



# EAGLE PRESS

& Equipment Co. Ltd.

An **ISGEC** Group Company

## PRESSES

MECHANICAL • HYDRAULIC • SERVO

### *Deep Throat Gap Frame Presses*

*GD Series*

63T - 315T



#### Main 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) <sup>^</sup>                         | 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.

<sup>^</sup> 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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*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.*