



## ENERGY-SAVING AUTOMATION SOLUTION FOR HYDRAULIC PRESS



**KEB** (Germany) Servo Drive  
with PLC & HMI:  
Intelligent, compact



**PM Servo Motor:** Excellent Dynamic  
Response, Low Inertia  
**Internal Gear Pump With Cradle:**  
Low Noise, High Efficiency

Flow Ratings - 60 LPM to 750 LPM | Pressure - 120 Bar to 320 Bar

## Benefits of Servo Drive Solution for Hydraulic Press



30% to 50% potential energy savings in hydraulic systems.



Adjustable stroke length of the RAM with various velocities.



Reduced oil temperature and lower pump noise.



High dynamic performance due to fast response of the Servo Motor and Servo Pump.



Increased productivity due to faster cycles and lower scraps/rejections.



Increased safety in operation of press due to additional interlocks.



Stable and accurate pressure holding resulting in improved product quality.



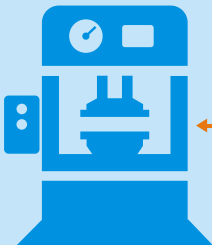
Various machine cycles can be easily programmed through HMI interfaced PLC.



Same press can be utilised for various products/jobs due to flexibility in parameterisation.

We provide retrofitting Servo solution of existing Hydraulic Press for energy savings.

## Bharat Bijlee offers complete automation package for Hydraulic Press



- Bharat Bijlee manufactured AC Servo Drive under license from KEB Germany.
- PM Servo Motor with encoder/ resolver feedback and KTY temperature sensor.
- Internal Servo Gear Pump with low noise and high efficiency.
- Bell housing (cradle) with coupling.
- KEB display panel with keypad and various communication protocols.
- Installation and commissioning support.
- **Accessories:** EMC Filters, Touch Screen HMI, PLC, AC Input Choke, Brake Resistor, Pressure Sensor, Shielded Power and Resolver/Encoder Feedback Cables.

Exclusive Service Centres at Mumbai, Ahmedabad, Vapi, Delhi, Haridwar, Chennai, Coimbatore, Bengaluru, Pondicherry, Kolkata.



### DRIVES & AUTOMATION DIVISION

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#### Drives & Automation App

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