

**Delhi**  
09811014184

**Ahmedabad**  
09714404230

**Bangalore**  
09900068205

**Hyderabad**  
07382297213

**Pune**  
09371776891

**Kolkata**  
09831256012

Conventional Lathes (Other sizes available)											
Model	Turner 280	Turner 360	CA6136A	CA6140	CA6250B	CA6261B	CW6163	CW61110	CW61100B	CW61125	CW61160
Max. swing over bed (mm)	280	356	360	400	500	610	630	1100	1000	1250	1600
Max. swing over carriage (mm)	158	220	210	210	300	370	350	800	610	865	1200
Max. swing over gap (mm)	----	506	----	----	720/210	830/210	----	----	----	----	----
Distance between centers (mm)	700	1000	750/1000		(1000, 1500, 2000, 3000, 4000, 5000, 6000)						
Spindle bore(mm)	26	38	52,A1-6	52	80, D-8	80, D-8	104; D11	104/D-11	130/A-15	130/A-15	130/A-15
Motor power (kw)	0.75	1.5/2.4	4	7.5	7.5	7.5	11	11/15(opt.)	22	22	22



CNC Lathes (Other sizes available)											
Model	CAK1626	CAK3626	CAK5085	CAK6185	CAK6360	CAK80135	WD6130	CJ0632	CK0632	CJK0632	360
Swing dia over bed (mm)	160	360	500	610	630	800	250	320	360	320	360
Max turning dia(mm) Vertical	160	360	500	610	630	800	250	320	360	320	360
Swing dia Vertical over carriage(mm)	80	180	300	370	350	480	150	150	150	150	150
Swing dia over carriage (mm) Hor. turret	80	180	280	350	350	480	----	----	----	----	----
Max turning dia (mm) Horizontal	160	300	400	500	500	600	----	----	----	----	----
Max work piece length	260 6 position 580	4 Position 650 6 position 580	680, 890 1390, 1900	680, 890 1390, 1900	750,1500 3000	1500,3000, 5000	355	200	250	200	200/240
Spindle bore & Nose (mm)	A2-4, 43	A2-6, 53	A8, 70	A8, 70	D11, 104	D11, 104	48, A2-5	38	38	38	38
Motor (kw)	4	5.5	7.5	7.5	11	15	3	3	3	3	3
CNC System	Fanuc Oi-mate	Fanuc Oi-mate	Fanuc Oi-mate	Fanuc Oi-mate	Fanuc Oi-mate	GSK928TEI	GSK928TE2	GSK928TEI	GSK928TEI	GSK928TEI	GSK928TEI
Type	Flat	Flat	Flat	Flat	Flat	Flat	Flat	Flat	Slant	Flat	Slant



Milling Machines							
Model		9"X42"	10"X50"	10"X54"	XW-6032A	ZX-6350Z	X6132B
Table Size (mm)		230x1067	254x1270	254x1370	1320x320	1120x260	1200x280
Longitudinal Travel (mm)		736	760	836	800	600	650
Cross Travel (mm)		305	400	400	300	300	300
Vertical Travel(mm)		406	406	406	400	330	400
Distance from spindle axis to table surface		57-463	40-446	40-446	0-400	100-430	0-280
Distance from table center to column guideway (mm)		213-533	200-680	200-680	----	----	----
Spindle speeds range (rpm)		16 Steps 50-4200	16 Steps 50-3500	16 Steps 50-3500	12 Steps 58-1800	90-2000	12 Steps 40-1300
Spindle Taper		R8	R8	R8/ISO40	ISO50	ISO40	ISO40



Drilling cum Milling Machines					
Model	DM20	DM-30	DM40	DM-45	X-6336Z
Max. drilling capacity (mm)	20	30/1/25-S.S	40/32-S.S	45	50
Max. milling capacity(face milling) (mm)	63	76	76	76	----
Max. milling capacity(End milling) (mm)	16	20	32	32	----
Table Size (mm)	----	800 x 240	730x210	800x240	1370x360
Spindle taper	MT3 or R8	MT3 or R8	MT3 or MT4, R8	MT3 or MT4, R8	----
Spindle speed (rpm)	210-2000	100-2000	90-1900	90-1900	90-2000 (V)/38-1310 (H)
Power and speed motor (kw/rpm)	0.75/910	1.5/1450	1.1/1450	1.5/1450	2.2 (V/H)



