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UNLEASHING
POWER

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VALUE



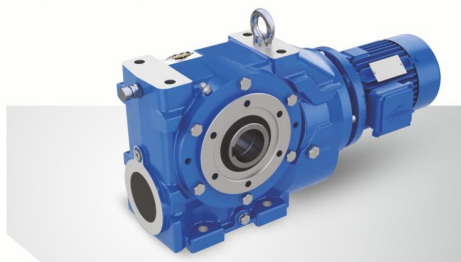
GEARED MOTORS · GEARBOXES · GEAR ASSEMBLIES · DRIVE SOLUTIONS

Series M: Helical Inline Geared Motor



Unit Sizes	: 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 12, 13, 14, 16
Input Power	: Up to 160kW
Output Torque	: Up to 20,000 N-m
Gear Ratios	: Up to 20,000:1
Motor Sizes	: IEC Frame size from 63 to 315
Application	: Aerators, Blowers, Classifiers & Segregators, Coal Washery, Conveyors, Cranes, Cross-flow grit Separator, Crushers, Extrusion, Fans, Feeders, Fluid Transport, Gantry Crane, Hoist Application, Mechanical Screens, Mixers, Moulding, Agitation, Overhead Crane, Palletizing, Paper Mill Drive, Rotating Biological Contractor, Scrapers, Travel Drives, Vortex Grit Trap.

Series C: Right Angle Heliworm Geared Motor



Unit Sizes	: 03, 04, 05, 06, 07, 08, 09, and 10
Input Power	: Up to 45kW
Output Torque	: Up to 10,000 N-m
Gear Ratios	: Up to 16,000:1
Motor Sizes	: IEC Frame size from 63 to 225
Application	: Aerators, Conveyors, Cross-flow grit, Separator, Gating Systems, Mechanical Screens, Mixers, Palletizing, Paper Mill Drive, Scrapers, R o t a t i n g Biological Contractor, Vortex Grit Trap.

Series PN:
Planetary Geared Motor



Unit Sizes : 11 to 33
Input Power : Up to 55kW
Output Torque : 800 to 2,75,000 Nm
Gear Ratios : 3.6:1 to 2250:1
Application : Agitators, Blowers, Brewing & Distilling, Can Filling Machinery, Cranes, Sugar Industry, Textile Industry, Mixers, Paper Industries.

Series J: Shaft Mounted Speed Reducer



Unit Sizes	: J1, J2, J3, J5 and J7- Single and Double Stages
Input Power	: Up to 55kW
Output Torque	: Up to 5,000Nm
Gear Ratios	: Up to 5:1- Single Reduction. Up to 25:1- Double Reduction.
Applications	: Conveyors, Mixers

Series H: Hoist Geared Motor



Unit Sizes : H3100, H3200, H3300
Lifting capacity : Up to 12.5 Tons
Gear Ratios : Up to 120:1
Motor Sizes : IEC Frames from 90 to 160
Applications : Hoist Application.

Series Q: Shaft Mounted Speed Reducer



Unit Size : 45, 50, 60, 70
Output Torque : Maximum 5200 N-m
Gear Ratios : 5:1 to 30:1
Output Options : Hollow Shaft, Torque Arm, Backstop
Application : Conveyors, Mixers

Series F: Parallel Shaft Mounted Geared Motor



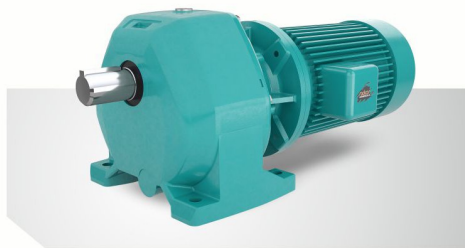
Unit Sizes : 02, 03, 04, 05, 06, 07, 08, 09, 12, 10, 14, 20, 25
Input Power : Up to 160kW
Output Torque : Up to 24,000 N-m
Gear Ratios : Up to 20,000:1
Motor Sizes : IEC Frame size from 63 to 315
Application : Aerators, Coal Washery, Conveyors, Cranes, Cross-flow grit Separator, Extrusion, Feeders, Gantry Crane, Gating Systems, Hoist Application, Mechanical Screens, Mixers, Moulding, Overhead Crane, Palletizing, Paper Mill Drive, Rotating Biological Contractor, Scrapers, Stacker Reclaimer, Travel Drives, Vortex Grit Trap, Agitation.

Series K: Right Angle Helical Bevel Geared Motor



Unit Sizes : 03, 04, 05, 06, 07, 08, 09, 10, 12, 14, 15, 16, 18
Input Power : Up to 160kW
Output Torque : Up to 50,000 N-m
Gear Ratios : Up to 10,000:1
Motor Sizes : IEC Frame size from 63 to 315
Application : Aerators, Coal Washery, Conveyors, Cranes, Cross-flow grit Separator, Extrusion, Feeders, Gantry Crane, Gating Systems, Hoist Application, Mechanical Screens, Mixers, Moulding, Overhead Crane, Palletizing, Paper Mill Drive, Rotating Biological Contractor, Sand Mullers, Scrapers, Stacker Reclaimer, Vortex Grit Trap.

