

Advantages of **bansal** Presses

- **CENTER GUIDING OF SLIDE**

These guides are designed with extra length & surface area to provide best possible resistance to slide tipping which is caused by off centre loading in the die. Our guides are most suitable for highly precise pressing application. This increases tool life.

- **BALL JOINT PLAY ADJUSTMENT (60 Tonne & above)**

As per standard we provide check nut mechanism for adjusting the play in Ball Joint. With this function the play can be adjusted within 5 ~ 10 minutes. This facility improves performance of machine and increase tool life and also reduces break down time.

- **MOTORISED SLIDE ADJUSTMENT (60 Tonne & above)**

The motorised slide adjustment system is provided with Imported thin brake motor which operate through push button. This reduces tool setting time and this system provided production standards from 60 Ton and above.

- **DIE HEIGHT INDICATOR**

The slide adjustment mechanism is an imported device fitted with 0.1mm increment digital die height indicator. This facility provides with both manual & motorised slide adjustment as standard. Limit Switches are in built to stop at min & max limits with Motorised adjustment.

- **KNOCK OUT**

Our design looks like a lever. It can take loads which are most suitable for heavy knocking. This facility includes single bolt stopper adjustment which reduces die setting time and provides better life and better load bearing capacity.

- **HYDRAULIC OVERLOAD SAFETY**

Our HOL Pump works on low pressure, which increases the life of pump and seals. Parts are ground instead of machined finish.

- **DUAL SAFETY VALVE**

We provide Dual Valve with bigger size of exhaust port and this gives better TDC stop accuracy thus increasing the clutch liner life.

- **MOTORISED GREASE LUBRICATION**

Our lubrication unit is suitable for EP-1 Grade of Grease instead of Liquid/Special Grease. This reduces the running cost and the product becomes easily available. Our Pump capacity is of 3Kg. The Progressive unit provided with a sensor which stops machine in case if the line is blocked.

- **GLYCERIN FILLED GAUGES**

Glycerine filled Pressure Gauges are provided for all pneumatic regulators with an objective to give better life and accuracy.

- **ELECTRICAL ENCLOSURE**

As per standards we provide RITTAL enclosures which are IP 55 protected.

- **ELECTRICAL (24V DC)**

As per standard all electrical components used / system works on 24V DC and CE marked. This makes the product easy for maintenance giving them life and better performance.

- **PROGRAMMABLE LOGIC CONTROL (PLC)**

As per standards we provide PLC with inbuilt display system, which shows faults and gives remedy also. It helps for easy maintenance and gives reduced break down time.

- **CAM LIMIT SWITCH DRIVEN THROUGH GEAR**

In our machines Cam Limit Switch is driven through gears instead of sprockets & chain. This provides accurate signals to PLC with no chances of double stroking which ensures safety for the operator. This facility provides safety and reduced maintenance and down time.

- **MISS FEED SOCKETS**

Miss feed sockets are provided to turn the machine with automation line.

- **PNEUMATICS**

All pneumatic items like FRL, air regulators, and fittings etc are of SMC and are duly fitted in RITTAL enclosures. All pressure gauges are glycerine filled and visible from front of machine. Pressure Switch Drain Cock and Safety Valves are provided wherever required. Air outlet provided for pneumatics tools as per standards.

- **COUNTER BALANCER LUBRICATION**

We provide all the machines with manual lubrication device for counter balancing system which increases life of cylinders and seals.