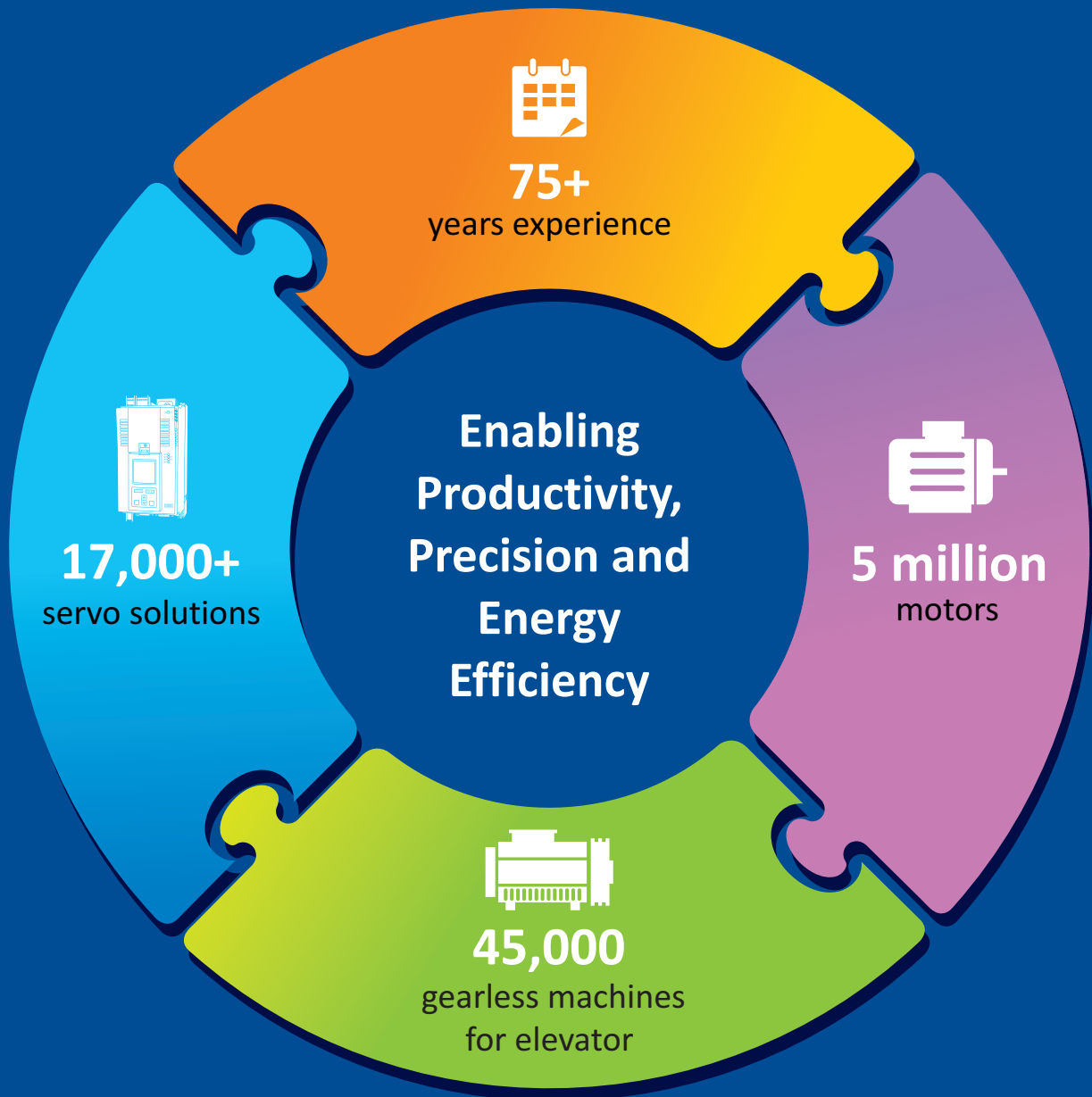


INDUSTRIAL SYSTEM SOLUTIONS



MOTORS



TRANSFORMERS



PROJECTS

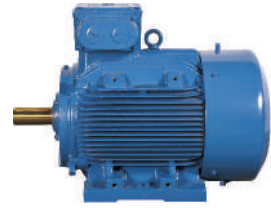


DRIVES & AUTOMATION



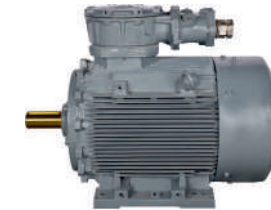
MAGNET TECHNOLOGY MACHINES

MOTORS PRODUCT RANGE



LV MOTORS: SAFE AREA

Motor Type	Frame	Power (kW)
IE2 Motors	56 to 355	0.12 to 355
IE3 Motors	56 to 355	0.12 to 355
IE4 Motors	112 to 225	2.2 to 45
Large LV Motors (DCCA)	355 to 450	250 to 1250



LV MOTORS: HAZARDOUS AREA

Motor Type	Frame	Power (kW)
Standard Flame Proof Ex'd' Motors	80 to 315	0.37 to 200
IE2 Flame Proof Ex'd' Motors	80 to 315	0.37 to 200
IE3 Flame Proof Ex'd' Motors	80 to 315	0.37 to 200
IE2 Increased Safety Ex ec Motors	63 to 355	0.12 to 355
IE3 Increased Safety Ex ec Motors	63 to 355	0.12 to 355



LV MOTORS: SPECIAL PURPOSE

Motor Type	Frame	Power (kW)
Crane & Hoist Duty Motors	71 to 355	0.37 to 400
Cane Unloader Motors	160 to 225	11 to 30
Brake Motors with Integral DC Brake	71 to 132	0.25 to 9.3
Brake Motors with External Mounted Brake	71 to 200	0.37 to 22
Slip Ring Motors	100 to 160	1.10 to 10
Textile Motors	100 to 160	1.1 to 15



MEDIUM VOLTAGE MOTORS FROM 120 kW to 1000 kW, 11kV



GreenStar®

PERMANENT MAGNET GEARLESS MACHINES FOR ELEVATORS

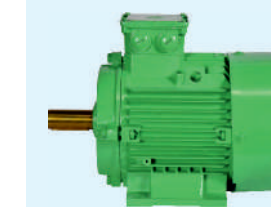
Home elevator - upto 300 kg
 Passenger elevator - upto 20 passengers
 Goods elevator - upto 5 tons
 Belt machine - upto 20 passengers



SynchroTorq®

HIGH TORQUE MACHINES FOR DIRECT DRIVE APPLICATIONS

High efficiency
 Significant power saving
 No oil spillage and cleaning issues
 Gearbox is eliminated
 Powered by KEB Drives - SCL Technology without Encoder



