

# Victaulic® Roll Grooving Tool RG4200



Patent Pending

## 1.0 PRODUCT DESCRIPTION

### Grooving Capability

- 1"/DN25 Innovative Groove System (IGS)™
- 1 ¼ – 2"/DN32 – DN50 Original Groove System (OGS)

### Application

- Production roll grooving tool designed for fabrication shop use
- Designed to roll groove Schedule 7 – 40 carbon steel pipe.
- Supplied with IGS and OGS grooving heads

### Performance

Tool Ratings – Wall Thickness Range		Pipe Size (in/mm) Schedule			
Model	Pipe Material	1 DN25	1 ¼ DN32	1 ½ DN40	2 DN50
RG4200	Carbon Steel	0.07 – 0.13/1.78 mm – 3.30 mm Sch. 10 – 40 (IGS)	.07 – .14"/1.78 mm – 3.30 mm Sch. 7 – Sch. 40	.08 – .15"/2.03 mm – 3.81 mm Sch. 7 – Sch. 40	.08 – .15"/2.03 mm – 3.81 mm Sch. 7 – Sch. 40

### Weight

- 533 lb./242 kg.

## 2.0 CERTIFICATION/LISTINGS

Compliant with the Essential Safety Requirements of 2006/42/EC – EU Machinery Directive.

Product designed and manufactured under Victaulic's Quality Management System, as certified by LPCB in accordance with ISO 9001:2015.

## 3.0 SPECIFICATIONS

**Drive Requirements:** Self-contained

**Power Requirements:** 26 Amp, 200 – 240 VAC 3 phase, 50/60-Hz power supply

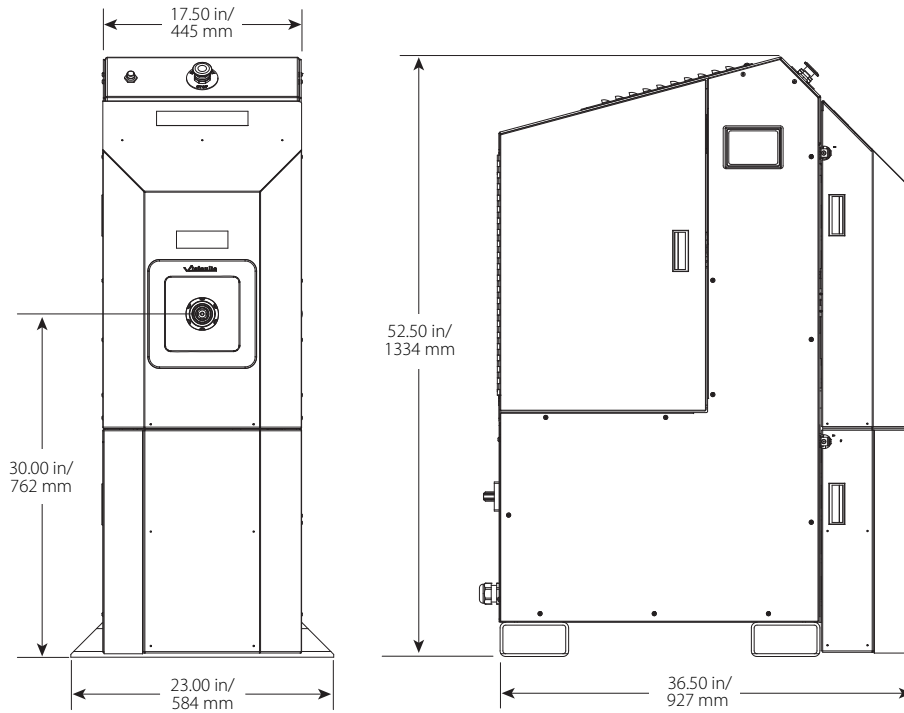
- Tool requires certified electrician for electrical connection
- For applications outside the United States and where a 400V supply is standard, a transformer will be supplied.

ALWAYS REFER TO ANY NOTIFICATIONS AT THE END OF THIS DOCUMENT REGARDING PRODUCT INSTALLATION, MAINTENANCE OR SUPPORT.

