

**MID-WEST
MACHINE**

Stationary Grinder Model 6040S



Model 6040S Stationary Grinder - 90°



Cable Drive



Cable Take-Up

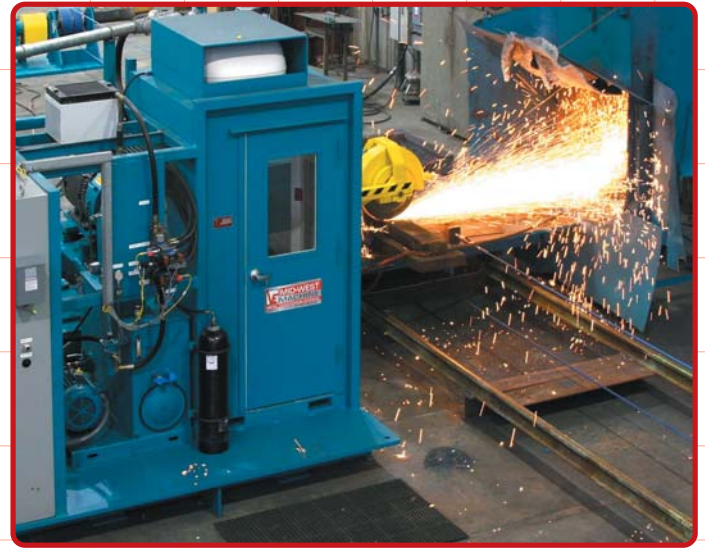
**MID-WEST
MACHINE**
**VE VULCAN
ENGINEERING CO.**

Equipment and Systems

METAL CONDITIONING SYSTEMS

**MID-WEST
MACHINE**

**Stationary Grinder
Model 6040S**



TECHNICAL SPECIFICATIONS FOR 6040S STATIONARY GRINDER:

Horizontal Stroke of Grinder Head.....	60"
Vertical Stroke of Grinder Head.....	40"
Grinding Wheel Size	24" x 3" to 4" x 12" or 25" x 3" to 4" x 12"
Grinding Wheel Force	0 – 2000 lbs.
Grinding Wheel Speed Typical for Titanium.....	12,500 SFPM @ 24" Ø or 13,000 SFPM @ 25" Ø
Grinding Wheel Speed typical for Steel Alloys	16,500 SFPM @ 24" Ø or 17,200 SFPM @ 25" Ø
Grinding Wheel Drive Standard	150-HP @ 1800 RPM
Grinding Wheel Drive Optional	200-HP @ 1800 RPM
Grinding Angle (Wheel to Work) Standard	90°
Grinding Angle (Wheel to Work) Optional	45°
Machine Weight	Approximately 30,000 lbs.
Overall Length	Approximately 177"
Overall Width.....	Approximately 128"
Overall Height.....	Approximately 115"
Motor Load Meter	Standard
Hydraulic Filter Fault Lights	Standard
Automatic Hydraulic Belt Tensioning	Standard
Automatic Motor Load Control.....	Standard
Automatic Index Control	Standard
Centralized Lubrication System	Standard
Operator's Cab Air-Conditioned/Heated	Standard
Pressure Scale	Standard
Hydraulic Tank Heater.....	Standard
Hydraulic System Heat Exchanger	Standard

Cars available:

- Billet clamping, manipulator for sides and corners
- Slab clamping, horizontal and vertical for edge grinding
- Rounds rotator for spiral grinding, longitudinal and spot grinding

Cable Drive systems for above cars:

- Utilizing vector drive for speeds of 1 inch/minute up to 200 feet/minute
- Hardened cable drum with two cable connections to car



Equipment and Systems

One Vulcan Drive • P.O. Box 307 • Helena, AL 35080-0307
Ph: 205-663-0732 • Fx: 205-663-9103 • sales@vulcangroup.com • www.vulcangroup.com

2 Ash Court • Walker Road • Bardonia, Coalville • Leicestershire, England LE67 1UD
Ph: +44 (0) 844 980 0812 • Fx: +44 (0) 844 980 1012 • sales@vulcan-europe.com • www.vulcan-europe.com

Room 3206-3208, Beijing Silver Tower No.2 • Dong San Huan Bei Road • Chaoyang District, Beijing
100027 Ph: (+86 10) 65544490/91/92 • Fx: (+86 10) 65544493 • lir@vulcangroup.com • www.vulcangroup.com