SynchroVERT®
 IE4 & IE5 Motors

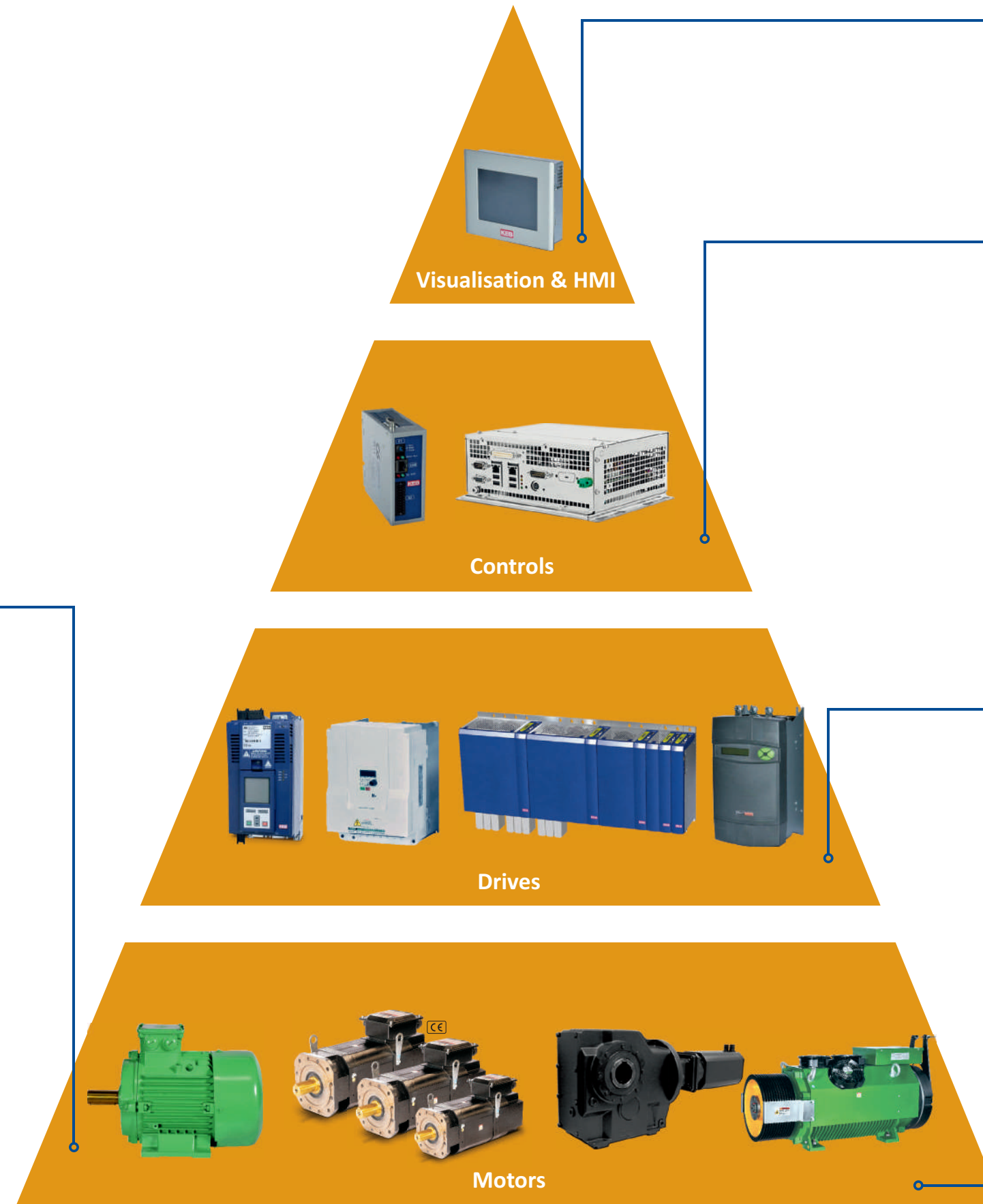
Winner of CII's 'Most Innovative Energy Saving Product' 2016 and 2018

- Super Premium IE4 class of efficiency as per IEC 60034-30-1-2014
- Operates without a VFD
- Line Start Permanent Magnet Synchronous Motor (LSPMSM) technology*
- Remarkably short payback periods

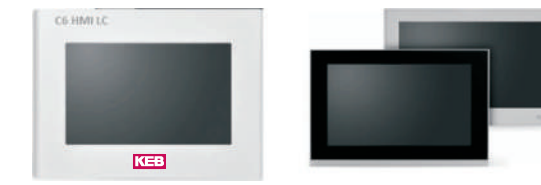
To calculate energy saving and payback period for IE4 motor visit www.bharatbijlee.com/ie4-motors-synchrovert

*Patent Pending

MOTOR, DRIVE AND AUTOMATION SOLUTIONS



C6 HMI LOGIC CONTROLLER WITH ETHERCAT IN PARTNERSHIP WITH KEB AUTOMATION, GERMANY



BB IIoT MODULE SynchroConnect™



C6 SMART C6 MULTIAxis MOTION CONTROLLERS; C6 IPC; C6 COMMUNICATION ROUTER IN PARTNERSHIP WITH KEB AUTOMATION



NEW GENERATION F6 AC/SERVO DRIVES: 2.2kW TO 450kW WITH VARIOUS COOLING & FIELD BUS OPTIONS
 Regenerative Drive R6 & AFE Solutions



4Q DIGITAL DC DRIVES & STACK CONTROLLERS



GENERAL PURPOSE AC DRIVES UPTO 75kW - BBVERT BL5 SERIES



SERVO DRIVES IN PARTNERSHIP WITH KEB AUTOMATION
 S6 Intelligent Servo
 F6 Drive - Application & Compact Version
 H6 Multi Axis
 P6 Pitch Control



KEB T6 DRIVE FOR E-MOBILITY



PERMANENT MAGNET SERVO MOTORS: UPTO 280Nm/58kW WITH ENCODER/RESOLVER OPTIONS AND CLASS H INSULATION



SynchroTorq® | Servo Series
 PERMANENT MAGNET SERVO MOTOR

GEARED MOTORS IN PARTNERSHIP WITH KEB AUTOMATION
 Helical geared motors
 Shaft mounted helical geared motors
 Helical bevel geared motors
 Helical worm geared motors
 Geared motor with integrated frequency inverter



Bharat Bijlee's Industrial Systems product portfolio caters to a spectrum of applications and spans the machine automation pyramid.