## 4.0 ACCESSORIES/REPLACEMENT PARTS

- One (1) RG4200 Tool
- Four (4) Tool Head Assembly
- One (1) Groove Diameter Cable
- Two (2) Operating and Maintenance Instructions Manual






## 5.0 DIMENSIONS

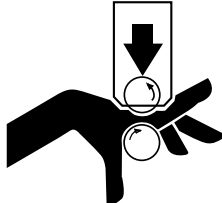


### NOTES

- 3 feet (1 meter) of space between wall and back of tool for maintenance operations is required. Select a location for the tool, control station, and pipe stand by taking into consideration a permanent indoor location with a level concrete floor.
- Bases are available as an option.

## 6.0 NOTIFICATIONS

! WARNING				
				
<p>Failure to follow instructions and warnings could result in serious personal injury.</p> <ul style="list-style-type: none"><li>• Before operating or servicing this tool, read all instructions in the operating and maintenance manual and all labels on the tool.</li><li>• Wear safety glasses, hardhat, foot protection, and hearing protection.</li></ul> <p>If you have questions concerning the safe and proper operation of this tool, contact Victaulic, P.O. Box 31, Easton, PA 18044-0031, Phone: 1-800-PICKVIC, E-Mail: pickvic@victaulic.com.</p>				

! WARNING

<p><b>Grooving rolls can crush or cut fingers and hands.</b></p> <ul style="list-style-type: none"><li>• Always disconnect the tool from the power source before making any tool adjustments.</li><li>• Make sure the guard is adjusted properly before grooving pipe.</li><li>• Loading/unloading pipe will place your hands close to the grooving rolls. Keep hands away from the grooving rolls and the roller on the pipe stabilizer during operation.</li><li>• Never reach inside the pipe ends or across the tool or pipe during operation.</li><li>• Never groove pipe that is shorter than the recommended lengths listed in the operating and maintenance manual.</li><li>• Never wear loose clothing, loose gloves, or anything that can become entangled in moving parts.</li></ul> <p>2244 Rev. D <span style="float: right;">R007276LBL</span></p>

- In order to achieve Victaulic specified product performance, the proper Victaulic roll grooving tool and corresponding Victaulic grooving head must be selected. Failure to select the appropriate Victaulic grooving head, or to use the correct Victaulic tool, may result in reduced performance or product failure. Tool specifications and capacities are listed with each tool.

## 7.0 REFERENCE MATERIALS

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[TM-RG4200: Operation and Maintenance Instruction Manual](#)

[I-100 Installation and Maintenance Manual](#)

[Vic-Easy Adjustable Pipe Stand -VAPS 131R](#)

[24.01: Pipe Preparation Tools Submittal](#)

[25.01: Victaulic Original Groove System \(OGS\) Specifications](#)

[25.14: Victaulic IGS Groove Specifications](#)

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### User Responsibility for Product Selection and Suitability

Each user bears final responsibility for making a determination as to the suitability of Victaulic products for a particular end-use application, in accordance with industry standards and project specifications, and the applicable building codes and related regulations as well as Victaulic performance, maintenance, safety, and warning instructions. Nothing in this or any other document, nor any verbal recommendation, advice, or opinion from any Victaulic employee, shall be deemed to alter, vary, supersede, or waive any provision of Victaulic Company's standard conditions of sale, installation guide, or this disclaimer.

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### Note

This product shall be manufactured by Victaulic or to Victaulic specifications. All products to be installed in accordance with current Victaulic installation/assembly instructions. Victaulic reserves the right to change product specifications, designs and standard equipment without notice and without incurring obligations.

### Installation

Reference should always be made to the Victaulic installation handbook or installation instructions of the product you are installing. Handbooks are included with each shipment of Victaulic products, providing complete installation and assembly data, and are available in PDF format on our website at [www.victaulic.com](http://www.victaulic.com).

### Warranty

Refer to the Warranty section of the current Price List or contact Victaulic for details.

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