

# MATLOCK ELECTRIC MOTORS

Matlock Electric Company's Sales division specializes in the sale of New Surplus, Remanufactured and Large AC Induction Motors. We stock New motors to 5000 HP and have New Surplus motors to approximately 6000 HP. Strategically located in Cincinnati, OH, we look forward to providing you prices you can work with and deliveries you can live with!

*Matlock Electric ... serving the Midwest for over 90 years*

## BALDOR

BALDOR • DODGE • RELIANCE

Large selection of NEMA frame motors, stock locations throughout the country. Reliance Electric XEX and Above NEMA designs are now part of their product group. Baldor also offers a complete line of: IEC rated electric motors, inverter/vector motors and controls, DC motors and controls, soft starts & dynamic brakes, gear motors & gear products, grinders & generators.

## ABB

Largest Adjustable Speed Drive manufacturer in the world. From the ACS800 series "Top-of-the-Line" Direct Torque Controlled product to General Purpose (V/Hz, Sensorless & Flux Vector), ACS550 & ACS350 series to their new DCS800 DC Drive; ABB has the proper solution for your adjustable speed drive requirements. Low and Medium Voltage Control Items (Starters, SSRV, MCC's, C.B.'s, etc) and Low & Medium voltage motor division products are also available.

## TOSHIBA

Toshiba is a world leader in the design and manufacture of low and medium voltage motors, adjustable speed drives, motor controls, uninterruptible power systems, PLC's instrumentation, LED displays, network and automation systems products. Many of these products are designed, built and tested in their state-of-the-art manufacturing facility. Low and Medium Voltage Adjustable Speed Drives ranging from 1 to 5000 HP and 230 to 4600 V. General Purpose: Low Voltage Industrial, Medium Voltage Industrial. Definite Purpose: Severe Environment, Micro/Nano, Commercial HVAC. Matlock Electric stocks Toshiba WPII medium voltage motor products to 2000HP.

## TECO Westinghouse

Manufacturer of custom built motors to 30,000 HP. Matlock stocks WPII enclosed medium voltage motors from 400 to 5000 HP in 2, 4, 6 & 8 pole designs along with a multitude of standard low and medium voltage motors.

## SIEMENS

North American manufacturer of NEMA and Above NEMA frame electric motors from 1 through 5000 HP. Also a complete line of motor control products including soft starters, definite purpose and IEC motors, transfer switches and reduced voltage starters.

## HYUNDAI

HEAVY INDUSTRIES CO., LTD.

One of the world's largest manufacturers of high quality ANEMA motors. Continuous design evolutions for AC induction motors developed through years of experience, innovation and reliability. State of the art manufacturing facilities guarantee that all motors meet customers expectations with regard to cost, delivery and quality. Motors specifically designed to meet the requirements of domestic and international standards for use in petroleum and chemical processing, mining, metals, utilities, pulp and paper and other demanding applications.

## OVERLY HAUTZ MOTOR BASE COMPANY

"THE WORLD'S MOST COMPLETE LINE OF MOTOR MOUNTING PRODUCTS"

USA's best known manufacturer of belt tensioning, adjustable slide base and frame transition bases.

## Elektrim Motors

For over 40 years, Elektrim Motors has been a trusted manufacturer of some of the best energy efficient and dependable integral electric motors on the US marketplace. Elektrim motors are European engineered and designed for exceptional quality and outstanding performance. Whether you require a NEMA, metric or definite purpose electric motors, Elektrim Motors provides a wide range of electric motor solutions for your AC motor applications.

## LEESON

GROVE GEAR



## Lincoln MOTORS

Manufacturer of AC induction motors 1 thru 400 HP. Large selection of NEMA frame motors. DC motors & drives, sub - FHP, AC & DC, gear motors, AC & DC adjustable speed drives.

## LAFERTMOTORS

A leading manufacturer of High Efficiency Electric Motors for industrial applications: Three phase AC motors IE2-IE3, Permanent Magnet Motors IE4, Brushless Servo Motors and Drives. Lafert is also an excellent source for metric motors, gearboxes and coolant pumps.

## MASKA

Designs, manufactures and markets sheaves, QD bushings, taperlock bushings, synchronous QD sprockets, timing pulleys & belts, v-belt stepped pulleys, QD sprocket sheaves and flexible shaft couplings and related mechanical power transmission products.

## WEG

The Better Alternative

Manufacturer of NEMA & Above NEMA motors and generators. Solid State Reduced Voltage Starters and VFD's. Multiple stock locations.

### Equipment Types Offered

Horizontal motors	AC Variable Frequency Drives
C-Face, D-Flange or P-Base Motors	DC Drives
Hollow & Solid Shaft Vertical Motors	Low Voltage Motor Controls
Gear Motors	Medium Voltage Motor Controls
Brake Motors	Low Voltage Solid State Starters
Crusher Duty Motors	Medium Voltage Solid State Starters
DC Motors & Generators	

### Other Brands Competitively Offered

General Electric	A.O. Smith
Sew Eurodrive	Worldwide
Marathon	Reuland
US Electric Motor	Delta
Brook Crompton	Bluffton

## NEMA Enclosure Definitions

- ODP- Open Drip Proof; (IEC Equivalent: IP22,23)
- WPI- Weather Protected Type 1 is an Open type motor with ventilation screens and an internal epoxy coating.
- WP2- Same as WPI except intake-air must make three right-angle turns, at low velocity, to eliminate smaller particles.
- TEFC- Totally Enclosed Fan Cooled; (IEC Equivalent: IP44, 54, 55)
- XPFC- Explosion Proof Fan Cooled, also TEXP by others; (IEC related offering:Flameproof EExd)
- TE(XP)NV- Non-Ventilated; does not require external cooling
- TEAO- Air Over; requires external cooling
- TEBC- Blower Cooled; has external separately powered blower/motor
- TEAAC- Air to Air Cooled; has air to air heat exchanger, aka. TETC (Tube Cooled), TEDC-AA (Dual Cooled)
- TEWAC- Water to Air Cooled; has water to air heat exchanger, aka. TEWC (Water Cooled), TEDC-AW (Dual Cooled)

## Matlock Electric Warranties

**NEW:**  
All new electric motors sold by the Matlock Electric Co., Inc. are warranted against defects in workmanship and materials. All new motors are warranted for 36 months from the date of installation to Matlock customers. All IEEE-841 motors are warranted for 60 months. All warranty claims must be submitted to Matlock Electric Co., Inc. prior to the expiration of the warranty period.

**RECONDITIONED:**  
Matlock Electric Co., Inc. warrants that the apparatus has been completely reconditioned to EASA standards and tolerances. Warranty will extend for a period of one year from the date of installation, during which time the apparatus will operate satisfactorily with competent supervision, under rated load, original nameplate data usage and conditions. This warranty is limited to all workmanship and materials supplied as part of this repair and does not cover original equipment as manufactured or repairs performed by others previously not corrected by Matlock Electric Co., Inc.

**REMANUFACTURED:**  
Matlock Electric Co., Inc. warrants that the apparatus has been completely remanufactured to EASA standards and tolerances. Warranty will extend for a period of three years from the date of installation, during which time the apparatus will operate satisfactorily with competent supervision, under rated load, original nameplate data usage and conditions.



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**TOSHIBA**



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**Elektrim**  
Motors

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**WEG**