE SPEED STEPS	STEPS	12	16	12	16
SPINDLE FEED RANGE	RPM	0.10-0.25	0.04-3.2	0.12-1.25	0.04-3.2
SPINDLE FEEDING STEP	STEPS	3	16	6	16
DISTANCE SPINDLE NOSE TO BASE SURFACE	MM	170-1100	320-1220	320-2000	320-2500
MAIN MOTOR POWER	KW	3	4	3.64.5KW	7.5
N/G WEIGHT	KG	1600	3500	4000	11000
OVERALL DIMENSIONS	MM	1820X840X2420	2500x1060x2	2420X925X210	3730X1400X4025



PILLAR DRILLING MACHINE

TYPE MODEL	TEK
Drilling Capacity In Steel	25
Tapping Capacity In Steel	M16
Morse Taper In Spindle	MT3
Spindle Travese	160
Pillar Diameter	90
"distance Between Centre of Spindle and Column Front"	206
	560
"Max. Distance Between Spindle and Table"	950
"Max. Distance Between Spindle and Base"	
Table: Working Surface	318x318
Base: Working Surface	8
No. of Spindle Speeds (RPM)	100-2650
Range of Spindle Speeds (RPM)	
Feed	Hand
Power Of The Spindle Drive Motor	1HP
Space Occupied (L x B x H)	500 X 304 X 1600



DRILLING CUM MILLING MACHINE ZX7045B

Technical Parameter:	TEK DRILLING CUM MILLING ZX7045B
Max. Drilling Capacity	IRON (45)
Max. Face Mill Capacity	80
Diameter Of Vertical Milling	28
Spindle Trave	110
Distance Spindle Axis to Culumn Generating Line	260
Max. Distance Spindle Nose To Table	475
Spindle Taper	MT-4 OR R8
Spindle Speeds Range	50-1250
Spindle Speeds Series	6
Spindle Feeds	0.12,0.18,0.25
Dimension Of Worktable Surface	730X210
Table Travel	450X170
Dimension Of Base	605X558
Overall Height	1100
Main Motor	1HP/1100
Coolant Pump	40
Gw/n.w	405/360



**P&G SALES AND
TOOLING PVT. LTD.**

HYDRAULIC SURFACE GRINDING MACHINE

SPECIFICATION		UNIT	PG 2550 AHR/AHD	3060 AHR/AHD	PG 4080 AHR/AHD	PG 50100 AHR/AHD	PG 6012 AHR/AHD
Capacity	Over All Table Working Area	mm	500*250	600*300	800*400	1000*500	1200*600
	Longitudinal Table Travel	mm	610	660	920	1150	1300
	Cross Feed Table Travel	mm	295	340	450	540	640
	"Distance Spindle Centre to Table"	mm	470	540	600	620	700
	"Table Load Including Magnetic Chuck"	kgs	250	420	600	750	1500
Table & Cross	T-Slot	mm*N	14*1	14*1	14*3	14*3	16*3
	Longitudinal Table Speed	m/min	5~23	5~23	5~25	5~25	5~25
	Cross Feed on Hand Wheel	1 gra. mm	0.02	0.02	0.02	0.02	0.01/0.1/1
		1 rev. mm	4	4	4	4	5
	Auto Cross Feed Per Stroke	mm	0.1~8	0.1~8	0.1~10	0.1~10	0.5-12
	Power Cross Feed	50Hz mm/min	700	700	700	700	1250
Grinding Wheel	Wheel Dimension	mm	200*20*31.75	355*38*127	350*40*127	355*38*127	400*2050*127
	Spindle Speed	50Hz r.p.m	2850	1450	1450	1450	1450
Vertical movement	Vertical on Handwheel	1 gra. mm	0.01	0.01	0.02	0.002	0.002
	Auto Down Feed Elevation	mm	0.02(AHD)	0.001~0.04(AHD)	0.002~0.04(AHD)	0.001~0.04(AHD)	
	Spindle Motor	KW*P	1.5*2	3.7*4	5.6*4	7.5*4	7.5*4
Motor	Hydraulic Motor	KW*P	0.75*4	1.5*4	2.2*4	2.2*4	5*6 HP
	Dust Collection Motor	W*P	-	-	-	-	-
	Coolant Motor	W*P	90*4	90*4	90*2	90*2	1/4*2 HP
	Cross Feed Motor	W*P	150*4	150*4	90*4	375*4	1/4*6/1.5KWS
Dimension & Weight	Machine Height	mm	1900	1900	1880	2010	4500
	Floor Space	mm	1450*1800	2200*3050	2350*3600	2400*4000	4500*2400*2300
	Net Weight	kgs	1300	1750	3500	3550	6100