Series A: Compact Geared Motor



Unit Sizes : 9 Sizes
Input Power : Up to 11kW
Output Torque : Up to 2,764 N-m
Gear Ratios : Up to 200:1
Output Options : Solid
Motor Sizes : IEC Frame size from 71 to 160
Application : Blowers, Conveyors, Cranes, Crushers, Extrusion, Fans, Feeders, Fluid Transport, Gantry Crane, Overhead Crane, Travel Drives, Agitation.

SERIES PBWR : Worm Gear Reducers



Unit Sizes : 25, 30, 40, 50, 63, 75, 90, 110, 130 and 150
Input Power : Up to 15 kW
Output Torque : Up to 1760 N-m
Gear Ratios : Up to 100: 1
Motor Sizes : IEC Frame size from 56 to 160
Application : Aerators, Conveyors, Cross-flow grit Separator, Gating Systems, Mechanical Screens, Mixers, Palletizing, Paper Mill Drive, Rotating Biological Contractor, Scrapers, Vortex Grit Trap.

PBL VFD SOLUTION:



Power Rating:

- Up to 400Kw for 3 phase 415 V (1 phase optional)
- Digital Input/output:
- Up to 8 nos of DI & 8 nos DO
- Up to 2 nos of AI & 1 nos of AO
- Operating Temp: -10 °C to 50 °C

Salient Feature:

- Inbuilt C3 EMC filter • PCB Protection – 2 Layer Coating
- Lightning surge protection

Application : Aerators, Conveyors, Cross-flow grit Separator, Gating Systems, Mechanical Screens, Mixers, Palletizing, Paper Mill Drive, Rotating Biological Contractor, Scrapers, Vortex Grit Trap.

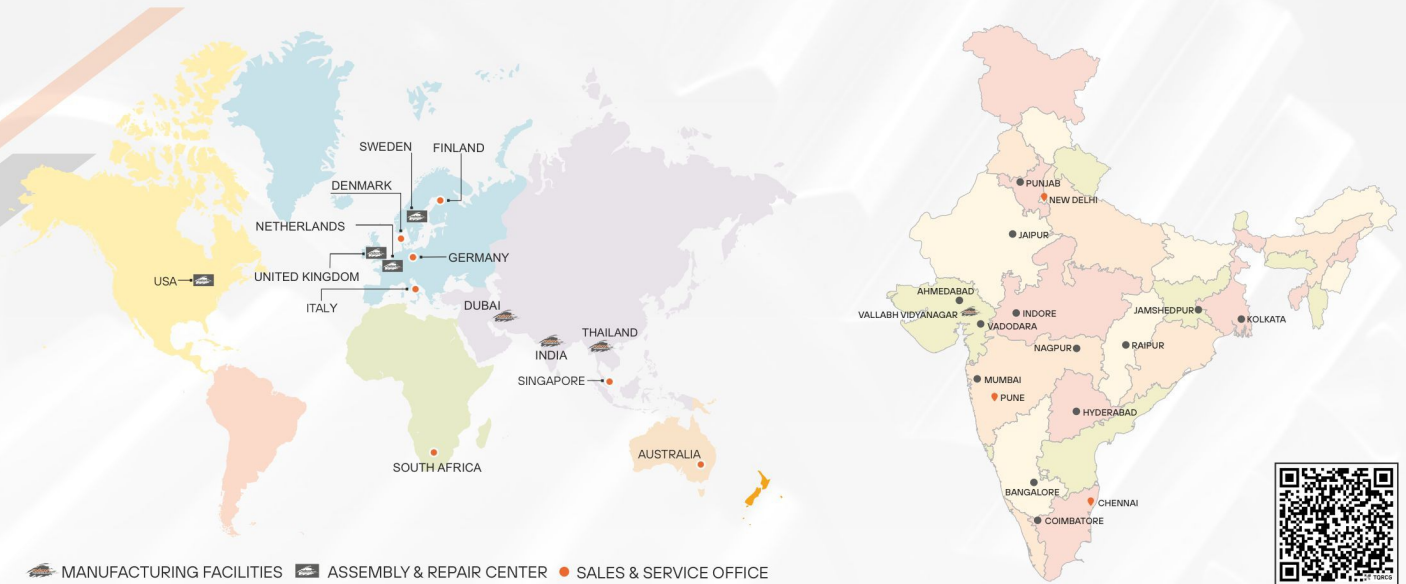
LOOSE GEARS & PINIONS



Components : Spur Gears.
 Helical Pinions and Gears.
 Double Helical Gears.
 Worm & Worm Gears.
 Split Gearing.
Accuracy Class : Up to DIN 6
Diameter Ranges : Up to 1000 mm
Services : Custom Gear manufacture as per Client requirement
 Refurbishment of existing Gear Boxes.



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