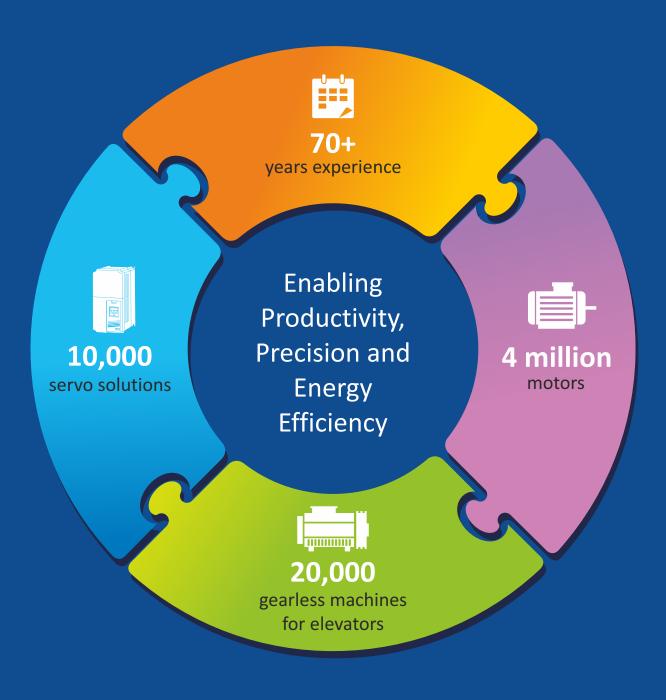


# **INDUSTRIAL SYSTEM SOLUTIONS**













# **MOTORS PRODUCT RANGE**



### LV MOTORS: SAFE AREA

Motor Type	Frame	Power (kW)
IE2 Motors	71 to 355	0.37 to 355
IE3 Motors	80 to 355	0.55 to 355
IE4 Motors	112 to 225	0.55 to 45
Large LV Motors (DCCA)	355 to 450	280 to 1250



## LV MOTORS: HAZARDOUS AREA

Motor Type	Frame	Power (kW)	
IE2 Flame Proof Motors	80 to 315	0.37 to 200	
IE3 Flame Proof Motors	80 to 315	0.75 to 180	
IE2 Non Sparking Motors	71 to 355	0.37 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	71 to 132	0.25 to 9.3
Slip ring Motors	100 to 160	1.10 to 10
Textile Motors	100 to 160	1.1 to 15



### **MEDIUM VOLTAGE MOTORS UPTO 1250 kW**



GreenStar

# PERMANENT MAGNET GEARLESS MACHINES FOR ELEVATORS

Home elevator - upto 300 kg Passenger elevator - upto 20 passengers Goods elevator - upto 5 tons Suitable for machine-room less applications



## 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





## Winner of CII's 'Most Innovative Energy Saving Product' 2016



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

# MOTOR, DRIVE AND AUTOMATION SOLUTIONS



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

C6 HMI WITH LOGIC CONTROLLER IN PARTNERSHIP WITH

LES AUTOMATION, GERMANY





C6 MULTIAXIS MOTION CONTROLLERS;
C6 IPC AND C6 COMMUNICATION ROUTER
IN PARTNERSHIP WITH [CE] AUTOMATION, GERMANY



# 4Q DIGITAL DC DRIVES & STACK CONTROLLERS



# AC DRIVES UPTO 900 kW IN PARTNERSHIP WITH LES AUTOMATION, GERMANY

Basic F5 Compact F5 Regenerative Drive R6 & AFE Solutions



GENERAL PURPOSE AC DRIVES UPTO 75KW - BBVERT BL51 & BL52



# SERVO DRIVES IN PARTNERSHIP WITH KEB AUTOMATION, GERMANY

S6 Intelligent Servo F5 Multi H6 Multi Axis P6 Pitch Control F6K





# PERMANENT MAGNET SYNCHRONOUS AND SPINDLE/VECTOR ASYNCHRONOUS SERVO MOTORS



# **GEARED MOTORS IN PARTNERSHIP WITH**

# KEB AUTOMATION, GERMANY

Helical geared motors
Shaft mounted helical geared motors
Helical bevel geared motors
Helical worm geared motors
Geared motor with integrated
frequency inverter



# **INDUSTRIES**



Automobile



Cement



Chemical



Metal



Machine Tool



Mining



Oil & Gas



Plastic



Power



Pulp & Paper



Steel



Textile



Waste Water



Water



Windmill

# **APPLICATION EXPERTISE**



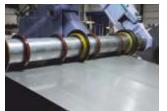
High speed block-type wire drawing machine



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** 



Pitch & Yaw Control for Wind Turbine





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## **Bharat Bijlee Drives & Automation**

Mobile App for Troubleshooting and Maintenance of Drives & Servo Motors Download for free from Google Play Store



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