NOTE: MODELS BIGGER THAN MENDTIONED ARE AVAILABLE ON REQUEST

P&G SALES AND TOOLING PVT. LTD.

MANUAL SURFACE GRINDING MACHINE



SPECIFICATION		MODELS	
	9 X 18	10X20	12X24
WORKING SURFACE OF THE TABLE	200 X 450MM	250 X 500MM	300 X 600MM
MAX. HEIGHT FROM THE TABLE TO GRINDING	225MM	250MM	300MM
VERTICAL FEED GRADUATION	0.01MM	0.01MM	0.01MM
VERTICAL FEED GRADUATION WITH MICROFEED	0.002MM	0.002MM	0.002MM
CROSS FEED GRADUATION	0.05MM	0.05MM	0.05MM
SPINDLE SPEED	2800RPM	2800RPM	2800RPM
GRINDING WHEEL SIZE	200 X 13 X 31.75MM	200 X 13 X 31.75MM	200 X 13 X 31.75MM
MAGNETIC CHUCK SIZE	200 X 300MM	200 X 450MM	
DIAMOND DRESSOR	0.5CR	0.5CR	0.5CR
	0.75KW/1HP	0.75KW/1HP	1.5HP
ELECTRIC MOTOR KW/HP	3 PHASE	3 PHASE	3 PHASE



CHEVALIER®

FULLY AUTOMATIC SURFACE GRINDING MACHINE

ITEM	Description	FSG-1224ADIV	FSG-1632ADIV	FSG-1640ADIV
Capacity	Max. grinding length-longitudinal		810 mm (31.9")	1,015 mm (40.0")
	Max. grinding width-crosswise	305 mm (12.0")	405 mm (15.9")	
	Distance between table to spindle centerline	610 mm (24.0")		
	Height from table to ground	970 mm (38.2")	980 mm (38.6")	
	Max. table load	230 kg (507lbs.)	350 kg (772 lbs.)	440 kg (970 lbs.)
Table	Table size	300 x 600 mm (11.8" x 23.6")	400 x 800 mm (15.7" x 31.5")	400 x 1,000 mm (15.7" x 39.4")
	T-slots (width x pitch x no.)	14 mm x 150 mm x 1 (0.6" x 5.9" x 1)	14 mm x 100 mm x 3 (0.6" x 3.9" x 3)	
	Table speed (variable)	5-25 m/min (16-82 fpm)		
	Max. table travel	Hydraulic 650 mm (25.6")	Hydraulic 850 mm (33.5)	Hydraulic 1,050 mm (41.3")
Transverse movement (Z)	Max. travel	350 mm (13.8")	450 mm (17.7")	
	Feed speed	0-2,250 mm/min (0-7.38-fpm)		
	Automatic transverse movement (step)	0.001-32 mm (0.00001"-1.3")		
	Min. input	0.001 mm 10.00001")		
Wheelhead provement (Y)	Max. travel	480 mm (18.9")		
	Feed speed	0-675 mm/min (0~2.2 fpm)		
	Automatic elevating movement (step)	0.001-0.04 mm (0.00001"~0.0016")		
	Min. input	0.001 mm (0.00001")		
Spindle	Spindle speed	500-1,800 rpm		
	Spindle motor	3.75 kW (5 HP) Opt. 5.5 kW (7.5HP)		
Motors	Axis motors (Y/Z)	Y/Z: AC servo 1.1 kW		
	Hydraulic motor	0.74 kW (1 HP)/ 6P	1.5 kW (2 HP)/ 6P	
Wheel dimension	OD x Width x Bore	Ø355 x 50 x Ø127mm (Ø14" x 2" x Ø5")		
Machine Dimensions	Floor space (W x D x H)	2,950 x 1,920 x 2,100 mm (116.0" x 75.6" x 82.7")	3,540 x 2,160 x 2,100 mm (139.4" x 85.0" x 82.7")	4,280 x 2,160 x 2,100 mm (168.5" x 85.0" x 82.7")
	Net weight	2,200 kg (4,850 lbs.)	2,900 kg (6,390 lbs.)	3,500 kg (7,710 lbs.)
Bore	mm	127 (5)	127 (5)	127 (5)
HYDRAULIC SYSTEM		1 HP/6P	2 HP/6P	3 HP
CROSSFEED DRIVE		1/6"HP/4P	1/6"HP/4P	
ELEVATING DRIVE		AC Servo 1Kw	AC Servo 1Kw	
Net Weight Gross Weight	kgs(lbs)	2200 (4849)	"2900 (6394)	"6200 (13640)
		2700 (5951)	3550 (7862)"	6950 (15290)"
POWER Approx.	Kw(HP)	7.5 (5.6)	8.5 (6.3)	13.5
PACKING DIMENSIONS (LxWxH)	mm	2720 x 1760 x 2235	2840 x 2020 x 2235	3640 x 2280 x 2540

