

Can't Find Magne-Blast Parts?

WES Has You Covered

For nearly 20 years, **Western Electrical Services, Inc. (WES)** has specialized in servicing, supporting, manufacturing, remanufacturing, and retrofitting low- and medium-voltage switchgear, including GE Magne-Blast switchgear and circuit breakers.

Can't find a replacement elevating or charging motor?
Are your gears and shafts shot? **WES** has your solution, including:

REPLACEMENT PARTS:

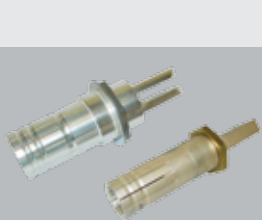
- Primary disconnect bottles
- Elevating mechanisms
- Elevating motor
- Charging motor
- Vacuum roll-in replacement for older air breaker designs

SERVICES:

- Remanufacturing
- Digital protection retrofit
- Field-testing diagnostics
- On-site repair
- Remote racking



Remanufactured
GE AM13.8-500-5H
1200-amp air-magnetic
circuit breaker



GE Magne-Blast replacement
bottle primary disconnects –
removable copper detail



GE Magne-Blast replacement bottles
with primary disconnects



GE Magne-Blast
elevating motor



GE Magne-Blast
charge motor



CBS ArcSafe Remote Racking System
RRS-3 MB-II purpose-built for
GE Magne-Blast



**WESTERN
ELECTRICAL
SERVICES, INC.**

Your Electrical Solutions Provider

A Group CBS Company

For more information about Group CBS and its affiliate companies, visit www.GroupCBS.com.

Toll-Free **888 395-2021**
www.WesternElectricalServices.com

Phoenix, AZ 85040
5680 SOUTH 32ND ST.

Sumner, WA 98390
14311 29TH STREET EAST

Salt Lake City, UT 84104
3676 W. CALIFORNIA AVE., BLDG C, UNIT 106

Vancouver, WA 98661
4510 NE 68TH DR., SUITE 122

Planned Maintenance? Magne-Blast Outage? Need an Upgrade?

WES Will Come to You

Worried about thousands of dollars in expensive downtime and replacement switchgear costs? Don't replace, rebuild. **Western Electrical Services** can bring our technicians and engineers to your site. If we don't have the replacement parts on hand for your Magne-Blast equipment, we can reverse engineer and manufacture all necessary gears, shafts, and motors.

WES services include:

- Electrical testing, including PD and Corona surveys
- Electrical power engineering
- Electrical equipment sales
- Repair, upgrade, & life extension
- Custom manufacturing
- Renewal, replacement parts



Above: WES's manufacturing capabilities and extensive parts inventory were on full display when it rebuilt all cubicles for more than a dozen Magne-Blast circuit breakers for a U.S. steel manufacturer. Left: GE Magne-Blast AM 13.8-750-2H 2000-amp with VCP-WR element air-magnetic circuit breaker that has been vacuum retrofitted.

U.S. Steel Manufacturer Turns to WES for Magne-Blast On-Site Rebuilds

A U.S. steel manufacturer recently planned on taking its hot-strip steel processing line down for seven days of maintenance. What the company didn't plan on was how hard it would be to find replacement parts for the GE Magne-Blast circuit breakers that powered the line.

Before the outage, the manufacturer put out the project bid to three companies—two of which bowed out. But thanks to extensive Magne-Blast part inventories and in-house machining and manufacturing capabilities, WES was able to rebuild all 14 cubicles for more than a dozen Magne-Blast AM 7.2-500 1200-amp and 2000-amp circuit breakers.

"We manufactured gears/shafts in our machine shop facility in Seattle, then shipped them overnight to the job site," says Ryan Herbst, SW apparatus supervisor at WES. "All new miter, spur, and pinion gears were manufactured or final machined in our Seattle facility prior to mobilizing to the job site for the rebuilding of the cubicles. All shaft bearings were replaced with off-the-shelf dimensionally matched bearings.

"They gave us seven days to do the job no one else would do," Herbst recalls. "We did it in five."



Your Electrical Solutions Provider

A Group CBS Company

For more information about Group CBS and its affiliate companies, visit www.GroupCBS.com.

Toll-Free **888 395-2021**
www.WesternElectricalServices.com

Phoenix, AZ 85040
5680 SOUTH 32ND ST.

Sumner, WA 98390
14311 29TH STREET EAST

Salt Lake City, UT 84104
3676 W. CALIFORNIA AVE., BLDG C, UNIT 106

Vancouver, WA 98661
4510 NE 68TH DR., SUITE 122