

TECO Westinghouse

TECO Westinghouse is one of the world's top 3 manufacturers of industrial electric motors, and their durable motors drive everything from pumps and fans to grinders and crushers. At HECO, we know their motors are high quality and that's one of the reasons we are a distributor for TECO Westinghouse electric motors.

Short History of TECO Westinghouse

The Taiwanese company TECO Electric & Machinery Co, Inc. was founded in 1956 as an industrial motor manufacturer and grew to become globally known for quality, efficient motors thanks to their motto of "Quality First." They quickly became the leading motor company in Taiwan, and later the world as they began to export their industrial motors.

Westinghouse Electric & Manufacturing Company was founded in 1886 by George Westinghouse, who was an American engineer, entrepreneur, and a direct competitor of Thomas Edison. In 1945 the company was renamed Westinghouse Electric Corporation. In 1975, the production of heavy industrial motors moved from Pittsburg, Pennsylvania to Round Rock, Texas, and the Heavy Industrial Motor Division was born.

A joint venture between TECO and Westinghouse began in 1988 with the Westinghouse Motor Company focusing on large custom AC and DC motors while TECO manufactured less customized motors. By 1995, TECO decided to buy out Westinghouse's share of the partnership and two years later the name was changed from Westinghouse Motor Company to TECO Westinghouse.

Where TECO Westinghouse Motors are Used

TECO Westinghouse serves the oil & gas, petrochemical, mining, metals, and water/wastewater industries all over the world. TECO Westinghouse motors power HVAC equipment such as pumps, compressors, and fans, as well as

crushers and grinders in the mining and aggregate factories and rolling mills in metal production facilities.

TECO Westinghouse Motors

There are various types of industrial electric motors in the TECO Westinghouse product line, including both AC and DC motors for almost any application imaginable.

TECO Westinghouse Single-Phase Motors

TECO Westinghouse's line of single-phase motors include ODP and TEFC motors. Their HVAC single phase ODP motor is available in ¼ hp through 3 hp with speeds of 3,600 rpm and 1,800 rpm. They have two types of single-phase TEFC motors: a farm duty model and an HVAC model. Both are available in ¼ through 3 hp, with the farm duty available in only 1,800 rpm but the HVAC model available in both 1,800 rpm and 3,600 rpm.

TECO Westinghouse Three-Phase Motors

TECO Westinghouse also carries both ODP and TEFC three-phase motors. Their ODP three-phase motors include cast iron ODP NEMA premium, oil well pump, and three types of rolled steel motors. TECO Westinghouse rolled steel three-phase motors include the JP/JM NEMA premium, JP/JM EAct, and the NEMA efficiency. They also offer a wide variety of three-phase TEFC motors, including fractional horsepower, keyless shaft, crusher duty, and NEMA premium efficiency explosion-proof motors.

TECO Westinghouse Medium Voltage Motors

Medium voltage motors from TECO Westinghouse include ODP MAX WPI available in 100 hp through 2,000 hp and ODP Global WPI available in 100 hp through 1,000 hp. Both are available in speeds of 900, 1,800, 1,200, 1,800, and 3,600 rpm. TECO Westinghouse also offers TEFC motors: the Global Max TEFC (with power ranging from 500 hp to 2,000 hp) and the Global XPE (with power ranging from 100 hp to 2,000 hp).

TECO Westinghouse Vertical Shaft Motors

TECO Westinghouse makes both solid and hollow vertical shaft motors. Their vertical hollow shaft motors include both TEFC and WPI low voltage high thrust

and medium voltage high thrust motors, all with a “P” bases. Solid shaft motors include several types of low voltage normal thrust, low voltage high thrust, and medium voltage high thrust motors, all with a “P” base.

TECO Westinghouse Custom Motors

TECO Westinghouse offers several types of custom engineered and specialty motors at their facility in Round Rock, Texas. These include ...

- Induction motors from 250 hp to 30,000 hp
- Synchronous motors from from 2,000 hp to 100,000 hp
- DC motors with ratings from 250 hp to 35,000 hp

The customization services offered by TECO Westinghouse include everything from engineering, drafting, field service, manufacturing, and testing.

HECO and TECO Westinghouse

If you are in the market for a rugged industrial motor--especially if you need a custom electric motor--then TECO Westinghouse should be at the top of your list. At HECO, we can leverage our strong relationship with TECO Westinghouse to help you find exactly what you need, whether you need an explosion-proof motor for a petrochemical facility or a powerful motor for rolling steel.