P&G SALES AND TOOLING PVT. LTD.

BANDSAW MACHINE



TECHNICAL DATA	250MM	300MM	550MM	1200MM
CUTTING CAPACITY	ROUND 250MM Sq 250mm	ROUND 300MM Sq 300mm	ROUND 550MM Sq 550mm	ROUND 1200MM Sq 1200mm
MAIN DRIVE	3HP	5HP	7.5HP	20HP
HYDRAULIC MOTOR	1	2	2	3
COOLANT MOTOR	0.13	0.13	0.13	0.13
CUTTING SPEED	10-100	10-100	10-100	10-100
BLADE SIZE	3760X27X.9	4100X34X1.1	5250X41X1.3	12300X67X1.6
FLOOR SPACE	1800X1500X1500	2600X2500X2500	3500X1500X2200	6800X2500X3000
WEIGHT	750	2000	1800	9000
CUTTING ACCURACY	±0.2	±0.2	±0.25	±0.35

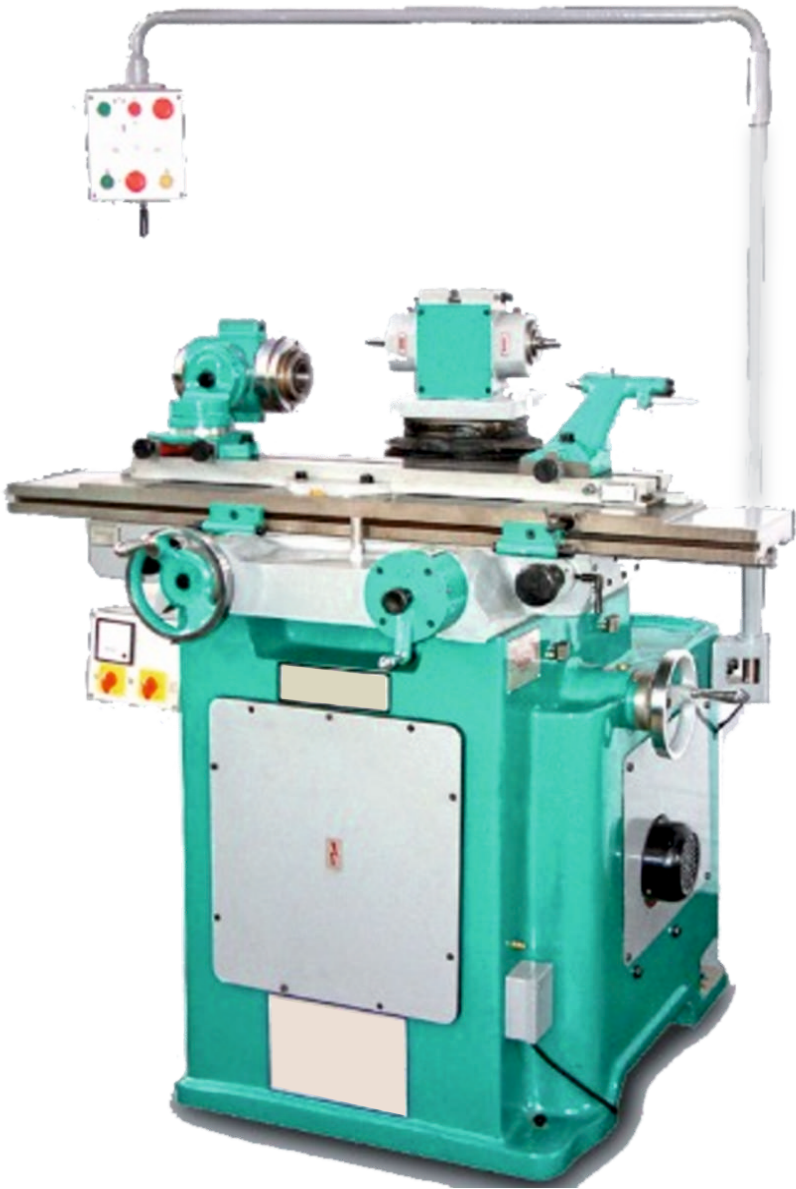
HACKSAW MACHINE



MODEL	HP200	HP300
Max. Diameter	200	300
Max. Square	175	250
Stroke Length	140	140
No. Of Speed Stroke	3	3
Range Of Speed Strokes	80-100-125	80-100-125
Blade Size	400x32x1.6	525x45x2.25
Power Of main Motor	0.75kw,415v, 3ph, 50hz	1.5kw, 415v, 3ph,50hz
Power Of Coolant Motor	0.09kw	0.09kw
Space Occupied (Lxbxh)	1175x820x1150	1600x800x1350
