

# 2022 **BLASTHOLE DRILLING**





***Over 20 years  
of design &  
manufacturing  
experience  
in the mining  
& drilling  
industry***

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# COMPANY OVERVIEW

## Introduction

Mammoth Technologies is a design & manufacturing corporation within the mining & drilling industry, creating a dynamic presence in the international market. The Mammoth Breakout Wrench drew attention to our innovative yet uncomplicated approach to problem-solving within the global market when we first introduced it in 1999. Development and product refinement and improvement is a continuous process in the business. Our product development drive has been shaped and guided by the requirements, needs & frustrations gleaned from our clients in the global market. This has led us to develop a reasonably priced range of durable, cost-effective products in the various sectors of the mining industry. They were designed for: improving safety; simplifying operation; lowering maintenance costs.

## Vision Statement

Our vision is to be a well-established brand in the mining & drilling industry, leading the way through safety, quality, service & price, driven by ethical standards and time tested values.

## Mission Statement

To produce better products that are affordable, safer to use and easier to work with. Better. Affordable. Safer. Easier.

## Expertise

Mammoth Technologies takes responsibility for all the phases of the process including conceptualization, market research, design, manufacturing & testing, through to distribution and service. All manufacturing (including process manufacturing) is done in-house.

# Contact Details

## Head Office

**Mammoth Technologies Pty Ltd**  
6689 Kotzenberg Street,  
Rosslyn, Pretoria, 0200, Gauteng

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## Witbank Branch

**Mammoth Technologies Pty Ltd**  
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Fax: +27 13 690 1587  
www.mammothtech.co.za

## Product Specialists

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**Kobie Rossouw**  
Mobile: +27 84 577 7862  
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## Managing Director

**Kim Ishwarlall**  
Mobile: +27 82 889 9992  
Email: kim@mammothtech.co.za

## Head of Sales and Marketing

**Graham Brandling**  
Mobile: +27 82 701 1296  
Email: graham@mammothtech.co.za

## Head of Technical and Design

**Juan Gouws**  
Mobile: +27 72 597 2659  
Email: juang@mammothtech.co.za

# International Distributors

## MOZAMBIQUE

**Mammoth International**

**Sam Maganya**  
Mobile: +258 84 930 4606  
Email: sam@mammothinternational.co.mz  
Web: www.mammothinternational.co.mz

## AUSTRALIA

**Mammoth Drill Tools Australia**

**Paul Fooks**  
Mobile: +61 427 475546  
Email: paul.fooks@mammothdrill.com.au  
Email: info@mammothdrill.com.au  
Web: www.mammothtech.co.za

## BRAZIL

**Mammoth Drill Tools Brazil**

**Fillipi Guerra**  
Mobile: +55 (31) 9 9970 2501  
Email: fillipi@mammothdrilltools.com.br  
Web: www.mammothdrilltools.co.br

## PERU

**Mammoth Milalion SAC**

**Cesar D. Rodriguez Manrique**  
Mobile: +51 995 510 002  
Email: cesar.rodriquez@mammothmilalion.com  
Web: www.mammothmilalion.com

## USA/CANADA

**HD Drilling Resolution**

**Daniel Rosenbach**  
Mobile: +1 214-542-9665  
Email: info@hd-drillres.com  
Web: www.hd-drillres.com

## BOTSWANA

**Site Office**

**Ronnie Van der Nest**  
Mobile: +267 74 889 552  
Email: ronnie@mammothtech.co.za  
www.mammothtech.co.za

# Regional Joint Ventures

## MOKOPANE REGION

### Letona Holdings

#### Phill Kgaphola

Mobile: +27 78 437 6832

Tel: +27 15 280 0156

Email: admin@letonaholdings.com

Website: www.letonaholdings.com

## AUSTRALIA

### Mammoth Drill Tools Australia

#### Paul Fooks

Mobile: +61 427 475546

Email: paul.fooks@mammothdrill.com.au

Email: info@mammothdrill.com.au

Web: www.mammothtech.co.za

# Local Distributors

## NORTHERN CAPE

### Nsimbi Equipment Traders

#### Craig Dube

Mobile: +27 76 491 6951

Tel: +27 11 446 5775

Email: c.dube@nsimbiequipment.com

Web: www.nsimbiequipment.com

## NORTHERN CAPE

### Mammoth Drill Tools Northern Cape

#### Orbed Petrus

Mobile: +27 73 202 4055

#### Whitey Thomas

Mobile: +27 82 577 9677

## Distributor/Agent

Name: \_\_\_\_\_

Mobile: \_\_\_\_\_

Email: \_\_\_\_\_

# Mammoth Services

Mammoth Technologies offers a wide range of versatility in our field of expertise.