Radial Drilling Machine								
Model	Z3032x9 (without auto feed)	Z3040x8/1	Z3050x16/1	Z3050x20	Z3063x20/1	Z3080x25	Z30100x31	Z5050
Max. drilling Diameter (mm)	32	40	50	50	63	80	100	50
Dist. B/w Spindle Axis & Column (min-max) (mm)	260-780	320-820	350-1600	450-2050	450-2000	500-2500	570-3150	360
Dist. B/w Spindle Nose & Working Surface of Base (min-max)	220-980	320-900	320-1220	350-1450	400-1600	550-2000	750-2500	460
Diameter of Outer Column (mm)	180	200	350	350	450	550	700	180
Range of Spindle Speeds (rpm)	108-1000 (6 Steps)	75-1220 (6 Steps)	25-2000 (6 Steps)	25-2000 (6 Steps)	20-1600 (6 Steps)	16-1250 (6 Steps)	8-1000 (6 Steps)	42-2050 (6 Steps)
Table Size	----	350x400	500x630	500x630	630x800	800x1000	800x1250	550x470
Power of Main Motor (kw)	1.5	1.5	4	4	5.5	7.5	15	2.2/2.8



ZNC EDM/CNC Wirecut										
Model	D7120	D7125	D7145	ZNC EDM250	ZNC EDM300	ZNC EDM350	ZNC EDM400	ZNC EDM450	ZNC EDM500	ZNC EDM700
working table (mm)	200x160	450x280	700x450	280X450	300X450	350X630	400X700	450X700	500X800	700X1200
working tank (mm)	650x400x230	800x500x280	1200x700x450	800X490X280	890X530X320	980X650X350	1050X720X400	1210X770X450	1450X920X500	2000X100X550
X axis travel (mm)	400	250	450	250	300	350	400	450	500	700
Y axis travel (mm)	250	200	350	200	200	250	300	350	400	600
Z axis travel (mm)	200	200	250	200	200	300/200	200	200	200	300
Chief axis connectboard to working table (mm)	420	540	730	540	580	600/700	700	650	750	1100
Max.machining current (Amps.)	20	40	80	40	40	60	60	80	80	150
Net weight of machine (kg)	700	1050	1800	1000	1200	1300	1800	1800	2000	3800



**Delhi**  
09811014184

**Ahmedabad**  
09714404230

**Bangalore**  
09900068205

**Hyderabad**  
07382297213

**Pune**  
09371776891

**Kolkata**  
09831256012

**Hydraulic Shearing Machine (CNC and Conventional, other sizes available)**

Model (QC12Y)	4X2500	4X3200	6X2500	6X3200	8X2500	8X3200	10X3200	10x4000	12X3200	12X4000	16X3200	16X4000
Cutting Thickness (mm)	4	4	6	6	8	8	10	10	12	12	16	16
Cutting Length (mm)	2500	3200	2500	3200	2500	3200	3200	4000	3200	4000	3200	4000
Cutting Angle (Degree)	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2	2	2.5	2.5
Material Strength (kn/cm <sup>2</sup> )max.	450	450	450	450	450	450	450	450	450	450	450	450
Back Gauge Range(mm)	20-500	20-500	20-500	20-500	20-500	20-500	20-500	20-600	20-600	20-600	20-600	20-800
Travel Times	16	13	15	12	11	8	10	10	10	10	10	10
Power (kw)	5.5	5.5	7.5	7.5	11	11	15	15	18.5	18.5	18.5	18.5
Dimension (LxWxH)(mm)	3040x1550	3840x1550	3040x1710	3840x1710	3040x1700	3860x1700	3860x2000	4650x2100	3880x2150	4680x2150	3880x2150	4650x2150
	x1550	x1550	x1620	x1620	x1700	x1700	x1700	x2000	x2000	x2100	x2000	x2200