Net Weight	500kg	600kg

P&G SALES AND
TOOLING PVT. LTD.

TOOL AND
CUTTER MACHINE



SPECIFICATION	250TM	250T	280T
MAX SWING ON CENTER	250	250	280
ADMIT BENT. CENTER	440	670	760
LONGITUDINAL TRAVERSE	400	480	510
CROSS TRAVERSE	200	250	250
SWIVEL EITHER SIDE OF CENTER	-	9	9
SIZE OF TABLE	750 x 115mm	920 x 140mm	1010 x 140mm
VERTICAL TRAVERSE	210	210	290
SWIVEL EITHER SIDE OF CENTER	360 Deg.	360 Deg.	360 Deg
FILTING IN EITHER DIRECTION	180 Deg	180 Deg.	180 Deg.
SPINDEL SPEED	3800/5600	3800/5600	3800/5
MOTOR POWER	1HP	1 HP	

P&G SALES AND TOOLING PVT. LTD.

CYLINDRICAL GRINDING MACHINE



GENERAL

Centre Height	mm	130/150	180	200	250
centre Distance	mm	300	500/600	800/1000	1250/1500/2000
Maximum Grinding Length	mm	300/500/600/800/1000/1250/1500/2000			

TABLE

Max. Swivel of Table	deg	± 6
Speed Inf. Variable	m/min.	0.1-0.5
Guideways Coating	Turcite -B slide way coated on both moveableslides to prevent stick slip motion.	