## General Services

- R&D
- CAD drawings, 3D/solids, simulations and more
- Innovative solutions to relative problems
- Conceptualization
- Hydraulic Design
- Electrical Design
- Application Specific Hardware Design
- Application Specific Software Design
- Manufacturing
- Process Manufacturing
- Reverse Engineering
- Patent Searches / Patents Processing
- Specific problem solving and research
- Product marketing solutions

## Innovative and Consumable Services

- Servicing and repairs of Mammoth innovative products
- Breakout benches for breaking of tight joints, due to tension build up during drilling
- Straightening and repairs of drill rods



Repairs/Services/Refurbishment

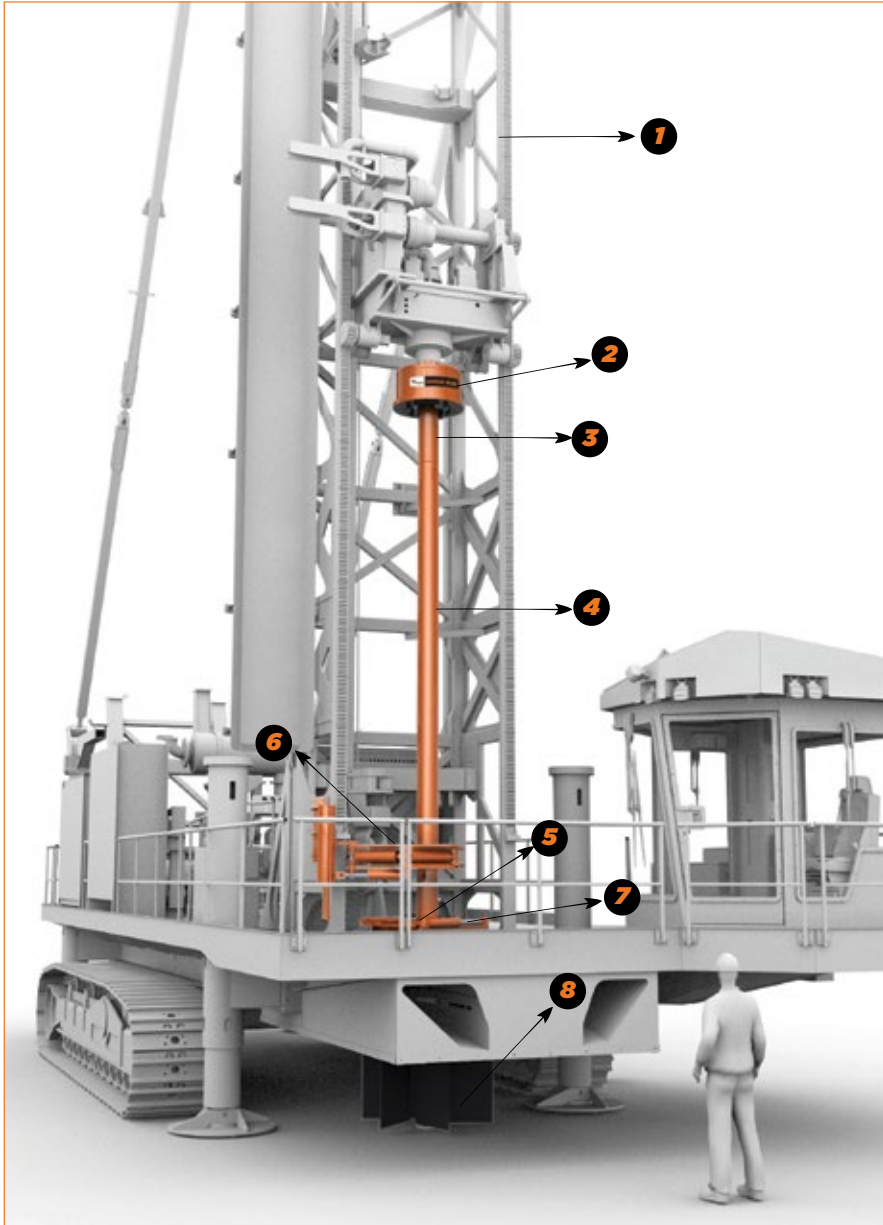
[repairs@mammothtech.co.za](mailto:repairs@mammothtech.co.za)

For all general repairs, services, and refurbishments on Mammoth products, including existing products, regardless of manufacturer or origin.