**Hydraulic Press Brake (CNC and Conventional, other sizes available)**

Model (WC67Y)	30T/1600	63T/2500	63T/3200	80T/2500	80T/3200	100T/2500	100T/3200	125T/3200	125T/4000	160T/3200	200T/3200	200T/4000
Nominal Force (KN)	300	630	630	800	800	1000	1000	1250	1250	1600	2000	2000
Worktable Length (mm)	1600	2500	3200	2500	3200	2500	3200	3200	4000	3200	3200	4000
Poles Distance (mm)	1280	1900	2560	1990	2560	2020	2600	2580	3000	2600	2600	3000
Throat Depth (mm)	200	250	250	300	320	320	320	320	320	320	320	320
Slide Travel (mm)	80	100	100	100	100	120	120	120	120	200	200	200
Max Open (mm)	260	320	320	320	350	350	370	370	370	460	460	460
Motor Power (kw)	3	5.5	5.5	7.5	7.5	7.5	7.5	7.5	7.5	11	15	15
Dimension (LxWxH)	1600x800	2600x1300	3300x1300	2600x1400	3300x1500	2600x1600	3300x1600	3300x1600	4100x1600	3300x1700	3300x1950	4100x1950
	x1780	x2210	x2210	x2300	x2300	x2400	x2600	x2600	x2700	x2700	x2800	x2800



**Surface Grinders (Higher sizes available on request)**

Model	SG5425	SGH5425	SGH6030	SGH7530
Type	Manual	Hydraulic	Hydraulic	Hydraulic
Table size (mm)	540x250	540x250	600x300	750x300
Max. table travel (mm) (L x W)	560x260	560x260	650x310	800x310
Max. grinding area (mm) (L x W)	540x240	540x240	650x310	800x310
Max. distance from table Surface to spindle center (mm)	490	490	510	550
Table slide-way	Double-V rail with steel-ball	Double V-type rail	Double-V rail	Double-V rail
Power of Spindle motor (Watt)	1500	1500	2200	2200
Hydraulic station motor (Watt)	....	1500	1500	1500



**Iron Worker**

Model	DIW-40	DIW-60	DIW-90	DIW-120	Q35Y-12
Rated Capacitz (ton)	40	60	90	120	40
Flat Bar - Max Thickness (mm)	200x15	250x16	380x20	330x25	200x15
Flat Bar - Max Width (mm)	300x12	400x8	480x10	600x16	300x12
Stroke Length (mm)	50	80	80	80	50
Angle Iron Trim (mm) max 90°	80x10	120x120x12	140x140x12	160x160x14	100x10
Motor (Kw)	4.0	4.0	5.5	7.5	3
Machine Dimension (cm)	145x59x162	162x80x178	190x79x191	222x96x195	1450x590x1620
N.w/G.w (Kg)	1100/1200	1900/2050	2900/3100	4800/5000	1100



**Welding Machines**

Model	MMA (ARC)250	MMA (ARC)400	MMA (ARC)500	TIGs(ARC+ ARGON)-300	TIGs(ARC+ ARGON)-400	MIG 250-(IGBT)	MIG 350-(IGBT)	CUT-70	CUT-100	ZX6-400 (Silicon Rectifier)	ZX7-400 (IGBT)	WS-400 (IGBT)
Input Voltage (V)	AC 380	AC 380	AC 380	AC 380	AC 380	AC380	AC 3	AC 380	AC 3	AC 3	AC 380	AC 380
	V±10%	V±10%	V±10%	V±10%	V±10%	V±15%	phase 380	V±10%	phase 380	phase 380	V±10%	V±10%
Current Range(A)	20-250	30-400	30-500	25-300	25-400	50-250	60-350	25-60	25-100	95-400	15-400	20-500
KVA Rating	9.5	12	12	8.4	13	9.2	13.7	7.9	15	32.5	28	14.4
Electrode size(mm)/ Cutting/Wire Thick	1.6-4.0	1.6-4.0	3.2-6.0	1.6-4	1.6-4	0.8-1.0	1.0-1.2	15	25	3.2-4	2.0-4	1.6-4



**Compressors**

Model	Single Stage Air Compressors										Mining Air Compressor		
	JV-0.036/8	JV-0.17/8	JV-0.25/8	JV-0.6/8	JV-0.67/8	JW-0.9/8	JW-2.85/7	JV-0.25/12.5	JW-0.36/12.5	JV-0.6/12.5		JV-0.67/12.5	JW-0.8/12.5
No. of Cylinders	1	2	2	2	2	3	3	2	3	2	2	3	3
Air Delivery (CFM)	1.3	6	8.9	21	24	35	93	8.9	12.8	21	24	32	101
Working Pressure (Kg)	8	8	8	8	8	8	8	12.5	12.5	12.5	12.5	12.5	5.5/7
Motor (h.p)	0.5	2	3	5	7.5	10	20	3	4	5	7.5	10	20
Air Receiver (ltrs)	24	60	115	180	180	180	200	115	120	180	180	180	200