GRINDING WHEEL

Diameter	mm	350	400	500
Width	mm	40	40	50
Bore	mm	127	127	203
Wheel Speed	rpm	1900-2100	1700-1900	1400-1600

WORK HEAD

Bearings	Heavy duty work head having high precision clearance adjustable bronze metal taper brush bearing for higher load carrying capacity & accuracy as per IS specification.	
No. of Speeds	Infinitely Variable	
Speed Range	rpm	25-600 Infinitely Variable Speed, 3 Phase VFD (Make: schneider)
Swivel	deg	±90
Spindle Nose Taper	MT	(3/4/5)

TAIL STOCK

Centre	MT	(3/4/5)
Quill Travel	mm	(25/50/80)

MOTORS POWER

Wheel Head	hp	3/5/7.5/10
WORK Head	hp	(1/2/3)
Hydraulic Power Pack	hp	(1/2/3)
Coolant Pump	hp	0.15

INTERNAL GRINDING ATTACHMENT

Spindle	mm	60x250mm
Spindle Speed	rpm	18000
Internal grinding attachment fitted with P4 grade matched pair antifriction bearings of two pairs, dynamic balanced pulley, and imported endless flat belt without any joint having all safety guards.		

P&G SALES AND
TOOLING PVT. LTD

TAPPING
MACHINE



Equipment Model	M10	M16	M24	M36	M42
Equipment Type	Servo electric tapping machine	Servo electric tapping machine	Servo electric tapping machine	Servo electric tapping machine	Servo electric tapping machine
Input Voltage	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz
Rated Power	600W	600W	1200W	1200W	1200W
Tapping Range	M3 M10	M3-M16	M6-M24	M6-M36	M16-M42
Chuck Specification	GT12	GT12	GT24	GT24	GT48-GT24
Standard Chuck	M3-M10 (National standard)	M3-M16 (National standard)	M6-M24	M6-M36 (National standard)	M16-M42 (National standard)
Number Of Chucks	5	8	8	11	8
Operation Mode	Vertical & horizontal dual purpose	Vertical & horizontal dual purpose	Vertical & horizontal dual purpose	Vertical & horizontal dual purpose	Vertical & horizontal dual purpose
Working Radius	1000mm	1000mm	1200mm	1200mm	1300mm
Minimum Radius	350mm	350mm	400mm	400mm	400mm
Maximum Speed	1000rpm	300rpm	200rpm	150rpm	50rpm
Non Standard Customization	Customizable	Customizable	Customizable	Customizable	Customizable
Equipment Weight	28KG	28KG	48KG	50KG	105KG

P&G SALES AND TOOLING PVT. LTD.

PDK WIRE CUTTING EDM MACHINE

Highlights:-

- The Most Popular Model CNC Wirecut EDM Machine
- Auto Cut System Base On Window
- Max Reach ±45 Degree Cutting
- High Pressure Water Tank
- Multi Cutting Function to get Better Finishing
- Super Big Size Machine Special To Make



Models	Unit	PDK 7735	PDK 7745
Work Table Size	mm	780 x 540	880 x 580
XY table traverse	mm	450 x 350	450 x 550
Maximum work piece height	mm	500	500
Maximum work piece weight	kg	500	500
Max travel size of wire drum	mm	240mm	
Max taper cutting angle	mm	±6° /80MM	
Wire Diameter (Molywire)	mm	0.18mm	0.18mm
Maximum Cutting speed	mm2/ min	250	250
Best Surface Roughness	Ra	<- 1.5~2	<- 1.5~2
Number of linkage control axes		X,Y,U, V four axis	
Power Supply		3-phase 380V ± 10%; 50± 1HZ	
Machine Weight	kg	1700	1900
Machine Dimensions	mm	1900x1400x1900	2000x1600x1900