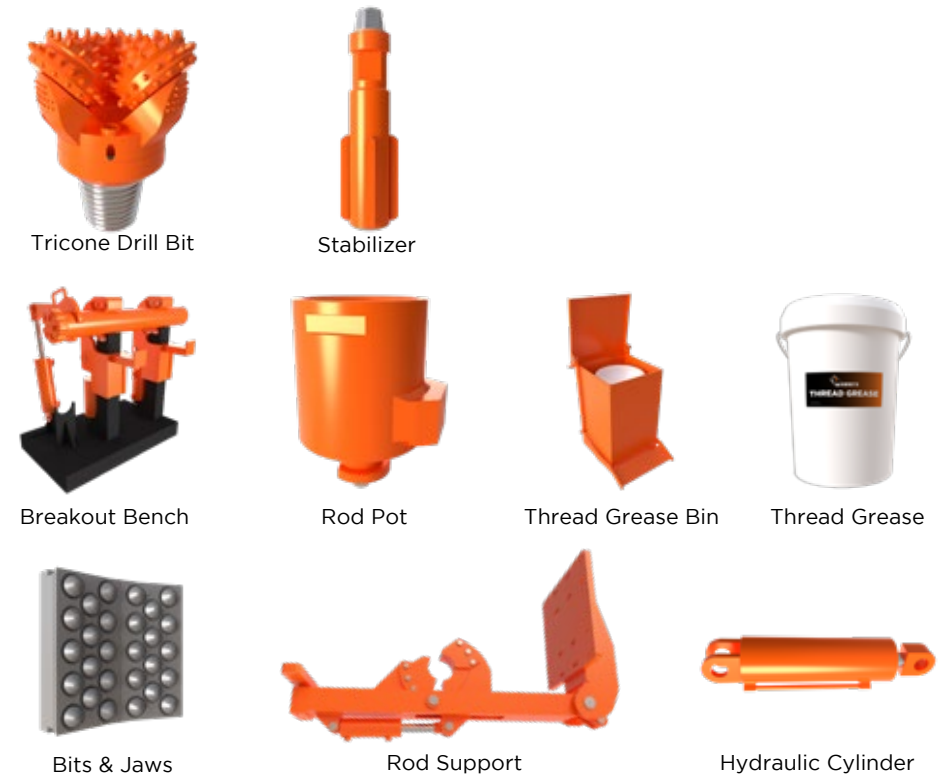
## Product Quality

Because of our uncompromising commitment to safety, quality and functionality it is essential that only approved genuine parts and consumables are used on the Mammoth product range.

# Product Map

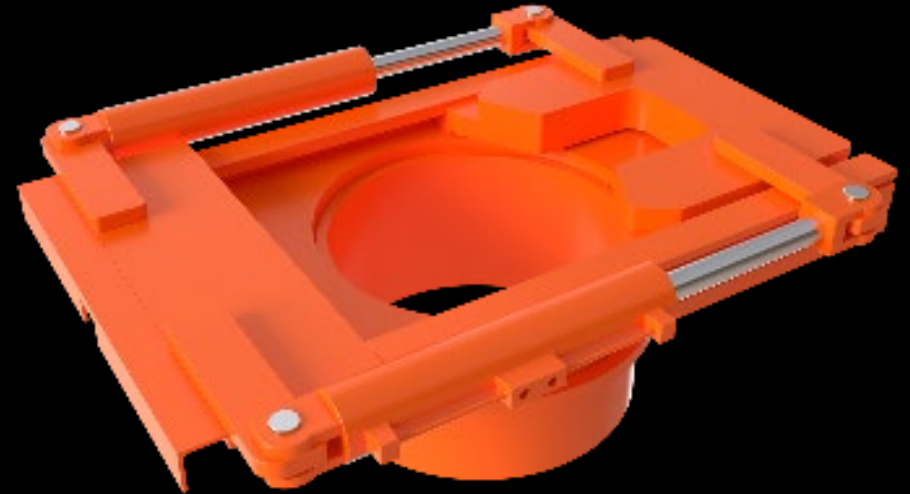


# Product



**01**

**MAMMOTH  
STEM LOCK**





# Mammoth Stem Lock

The Mammoth Stem Lock is designed and manufactured to secure the drill string securely, enabling the breakout of the drill rod and bit.

