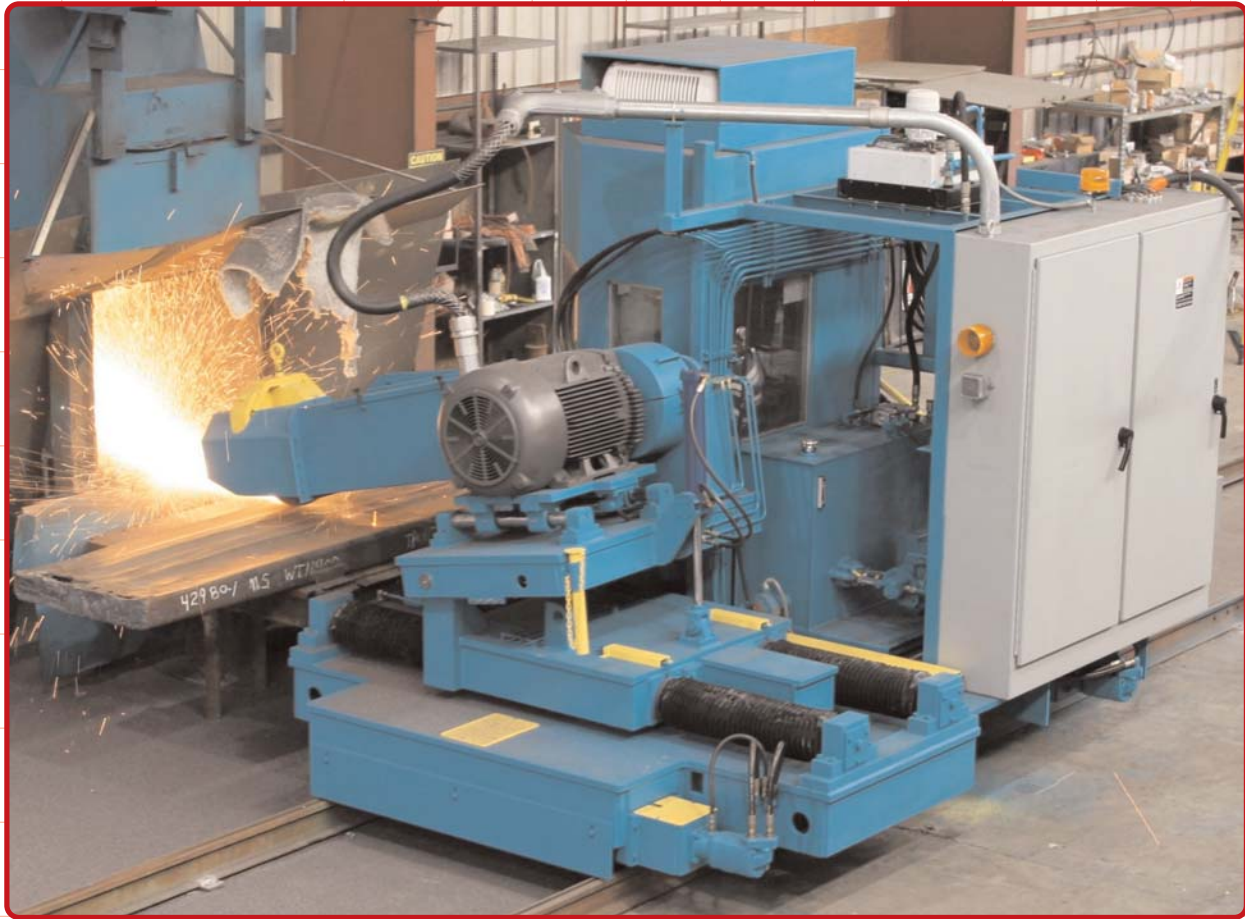
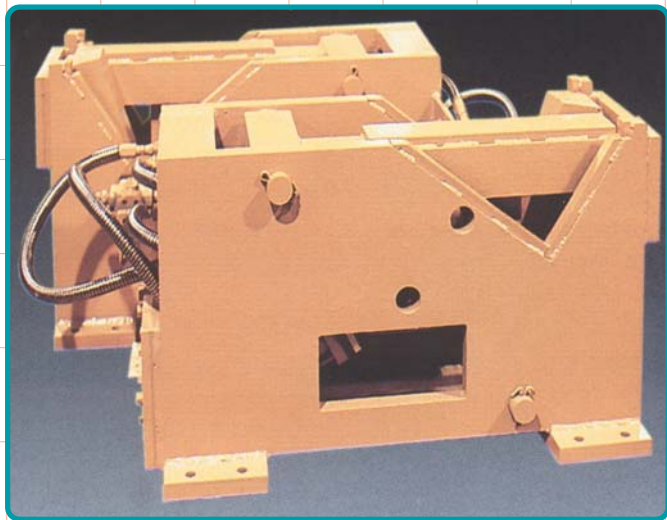


**MID-WEST  
MACHINE**

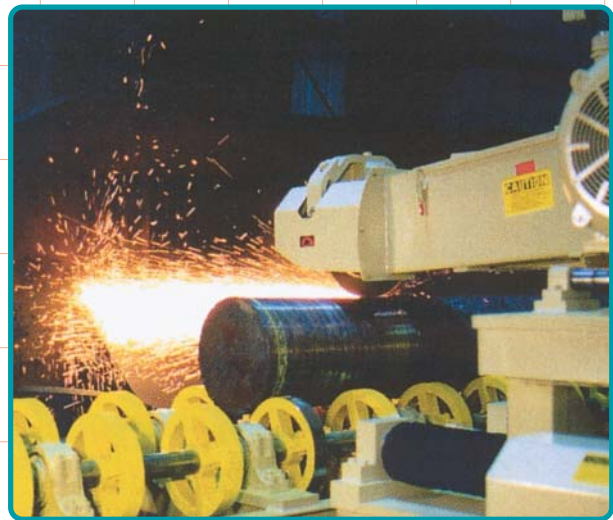
# *Traveling Grinder Model 6040T*



*Model 6040T Traveling Grinder - 90°*



*Billet Manipulator*



*Rounds Rotator*

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

*Equipment and Systems*

**METAL CONDITIONING SYSTEMS**

# **MID-WEST** *Traveling Grinder* **MACHINE** *Model 6040T*



**Model 6040T**



**Model 6040T-45**

**TECHNICAL SPECIFICATIONS FOR 6040T TRAVELING 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
Track Gauge.....	60"
Track Drive.....	2 Hydraulic Motors for 20 to 200 FPM
Slow Speed Track Drive Option.....	1 Hydraulic Motor for 8 to 240 IPM
Rail Specifications (rails not included).....	100# A.R.E.A. Rail
Grinding Angle (Wheel to Work) Standard .....	90°
Grinding Angle (Wheel to Work) Optional .....	45°
Machine Weight .....	Approximately 33,000 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

Material Handling Equipment 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

**MID-WEST**  
**MACHINE**



**Equipment and Systems**

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