



PRESSES
MECHANICAL & HYDRAULIC

STRAIGHT SIDED SINGLE CRANK MECHANICAL PRESSES

MAX I SERIES
200T - 400T



Salient Features

- Highly Rigid Frame Structure results accurate Stamping & enhanced Die Life
- Gears machined to Precision Grade for Smooth Torque Transmission
- Precision machined 8 point extra long guide for Precise Slide Movement
- Control Voltage 110V AC & 24V DC for Operator Safety
- Geometrical Accuracy as per JIS B 6402 Grade-1
- User-friendly PLC & HMI
- Maintenance-friendly by easy access to Parts

Safeties conform to:
CE (EN-16092 : 2018)
OSHA 1910.217
CSA-Z142
NR-12

Cost Effective Stamping Solution

Suitable for Forming, Punching & Blanking

ISO 9001:2015
ISO 14001:2015
OHSAS 18001 :2007

High Performance Sheet Metal Working • Prompt Local Service Support

Standard Accessories

- Hydraulic Overload Protection
- Motorised Slide Adjustment
- Automatic Forced Lubrication
- Photo Electric Guards
- Electronic Shut Height Indicator
- Programmable Logic Control
- Pneumatic Clutch and Brake
- Dual Safeties
- 6 Cam Box
- Die Area Light
- Portable Two Hand Operator Stand
- Emergency Stop Buttons
- Pneumatic Counter Balance Cylinder
- Production Counter
- Safety Block
- Misfeed Detection Socket

Optional Accessories

- Pneumatic Die Cushion
- Wet Clutch
- Variable Speed through AC Inverter
- Anti Vibration Mounts
- Tonnage Monitor
- Quick Die Change System
- Mechanical Knock Out
- Interfacing provision with Coil Feeding System
- Safeties conform to CE/OSHA
- Fixed type Side Safety Guards
- Direct Crank Angle Indicator
- Cam Operated Air Socket
- Direct Air Socket

Technical Specifications

Description	Unit	200T	250T	315T	400T
Capacity	(kN)	2000	2500	3150	4000
Rated Distance	(mm)	6	8	8	8
	(inch)	0.24	0.31	0.31	0.31
Stroke Length	(mm)	200	300	300	300
	(inch)	7.9	11.8	11.8	11.8
Stroke Per Minute (Fixed)	(spm)	40	30	30	30
Stroke Per Minute (Variable)*	(spm)	25-50	20-40	20-40	20-40
Stroke Per Minute (Intermittent)#	(spm)	14	14	14	12
Shut Height	(mm)	550	600	600	600
	(inch)	21.7	23.6	23.6	23.6
Slide Face	(mm)	1000 x 650	1100 x 900	1250 x 1000	1250 x 1100
	(inch)	39.3 x 25.5	43.3 x 35.4	49.2 x 39.3	49.2 x 43.3
Bolster Area	(mm)	1250 x 850	1400 x 1000	1400 x 1100	1450 x 1200
	(inch)	49.2 x 33.4	55.1 x 39.3	55.1 x 43.3	57.08 x 47.24
Bolster Thickness	(mm)	160	160	160	190
	(inch)	6.3	6.3	6.3	7.5
Slide Adjustment	(mm)	120	120	120	120
	(inch)	4.7	4.7	4.7	4.7
Side Opening	(mm)	750 x 500	900 x 500	1000 x 500	1000 x 500
	(inch)	29.5 x 19.6	35.4 x 19.6	39.3 x 19.6	39.3 x 19.6
Main Motor	(kW)	15	18.5	30	37
	(HP)	20	25	40	50
Working Height Approx. (Press mounted on Floor with AVM)	(mm)	1215	1215	1305	1358
	(inch)	47.83	47.83	51.38	53.46
Die Cushion*	(kN)	100	140	200	200
Die Cushion Stroke	(mm)	100	150	150	150
	(inch)	3.9	5.9	5.9	5.9
Pad Area	(mm)	600 x 450	600 x 560	700 x 560	700 x 560
	(inch)	23.62 x 22.04	23.62 x 22.04	27.55 x 15.74	27.55 x 15.74
Required Floor Space	(mm)	2600 x 3500	2600 x 3800	2600 x 4000	2800 x 4000
	(inch)	102.36 x 137.79	102.36 x 149.60	102.36 x 157.48	110.23 x 157.48

* Optional at Extra Cost.

Single stroke working is recommended up to mid SPM only.

- Dimensions given in inch are approximate.

Wide Range of Presses

Servo Presses • Transfer Presses • Progressive Presses • High Speed Presses • Hot Stamping & Hot Forming Hydraulic Presses
Standard Straight Sided Mechanical & Hydraulic Presses • Blanking Lines • Tandem Press Lines - Mechanical & Hydraulic
Cold Forging Presses • Tryout & Die Spotting Presses • Gap Frame & Ring Frame Power Presses • Special Purpose Presses



**ISGEC HEAVY
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