



## Field Fabrication Roll Grooving Tools

VE450FSD

[Download publication 24.01](#) for complete information

- Roll grooves 4–24" | DN100–DN600 pipe
- For grooving of Schedule 5, 10 and 40 steel; stainless steel; aluminum and PVC pipe; K, L, M and DWV copper tube (size dependent)
- The VE450FSD is designed for field production grooving and not continuous fabrication shop production grooving
- Enhanced tracking rolls help to keep the pipe on the tool during the roll grooving process, and quickly change upper roll design
- Lifting point to move the tool using a crane
- Frame can accept most forklifts
- Onboard storage for tool accessories
- Power Requirements: self-contained unit with two 220volt, single phase 50/60 hertz, 20amp integral gear motors to handle heavier loads, safety foot switch and power cord/plug
- Weight: 825lbs. | 374 kg



## Plant/Shop Fabrication Roll Grooving Tools

VE268

[Download publication 24.01](#) for complete information

- Roll grooves ¾–12" | DN20–DN300 pipe
- For grooving of Schedule 5, 10, 40 and 80 steel; stainless steel; aluminum and PVC pipe; K, L, M and DWV copper tube (size dependent)
- The fully-motorized, semi-automatic, electrohydraulic tool comes complete with safety guards and safety foot switch
- Equipped with a unique pivot arm design, making roll changes quick and easy, without removing shafts
- Enhanced tracking rolls help to keep the pipe on the tool during the roll grooving process
- Power Requirements: 220/440 volt, 3-phase, 60 hertz standard; the tool can also be supplied in various voltages, contact Victaulic for details
- 3-phase requires tool power to be hard wired by a local certified electrician
- Weight: 735lbs. | 333 kg

## Pipe Preparation Tools



### Plant/Shop Fabrication Roll Grooving Tools

VE414MC

[Download publication 24.01](#) for complete information

- Roll grooves 2–16" | DN50–DN400 pipe
- For grooving of Schedule 5, 10, 40 and 80 steel; stainless steel; aluminum and PVC pipe; K, L, M and DWV copper tube (size dependent)
- The fully-motorized, semi-automatic, electrohydraulic tool comes complete with safety guards and safety foot switch
- Roll changes are quick and easy, without removing shafts
- Enhanced tracking rolls help to keep the pipe on the tool during the roll grooving process
- Power Requirements: 220/440 volt, 3-phase, 60 hertz standard; the tool can also be supplied in various voltages, contact Victaulic for details
- 3-phase requires tool power to be hard wired by a local certified electrician
- Weight: 735 lbs. | 333 kg



### Plant/Shop Fabrication Roll Grooving Tools

50T

[Download publication 24.03](#) for complete information

- Roll grooves 14–78" | DN350–DN1950 pipe
- Wall thickness capability varies on size; Reference publication 24.03 for more details
- Production roll grooving tool designed for fabrication shop use
- Power Requirements: 380 volt, 3-phase, 60 hertz standard; the tool can also be supplied in various voltages, contact Victaulic for details
- 3-phase requires tool power to be hard wired by a local certified electrician
- Weight: 3800 lbs. | 1724 kg



## Plant/Shop Fabrication Roll Grooving Tools

VE460

[Download publication 24.03](#) for complete information

- Roll grooves 4–24" | DN100–DN600 pipe with Original Groove System (OGS)
- For grooving of Schedule 5, 10, 40 and 80 steel; stainless steel; aluminum and PVC pipe (size dependent)
- Roll grooves 14–60" | DN350–DN1500 pipe with Advanced Groove System (AGS)
- For grooving of .250–.500 wall carbon steel; Schedule 5S and 10S stainless steel (size dependent)
- The fully-motorized, semi-automatic, electrohydraulic tool comes complete with safety guards and safety foot switch
- Enhanced tracking rolls help to keep the pipe on the tool during the roll grooving process
- Support bases are required to groove pipe sizes 26" | DN650 and larger. Each support base is 12" | 305 mm in height and corresponds with a range of allowable pipe sizes it can groove
- Power Requirements: 220/440 volt, 3-phase, 60 hertz standard; the tool can also be supplied in various voltages, contact Victaulic for details
- 3-phase requires tool power to be hard wired by a local certified electrician
- Weight: 1500 lbs. | 680 kg

OGS

AGS

VBSP

Hole Cut

Plain End

Stainless Steel

Potable Water

Shouldered Steel

Ductile Iron

High Performance

Hydraulic Balancing

HDPE

Aquamine<sup>®</sup> 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: 208/240 volt, 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: 1300lbs. | 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: 40rpm max.
- Weight: 28lbs. | 13 kg