



PRESSES

MECHANICAL • HYDRAULIC • SERVO

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

Cost Effective Stamping Solution

Suitable for Forming, Punching & Blanking

ISO 9001:2015

High Performance Sheet Metal Working • Prompt Local Service Support

Standard Accessories

- Hydraulic Overload Protection
- Motorised Slide Adjustment
- Automatic Motorised Lubrication
- Photo Electric Guards
- Digital Shut Height Indicator
- Operator Panel with PLC & HMI
- Pneumatic Clutch and Brake
- Dual Safeties
- Rotary Cam Limit Switches (6 Nos.)
- Die Area Light
- Portable Two Hand Operator Stand
- Emergency Stop Buttons
- Pneumatic Counter Balance Cylinder
- Production Counter

Optional Accessories

- Pneumatic Die Cushion
- Wet Clutch
- Variable Speed through AC Inverter
- Anti Vibration Mounts
- Tonnage Monitor
- Quick Die Change System
- Mechanical Knock Out
- Safeties conform to CE/OSHA/CSA
- Fixed type Side Safety Guards
- Cam Operated Air Socket
- Direct Air Socket
- Tower Light
- Safety Block
- Misfeed Detection Socket
- Digital Crank Angle Indicator on HMI
- Programmable Soft Cams (8 Nos.)
- Feedline Equipment (De-Coiler, Straightener, Feeder)
- Automated Component Transfer System (ACTS)

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

Single stroke working is recommended up to mid SPM only • Dimensions given in inch are approximate.

* Optional at Extra Cost.

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
ENGINEERING LTD.**

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Plant : Plot No. 123, Sector - 6, HSIIDC Growth Centre, Bawal - 123 501 (Haryana) India
Tel.: +91-8930234025
E-mail: smpbawal@isgec.com, brijender@isgec.com

Sales Office: **Gurgaon**
Unit No. 0705, (7th Floor), Emerald Plaza, Sector-65, Gurugram - 122 102 (Haryana) India
Tel.: +91-0124-405 2749 E-mail: smp.north@isgec.com

Regional Offices: **Mumbai**
Great Social Building, Sir Phirozshah Mehta Road, Fort, Mumbai 400 001, India
Tel.: +91-22-22 66 23 74 Email: presses.wr@isgec.com

Chennai
Grace Building, (3rd Floor), No 25, Mc Nichols Road, Chetpet, Chennai 600 031, India
Tel.: +91-44-28 36 13 75, 28 36 13 51 Email: presses.sr@isgec.com

Kolkata
18, Main Road, Kalaniwas, Barrackpore, Kolkata 700 122, India
Tel.: +91-98363 61411 E-mail: presses.er@isgec.com

Overseas Offices : Chonburi, Thailand • Windsor (Ontario), Canada • Portland (Tennessee), USA

Sales Representatives : Brazil • China • France • Germany • Hungary • Indonesia • Italy • Japan • Malaysia • Mexico
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Some of the accessories / fitments shown in the reference photograph may not be part of Standard equipment supplied.
Isgec reserves the right to change specifications without prior notice.
Details given in this Brochure are indicative & may change.