



PRESSES

MECHANICAL • HYDRAULIC • SERVO

Deep Throat Gap Frame Presses

GD Series

63T - 315T



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 DIN 8650
- User-friendly PLC & HMI
- Maintenance-friendly by easy access to Parts

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

High Performance Sheet Metal Working

ISO 9001:2015

Rigidity • Precision • Reliability

Standard Accessories

- Pneumatic Counter Balance Cylinders
- Hydraulic Overload Protection
- Motorized Slide Adjustment
- Automatic Forced Lubrication
- Operator Panel with PLC & HMI
- Pneumatic Clutch & Brake
- Emergency Stop Buttons
- Digital Shut Height Indicator
- Two Hand Push Button Station
- Production Counter
- Anti-Repeat Safety Device
- Rotary Cam Limit Switches
- Die Area Light
- Power Socket
- Photo Electric Guards
- Mechanical Knock Out

Optional Accessories

- Pneumatic Die Cushion
- Wet Clutch
- Variable Speed through AC Inverter
- Tonnage Monitor
- Quick Die Change System
- Anti Vibration Mounts
- Direct Air Socket
- Feedline Equipment (De-Coiler, Straightener, Feeder)
- Cam Operated Air Socket
- Mis Feed Detection Socket
- Metallic Guards & Covers
- Safety Block
- Automated Component Transfer System (ACTS)

Technical Specifications

Tonnage	Unit	63	80	110	160	200	250	315
Model		GD	GD	GD	GD	GD	GD	GD
Maximum Capacity	kN	630	800	1100	1600	2000	2500	3150
Rated distance	mm	4	4	6	6	6	6	8
Speed (Fixed)	spm	60	60	45	45	40	40	40
*Speed (Variable) [^]	spm	40-80	40-80	30-60	30-60	25-50	25-50	25-50
Stroke Length - Fixed	mm	120	150	180	200	200	250	250
Throat (t)	mm	300	400	400	500	500	500	500
Shut Height (s) Stroke Down Adjustment Up (SDAU)	mm	300	325	350	500	550	600	600
Slide Adjustment	mm	70	80	80	120	120	120	125
Slide Face (a x b)	mm	500x400	600x600	800x700	850x750	900x800	1000x850	1100x850
Bolster Size (c x d)	mm	900x600	1000x800	1150x800	1250x1000	1450x1000	1500x1000	1500x1000
Bolster Thickness (f)	mm	90	100	115	140	160	160	160
Height of Bolster Surface from Floor (g) (without AVM)	mm	900	900	900	900	1000	1100	1200
Main Motor Power	kW	5.5	7.5	11	15	15	18.5	22.5
*Die Cushion Capacity at 7kg/sq.cm.	kN	36	36	63	100	140	140	140
Die Cushion Stroke Length	mm	60	75	90	100	100	125	125
Die Cushion Pad Area	mm	350x300	450x310	500x450	600x450	600x560	600x560	600x560
#Overall Dimensions (n x l x m)	mm	2750x1600x1500	3400x1800x1550	3400x2100x1650	3700x2300x1750	4150x2400x1950	4460x2600x1950	4850x2600x1900

GD: Deep Throat Press.

* Optional at extra cost.

[^] Single stroke working is recommended up to mid SPM only.

Overall Dimensions of GL Series are slightly different.

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



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ENGINEERING LTD.**

www.isgec.com



Follow us on:



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
Poland • Russia • South Africa • Spain • Thailand • Turkey • USA • Vietnam

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.