SUPER PDK
WIRE CUTTING
EDM MACHINE

Main Technical Data	PDK7735	PDK7745
Worktable Travel Size		
Worktable Size	760x460	860x540
Worktable XY Travel Size	350x450	450x550
Max Dimension of the Workpiece	720x420	820x500
Max Linear Cutting Thickness	400mm	400mm
Max Carrying Weight	300kg	500kg
XY min Command Unit	0.001 mm	0.001mm
Taper and Z Axis Travel Size		
Vertical Travel Size of Z Axis	400MM	450MM
Taper UV Axis Travel Size	±30* ±30MM	
Max Cutting Taper	±6° /80MM	
UV Min Command Unit	0.001mm	0.001 mm
Transmission Control		
Control Method	XYU STEPPER, UV AXIS THREE-PHASE SIX-SHOT9 Subdivision motor is optional	
Z Axis Transmission	AC deceleration AC 220V / Stepping (Optional)	
Number of Linkage Control Axes	X,Y,U, Vfour axis	
Wire Drum		
Max Travel Size of Wire Drum	240mm	
Molybdenum Wire Diameter Range	Ø0.15~ Ø0.20mm (Standard Configuration Ø0.18mm)	
Wire Feed Speed	1-11.4m/Adjustable Frequency	
Max Length for Storing Molybdenum Wire	250mm	
Processing Index		
Cutting Accuracy	≤0.01mm	
Max Cutting Efficiency	≤160mm/2min	
Optimum Surface Roughness	Ra≤1.0 ~1.2μ m (cut once and then cut again)	
Working Fluid Tank		
Working Fluid Tank Volume	90L	
Working Fluid Filtration Method	Paper Filter	
Others		
Power Supply	3-phase 380V ± 10%; 50± 1HZ	
Control System	MNC-C02A (DOSwork platform)/ C04A (XP Work platform, programming integration)	
Total Power Consumption	5kV	5kV
Max Processing Current	6A	6A
Machine Weight	1600 kg	2000 kg
Machine Tool Dimensions (L*B*H)	1800*1110*2085	1850*1270*2020
Package Size (L*B*H)	2000*1500*2400	2100*1500*2400
Machine Tool Noise	≤70dB	



P&G SALES AND TOOLING PVT. LTD.

ZNC EDM

Highlights:-

- Lower Electrode Wear on Copper & Graphite.
- Fast & Better Finish
- Fast Jumping Speed Up To 3 M.
(better Than India Machine).
- Graphite Result Is Very Good Than Any Taiwanese
- Machine & Indian Machines.
- No Arcing Compares To Indian Machines.
- Polishing Will Reduce On Mould.



MODEL	UNIT	ZNC-350	ZNC-430	ZNC-435	ZNC-540
WORKTABLE SIZE (L*W)	MM	550*280	650*320	700*400	800*450
X AXIS	MM	350	400	450	500
AXIS TRAVEL Y AXIS	MM	250	300	350	400
Z AXIS	MM	180	200	200	200
WORK HEAD TRAVEL (W-AXIS)	MM	220	200	200	250
INTERNAL SIZE OF PROCESSING LIQUID TANK	MM	880*520*330	1100*600*400	1150*720*450	1300*720*480
MAX. ELECTRODE WEIGHT	KG	100	130	180	200
TABLE WEIGHT	KG	800	1100	1200	1500
DISTANCE WORK SURFACE TO ELECTRODE PLATE	MM	380	400	400	450
TOTAL INPUT POWER	KVA	4.5	6.5	6.5	6.5
INPUT SUPPLY	V	220V/380	220V/38	220V/380	220V/380
MAX. CURRENT	A	30	50	50	50
CONTROL AXIS NUMBER					
MACHINE TOOL WEIGHT	KG	1050	1500	1700	2000
EXTERNAL DIMENSION (W*D*H)	MM	1300*1250*2000	1430*1180*1800	1470*1150*1980	1640*1450*2140
OIL TANK CAPACITY	LITER	250	400	400	460

P&G SALES AND TOOLING PVT. LTD.

