AC & DC Drill Motors
Wabtec Transportation Parts, LLC
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
Mark

5GEB20B
Double shaft Extension, 587 vac
Top Drive application - ABS, DNV
ATEX, IECEx, CAN/CSA, ANSI/UL
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
Mark

1600 HP AC
5GEB28B, 5GEB29B
ATEX features, IP44, 577 vac
Blower ventilated
ABS, DNV
ATEX, IECEx, CAN/CSA, ANSI/UL
Mark

5GEB28B-L, 5GEB29B-L
Non-certified features
IP23, 577 vac
Blower ventilated

2000 HP AC
5GEB200
ATEX features, IP44, 577 vac
Blower ventilated
ABS, DNV
ATEX, IECEx, CAN/CSA, ANSI/UL
Mark

(Available 4Q 2020)

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
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.