

AC & DC Drill Motors

Wabtec Transportation Parts, LLC

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Proven Performance

Drilling Contractors have trusted Wabtec for over 60 years as their primary source for drill rig equipment AC & DC motor solutions.

Wabtec AC & DC Drill Motor Portfolio



1150 HP AC

5GEB22A, 5GEB22D, 5GEB22E

ATEX features, IP44, 587 vac

Blower ventilated

ABS, DNV

ATEX, IECEX, CAN/CSA, ANSI/UL

CE Mark



5GEB20B

Double shaft Extension, 587 vac

Top Drive application - ABS, DNV

ATEX, IECEX, CAN/CSA, ANSI/UL

CE Mark



5GEB22A-L, 5GEB22D-L, 5GEB22E-L

Non certified features

IP23, 587 vac

Blower ventilated



5GEB1150W

Offshore features, IP56, 587 vac

Water Jacket Cooled

ABS, DNV

ATEX, IECEX, CAN/CSA, ANSI/UL

CE Mark

1600 HP AC



5GEB28B, 5GEB29B

ATEX features, IP44, 577 vac

Blower ventilated

ABS, DNV

ATEX, IECEX, CAN/CSA, ANSI/UL

CE Mark

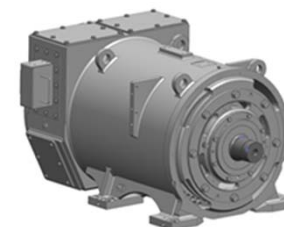
5GEB28B-L, 5GEB29B-L

Non-certified features

IP23, 577 vac

Blower ventilated

2000 HP AC



(Available 4Q 2020)

5GEB200

ATEX features, IP44, 577 vac

Blower ventilated

ABS, DNV

ATEX, IECEX, CAN/CSA, ANSI/UL

CE Mark



Factory Original 752 DC Motors

5GE752ARB

Series Wound

1085 hp

750 vdc

5GE752RB

Shunt Wound

1130 hp

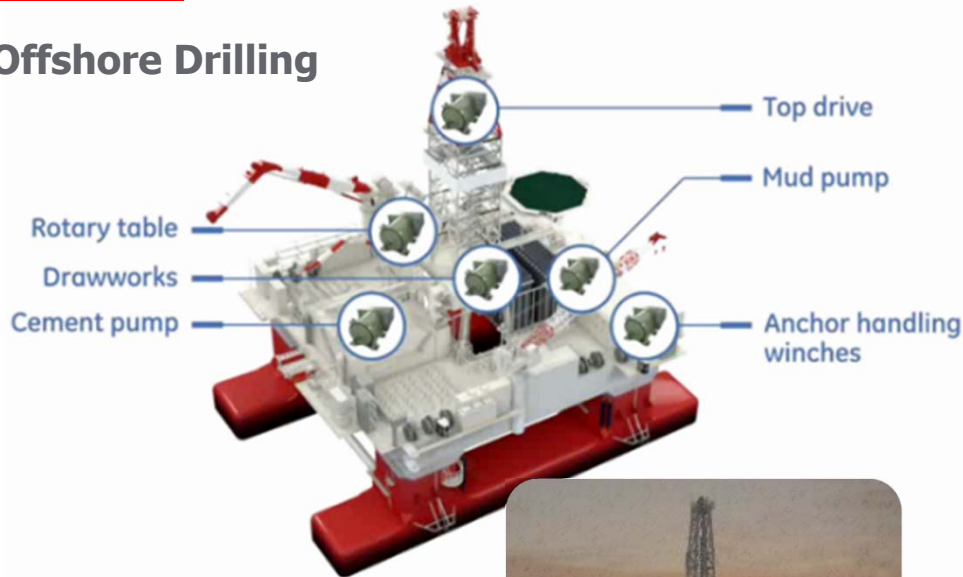
750vdc



Demanding Applications

Oil & Gas

- **Offshore Drilling**



- **Onshore Drilling**



Marine, Dredge & Industrial

- **Marine**

Propulsion, Winches, Thrusters

- **Dredge**

Cutters, Pumps, Winches

- **Industrial**

Conveyors, Mixers, Compressors, Pumps, Cranes



AC Motor Features

1150 – 2000 Horsepower, 690 vac

- **Wabtec manufactures rugged electric AC motors for the toughest applications in the oil & gas industry**

- Manufactured in Erie PA, USA for over 20 years
- Over 8,000 units shipped for operation by most global drilling contractors. Thousands more produced for Locomotive and Mining applications
- ATEX, IECEX, CAN/CSA, ANSI/UL hazardous area certifications
- ABS, DNV marine class certifications
- Tape heaters; 200 watts on each end for superior winding protection
- Power connection box field convertible (left to right side), with copper bar connections to the motor end rings.
- Form wound copper stator windings
- 4340 alloy steel – ABS certified motor shafts
- 20 year design life – 1.5 design margin



DC Motor Features

Series and Shunt Wound, 1085 – 1130 Horsepower, 750 vdc

- **No guesswork required. Performance characteristics of Wabtec's original 752 DC drilling motors have been proven time and time again on all major drill rig operations.**

- Manufactured in Erie PA, USA for over 60 years
- Over 20,000 units shipped for global drilling operations. Thousands more produced for Locomotive and Mining applications
- ATEX hazardous area certification – select models
- ABS marine class certification – select models
- Class H insulation, robotically taped, Mica-Kapton system
- 4340 alloy steel shafts





Engineered & Time Tested for Dependable Operation Around the World

How important is your rig's continued operation? What is the cost of your operations shutting down for a day? On land or offshore, that's a cost you can't afford.

Year after year, Wabtec has built thousands of AC and DC traction motors for the drilling industry. For decades, these motors have been engineered, manufactured and tested to Wabtec's most stringent standards in the harshest drilling environments.