INDUSTRIES



Automobile



Cement



Chemical &
Pharmaceutical



Metal



Printing



Packaging



Machine Tool



Mining



Oil & Gas



Plastic



Power



Pulp & Paper



Steel



Textile



Waste Water



Water



Windmill

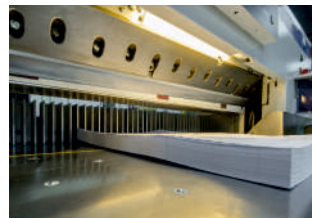


Distillery

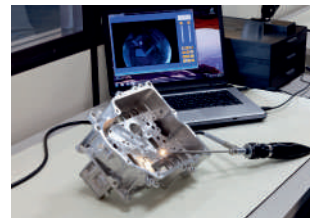
APPLICATION EXPERTISE



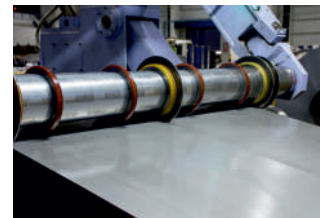
High speed block-type
wire drawing machine



High speed CTL for
corrugated board and
paper cutting machine



Motor test bench



Continuous shear control
for CTL in rolling mill



Textile machinery



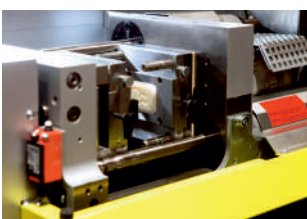
Crane



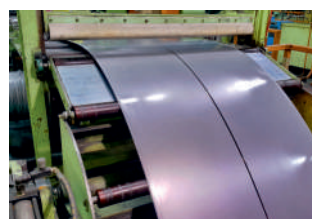
High speed spindle



Pipe cutting machine



Plastics machinery



Slitter for steel



Hydraulic press and
pressure die casting machine



Pitch & yaw control
for wind turbine

ALL INDIA SERVICE NETWORK

● Regional Offices

🔥 Works

● Authorised Service Centre: Motors

✂ Service Centre: Servo Motors

✂ Service Centre: Drives



REGIONAL OFFICES

Mumbai +91 22 61457200

Pune +91 7410011271 / 72

Ahmedabad +91 79 66049200

New Delhi +91 11 25816931 / 32 / 33

Indore +91 731 2524474 / 2514486

Ludhiana +91 161 2775692 / 93

Jaipur +91 141 2377223

Kolkata +91 33 24432383 / 2467 / 40623076 / 77

Bengaluru +91 80 25592646 / 2137 / 2681

Chennai +91 44 2815 4793 / 94

Secunderabad +91 40 27801791 / 27814512

Coimbatore +91 422 4204314

enquiries.iss@bharatbijlee.com

BB ServiceLINE®
Customer Service Helpdesk for Industrial Systems
+91 22 - 2763 7290
+91 22 - 2763 7490
serviceline@bharatbijlee.com



Bharat Bijlee
Drives & Automation
Mobile App
for Troubleshooting
and Maintenance of
Drives and Servo Motors.

Scan to download the app for free

For Android Users



For iOS Users



Bharat Bijlee

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 2763 7200 / +91 22 2760 0401
E: drivesales@bharatbijlee.com

www.bharatbijlee.com

Follow us on ▶



www.facebook.com/bharatbijleeltd



www.linkedin.com/company/bharat-bijlee-ltd

All product designations may be trademarks or product names of Bharat Bijlee Ltd, or of its partner or supplier companies, and whose use by third parties for their own purposes could violate the rights of the owners.

Product improvement is a continuous process and technical information herein is subject to change. Please contact our nearest sales office for the latest information.