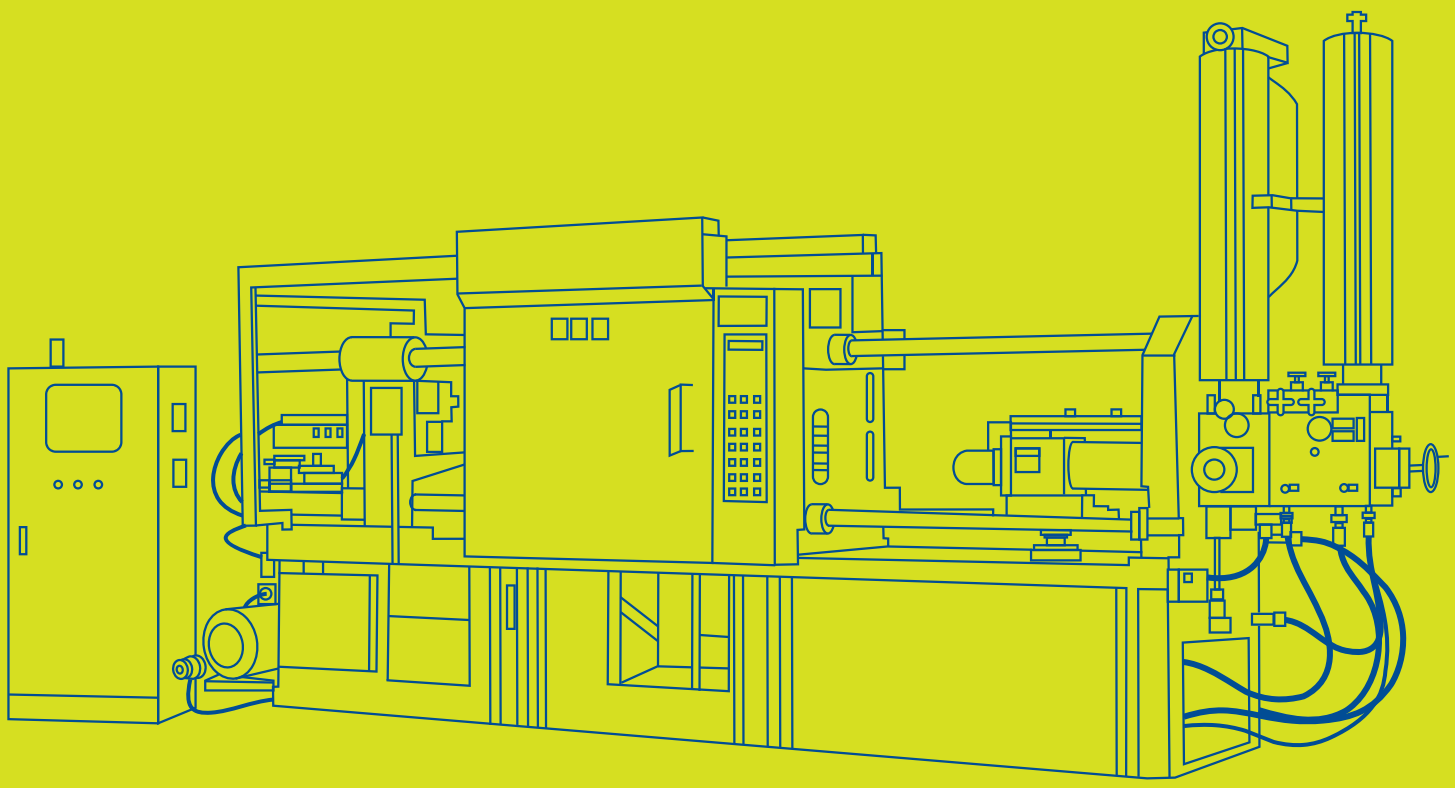
KEB Official Partner

Bharat Bijlee

ENERGY SAVING AUTOMATION SOLUTION

PRESSURE DIE CASTING MACHINE

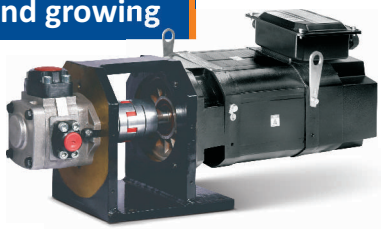


Servo Drive Technology for Hydraulic Gear Pumps

19000+ installations and growing



KEB Servo Drive
Intelligent, Compact



SynchroTorq® | Servo Series
PERMANENT MAGNET SERVO MOTOR

PM Servo Motor
Excellent Dynamic Response with
CE Approval and Class H Insulation

Internal Gear Pump with Cradle & Coupling
Low Noise, High Efficiency

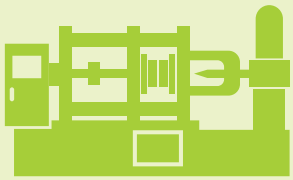
Flow Ratings - 60 LPM to 700 LPM | Pressure - 120 Bar to 320 Bar

Benefits of Servo Drive Solution for Pressure Die Casting (PDC) Machine

- 30-50% energy savings, resulting in lower production cost and increased profitability.
- Faster ROI within two years of upgrade compared to existing PDC machines.
- Lower pump noise by 10-20 dBA.
- High dynamic performance due to fast response of the Servo motor and Servo pump.
- Increased productivity due to faster cycles and lower scraps/rejections.
- KEB Drive with pump protection feature and parameters in hydraulic terminology.
- Stable and accurate pressure holding with excellent flow control, resulting in improved product quality.
- Various machine cycles can be easily programmed through HMI interfaced PLC.
- Better shot-to-shot repeatability, finer control over fill velocity profiles, intensification and pressure ramp.

We provide retrofitting Servo solutions for existing PDC machines that save energy and deliver faster ROI.

Complete automation package for Pressure Die Casting Machine



- BB-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, Touchscreen 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, Coimbatore, Bengaluru, Pondicherry, Kolkata

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REGISTERED OFFICE
Electric Mansion, 6th Floor,
Appasaheb Marathe Marg,
Prabhadevi, Mumbai 400 025
T: +91 22 4614 1414
E: info@bharatbijlee.com
CIN: L31300MH1946PLC005017

WORKS
No. 2, MIDC Thane-Belapur Road, Airoli,
Navi Mumbai 400 708
T: +91 22 6218 7200 / 7400
E: drivesales@bharatbijlee.com

www.bharatbijlee.com

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CL-037-00F6-PLS/Ver00, 18/09/2026