The Mammoth Stem Lock can be manufactured to individual requirements and specifications.

## Requirements from Customer

- Drill manufacturer
- Drill model
- Drill rod diameter
- Spanner-flat size

## Benefits of the Mammoth Stem Lock

- Quality manufacturing
- Durability for best performance
- Produced to our standard quality manufacturing procedures

## Stem Lock works with Flanders Automation System

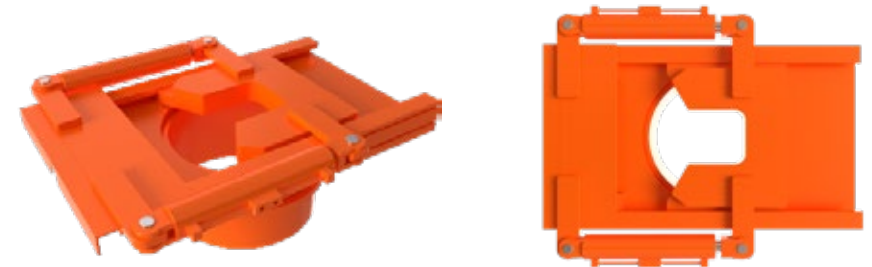


# Technical Specifications

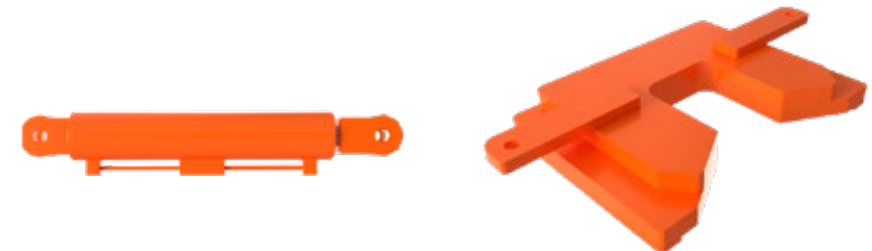
## PV351 Stem Lock in the open position



## PV351 Stem Lock in the engaged position

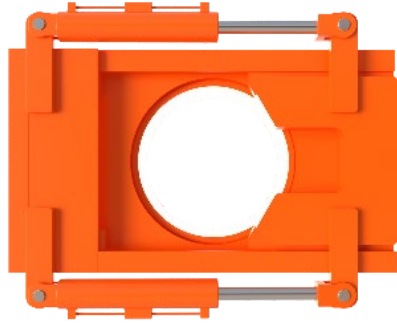


## PV351 Stam Lock Fork & Cylinder

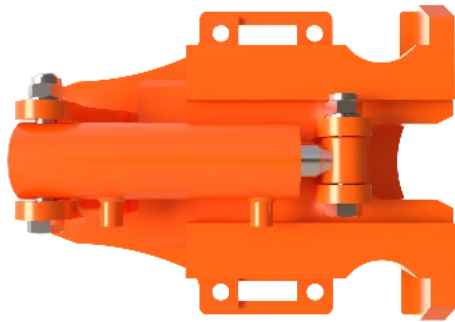




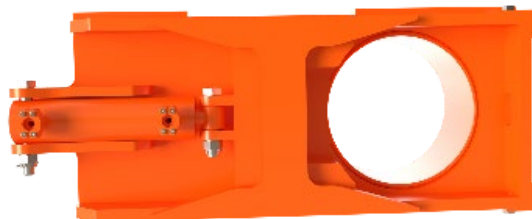
## PV351 Type Stem Lock



## DM30 Type Stem Lock



## PV271 / PV275 Type Stem Lock



## Operating Sequence



Stem Lock  
Rest Position



Align Drill Rod Flats With  
Fork



Engage Stem Lock



Rotate Drill Rod,  
Separate Connection

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