



Utilities



Gas & Oil



Substations



Industrial



Data Centers

INDUSTRIAL POWER

SGB-SMIT USA provides integrated electrical motor services for a wide range of industries. Our highly skilled team provides superior technical innovation, problem solving, and project management to satisfy all your industrial motor needs.

EQUIPMENT SERVICED

- Electric AC/DC motors
- Synchronous motors
- Hoist & crane motors
- Hermetic motors

REWIND, REBUILD, REPAIR

- AC/DC motor repair & rewind up to 40,000 lbs
- Test capabilities to run motors up to 4,160 volts
- Babbitt bearing rebuilds
- UL certified & explosion proof
- Redesign & upgrade services
- Authorized warranty repair for most major motor brands
- Dynamic balancing

ON-SITE SERVICES

- Commutator & slip-ring turning
- Motor & equipment repair
- Installation & removal
- Rewinding
- Laser alignment
- Dynamic balancing
- Cryogenic cleaning
- Commissioning & decommissioning
- Safety-focused workmanship

MECHANICAL REPAIR

- Shafts
- Dynamic clutches
- 60" machining capacity



[SGB-SMIT-USA.COM/MOTORS-DIVISION](https://www.sgb-smit-usa.com/motors-division)

Worldwide shipping & services from our shop located in Tennessee.

PREDICTIVE MAINTENANCE

Vibration analysis & laser alignment
Motor circuit evaluation testing using PdMA equipment

MANUFACTURING

Babbitt bearings
Slip rings

NEW EQUIPMENT SALES

Motors [all major brands]
Bearing isolators & seals
Electric motor parts & accessories
Replacement equipment: new & reconditioned

SPECIAL PROCESSES

Vacuum pressure impregnation [VPI]
Motor load testing
Core load testing
Motor conversion solutions
Controlled ovens for optimum winding
bake-out process
Motor winding detailed test reports

FACILITY CAPABILITIES

Crane capacity up to 20 tons
16' under crane hook clearance
Efficient process isolation for bake-out,
steam cleaning, blasting, winding,
painting, and assembly



READY TO WORK WITH US?
REQUEST A QUOTE TODAY!

