

OGS

AGS

VBSP

Hole Cut

Plain End

Stainless Steel

Potable Water

Shouldered Steel

Ductile Iron

High Performance

Hydronic Balancing

HDPE

Aquamine™ PVC

CPVC/PVC

Specialty

Tools

Gaskets, Seals and O-Rings

Design Data

Reference Guide

Pipe Preparation Tools



Plant/Shop Fabrication Roll Grooving Tools

RG5200i

[Download publication 24.05](#) for complete information

- Fully-automated, hydraulic shop tool is shipped fully assembled with proximity scanner, control stand and rolls for standard grooving Schedule 10–40 pipe
- Available with stainless steel roll sets (4–12" | DN100–DN300)
- Enhanced tracking rolls help to keep the pipe on the tool during the roll grooving process
- Drive Requirements: self-contained
- Power Requirements: 208/240volt, 3-phase, 50/60 hertz standard; the tool can also be supplied for use with various global voltage connections, contact Victaulic for details
- 3-phase requires tool power to be hard wired by a local certified electrician
- Weight: 1300 lbs. | 590 kg



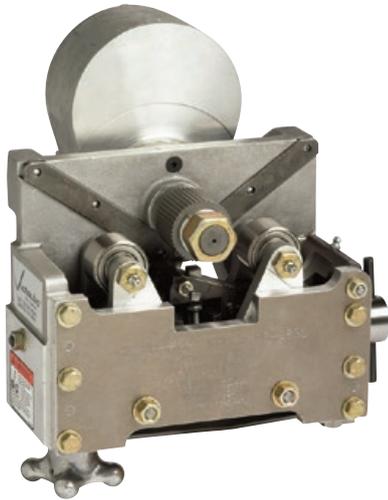
Field Fabrication Cut Grooving Tools

VG VIC-GROOVER

[Download publication 24.01](#) for complete information

- Cut grooves ¾–8" | DN20–DN200 pipe
- For grooving of Schedule 40 through 80 steel; stainless steel; aluminum and CPVC/PVC pipe; Class 53 Min ductile iron (size dependent)
- Designed for manual or power cut grooving
- Supplied with a ratchet handle for manual operation
- Drive Requirements: manual or external drive, min. ½ hp | 0.37 kw
- External power drives must meet all local/regional safety requirements
- Drive Speed: 40 rpm max.
- Weight: 28 lbs. | 13 kg

Pipe Preparation Tools



Field Fabrication Cut Grooving Tools

VG28GD (GEAR DRIVE)

VG28GD-ABR (ABRASION)

VDG26GD (DOUBLE GROOVE)

VG26GD-COR (CORROSION)

[Download publication 24.01](#) for complete information

- Cut grooves 2–8" | DN50–DN200 pipe
- For grooving of Schedule 40 through 80 steel; stainless steel and aluminum pipe; Class 53 Min ductile iron (size dependent)
- VG28GD will produce a single Victaulic® OGS cut groove for unlined piping systems
- VG28GD-ABR will produce a single *Victaulic* OGS cut groove that allows for lining of the pipe for abrasive services
- VDG26GD will produce a double *Victaulic* OGS cut groove for high pressure systems in conjunction with installing the 6" | DN150 Style 808 couplings
- VG26GD-COR will cut groove carbon steel pipe in preparation for being rubber lined and machined for abrasion and corrosion resistance
- The VG28GD, VG28GD-ABR, VDG26GD, and VG26GD-COR are designed to be driven by the Power Mule II
- Drive Requirements: external drive, min. 1½ hp | 1.12 kw
- Drive Speed: 38 rpm max.
- Weight: 37 lbs. | 17 kg

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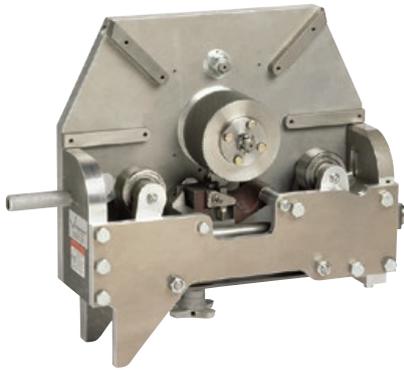
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Field Fabrication Cut Grooving Tools

VG824 (OGS)

VG824-ABR (ABRASION OGS)

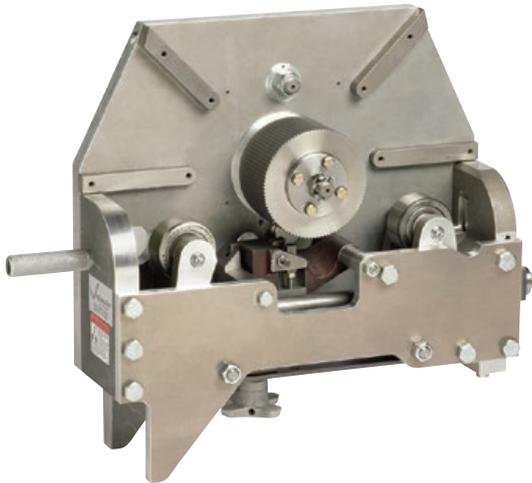
VG824DG (DOUBLE GROOVE)

VG824-COR (CORROSION OGS)

[Download publication 24.01](#) for complete information

- Cut grooves 8–24" | DN200–DN600 pipe
- For grooving of Schedule 30 through 80 steel; stainless steel and aluminum pipe; Class 53 Min ductile iron (size dependent)
- VG824 will produce a single Victaulic® OGS cut groove for unlined piping systems
- VG824-ABR will produce a single *Victaulic* OGS cut groove that allows for lining of the pipe for abrasive services
- VG824DG will produce a double *Victaulic* OGS cut groove for high pressure piping systems in conjunction with installing 8–12" | DN200–DN300 Style 808 couplings
- VG824-COR will cut groove carbon steel pipe in preparation for being rubber lined and machined for abrasion and corrosion resistance
- The VG824, VG824DG, VG824-ABR and VG824-COR are designed to be driven by the Power Mule II
- Drive Requirements: External drive, min. 1½ hp | 1.12 kw
- Drive Speed: 38 rpm max.
- Weight: 82 lbs. | 37.2 kg

Pipe Preparation Tools



Field Fabrication Cut Grooving Tools

VG828 (AGS)

[Download publication 24.01](#) for complete information

- Cut grooves 14–24" | DN350–DN600 pipe
- For grooving of .500–.750 wall steel pipe
- VG828 will produce a single Victaulic® AGS cut groove
- The VG828 is designed to be driven by the Power Mule II
- Drive Requirements: External drive, min. 1½ hp | 1.12 kw
- Drive Speed: 38rpm max.
- Weight: 82 lbs. | 37.2 kg



Field Fabrication Cut Grooving Tools

VG412 ORBITAL MACHINING TOOL

[Download publication 24.01](#) for complete information

- Cut grooves 4–12" | DN100–DN300 pipe
- For grooving of Schedule 40 through 80 steel; Class 53 Min ductile iron
- Specifically designed for field closure pieces (not suitable for production grooving)
- External mounting and drive action is particularly suited to cement lined ductile iron pipe grooving
- Hinged frame design allows cutting at any point along the pipeline
- Drive Requirements: 120 volt, 11.5 amp
- Weight: 151 lbs. | 69 kg