WIRE EDM SC SERIES



Highlights:-

- Servo motor drive, Pitch compensation function
- High Cutting Accuracy, reach to $\pm 0.005\text{mm}$
- High Cutting Speed, reach 200 square mm^2 per mint
- High Cutting Finishing, surface roughness reach $0.8\mu\text{m}$

Model	SC450	SC550
Worktable size	800×550	880×570
Worktable travel	450×350	550 * 450
Max cutting height	300	300
Optional	500	500
Max cutting taper	$\pm 6^\circ / 80\text{mm}$	$\pm 6^\circ / 80\text{mm}$
Optional	$\pm 15^\circ / 80\text{mm}$	$\pm 15^\circ / 80\text{mm}$
Max Loading	300	400
Max cutting speed	250	250
Cutting accuracy	± 0.005	± 0.005
Best cutting roughness	$0.9\mu\text{m}$	$0.9\mu\text{m}$
Water tank volume	120L	120L
Machine power	2.5KW	2.5KW
Machine weight	2000	2300
Machine size	1800×1800×1900	1900 × 1900 × 1900

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EDM
DRILLING
MACHINE



Main Technical Data	Unit	DB703	CNC3545	CNC4565
Work table size	mm	320 x 440	400 x 600	540 x 1000
Wire tube dia	mm	0.3-3	0.2-3	0.2-3
Spindle travel size	mm	350	350	350
Spindle (servo) travel size	mm	350	350	360
Rotating head (C axis) Rev	RPM	60	220	220
X/Y travel size	mm	300x400	350x450	450x650
The Maximum Space Between the Guider & Worktable	mm	350	300	300
Max Processing Current	A	30	30	30
Max Input Power	KW	3	2.5	2.5
Working Fluid Tank Capacity	L	25	25	25
Max Working Fluid Pressure	MPa	7	10	10
Machine Weight	Kg	650	650	900
Machine Overall Size	mm	850x1100x1900	1300x1400x2000	1470x860x420
Working Fluid Filtration Method		Shallow gap	Shallow gap	Shallow gap



ROBOCUT α-CIC SERIES



Model		α - C400iC		α - C600iC
Maximum Workpiece Dimensions	Without Automatic Door	Z Axis Travel Standard	730 x 630 x 250 mm	1050 x 820 x 300 mm
		Z Axis Travel Option	---	1050 x 820 x 400 mm
	With Automatic Door	Z Axis Travel Standard	730 x 585 x 250 mm	1050 x 775 x 300 mm
		Z Axis Travel Option	---	1050 x 775 x 400 mm
Maximum Workpiece Weight			500 kg	1000 kg
XY Axis Table Travel			400 x 300 mm	600 x 400 mm
Z Axis Travel		standard	255 mm	310 mm
		option	---	410 mm
UV Axis Travel			± 60 mm x ± 60 mm	± 100 mm x ± 100 mm
Maximum taper angle		standard	± 30° / 80 mm	± 30° / 150 mm
		option	± 45° / 40 mm	± 45° / 70 mm
Wire diameter		standard	ø 0.10 to ø 0.30 mm	
		option	ø 0.05 to ø 0.30 mm	---
Maximum wire weight			16 kg	
Machine weight (Including the dried work tank)			About 2200 kg	About 3600 kg
Controller			FANUC Series 31i-WB	



TIG WELDING

Electrical Input: 220 V, 50 Hz, 10Amp

Power Consumption: 10~1000 W

Maximum instant output: 40kW

Mode: TIG power mode 1~ 4

- Pulse power: 1 ~ 99

- Pulse time: 1 ~ 99

Set Filler mode

- Pulse power: 1 ~ 99

- Filler wire Ø 0.5~ 1.2mm

Pulse frequency: Mode1 - 5Hz, Mode2 - 3Hz

Mode3 - 2Hz, Mode4 - 1Hz

Machine dimensions: 380 x 150 x 220 mm.

Weight: 9 kg

PEDESTAL GRINDING MACHINE

Double Ended, Heavy Duty pedestal grinder Machine suitable for operation on 415 volts, AC, 3 Phases 50 Cycles, Wheel Size 8" x1" with 0.75 H.P.

Three phase motor, switch, R.P.M. 2800.



MAGNETIC DRILLING MACHINE

WITH STAND DRILLING CAPACITY 23 MM

NO. OF LOAD SPEED 500RPM POWER INPUT

1100W NET WEIGHT 8.8KG , Need Chuck

along with machine.



P&G SALES AND TOOLING PVT. LTD.



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