





### Manual & Hydraulic Squeeze Off Tools

### **SQUEEZE OFF FEATURES**

### **INDEXABLE GAUGE PLATES**



Most Manual & Hydraulic squeeze off tools feature positive locking, indexable gauge plates for easy selection of size & SDR to ensure a proper squeeze.

### AIRCRAFT GRADE ALUMINUM



Squeeze bars on most manual & hydraulic tools are CNC machined to exact specifications using high quality aircraft grade aluminum.

### **SLIDING TORQUE BAR**

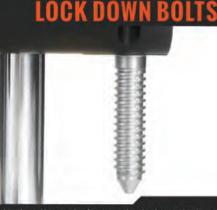


Torque bar on manual tools allow for maximum leverage and can be removed if necessary to accommodate tighter applications.

### SWING-OUT/LOCK-IN BARS



The unique lock-in / swing-out bottom bar design allows for quick & easy access to the pipe, even in confined spaces.



Hydraulic tools feature lock down bolts on each side of the squeeze bars to ensure a squeeze is maintained even when hydraulics are removed.

### **GROUNDING SPIKES**



All squeeze tools include grounding spike to protect the tool and operator from static discharge.

### LIFETIME WARRANTY!



For **1/2**" to **3/4**" PE Pipe 1.51bs / Height 2.5" / Width 10" ASTM Approved

Standard Jaw Stops 1/2" CTS (SDR 7) 1/2" IPS (SDR 9.33) 3/4" CTS (SDR 9.8) 3/4" IPS (SDR 11, 11.5)



### For 1/2" to 1-1/4" PE Pipe 4.5lbs / Height 8.5" / Width 8" ASTM Approved

**Standard Gauge Plate Stops** 

1/2" CTS (SDR 7) 1/2" IPS (SDR 9.33) 3/4" CTS (SDR 9.8) 3/4" IPS (SDR 11, 11.5) 1" CTS (SDR 11, 11.5) 1" IPS (SDR 11) 1-1/4" (SDR 9.33, 10)

WARNIN

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Footage

### For **1/2**" to **2**" PE Pipe **9.5lbs / Height 12**" / Width 6.5" ASTM Approved

#### **Standard Gauge Plate Settings**

1/2" CTS (SDR 7) 3/4" IPS (SDR 11) 1" CTS (SDR 11, 11.5) 1" IPS (SDR 11) 1-1/4" (SDR 10) 1-1/2" (SDR 11) 2" (SDR 11)



For **1**" to **4**" PE Pipe 27lbs / Height 19.5" / Width 10.5" ASTM Approved

2" 3" (SDR 11, 11.5, 13.5) 4" (SDR 11, 11.5)

### For 1/2" to 2" PE Pipe Weight 28lbs / Height 5' ASTM Approved

#### **Standard Gauge Plate Settings**

1/2" CTS (SDR 7) 3/4" IPS (SDR 11) 1" CTS (SDR 11, 11.5) 1" IPS (SDR 11) 1-1/4" (SDR 10) 1-1/2" (SDR 11) 2" (SDR 11)

# For 2" to 6" PE & HDPE Pipe 50lbs / Height 20" / Width 13.5" Worm Gear Operated ASTM Approved

 $\mathbf{(400)}$ 

**Standard Gauge Plate Settings** 

2" (SDR 11) 3" (SDR 11, 11.5, 13.5) 4" (SDR 11, 11.5, 13.5) 6" (SDR 11, 11.5, 13.5, 21)

### For **1**" to **4**" PE & HDPE Pipe 42lbs / Height 19.5" / Width 10.5" Pump Required: Model C148-28 ASTM Approved

**C**177

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Standard Gauge Plate Settings 1" IPS (SDR 11) 1-1/4" (SDR 10, 11, 11.5) 1-1/2" (SDR 11) 2" (SDR 11, 11.5) 3" (SDR 11, 11.5, 13.5) 4" (SDR 11, 11.5)

### $\mathbf{C600}$

### For **2**" to **6**" PE & HDPE Pipe 75lbs / Height 20" to 29.4" / Width 19" Pump Required: Model C148-355 ASTM Approved

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#### **Standard Gauge Plate Settings**

2" (SDR 11) 3" (SDR 11, 11.5, 13.5) 4" (SDR 11, 11.5, 13.5) 6" (SDR 11, 11.5, 13.5, 21)

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Footage

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For **4**" to **8**" PE & HDPE Pipe 1231bs / Height 27" to 39.5" / width 22" to 26.5" Pump Required: Model C148-355 ASTM Approved

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#### **Standard Gauge Plate Settings**

4" (SDR 9, 11, 11.5, 13.5) 6" (SDR 9, 11, 11.5, 13.5, 21) 8" (SDR 9, 11, 11.5, 13.5, 21)

### For 8" to 12" PE & HDPE Pipe 525lbs / Height 37" to 51" / Width 34" Pump Required: Model C1200-25 ASTM Approved

C1200

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**Standard Gauge Plate Settings** 8" (SDR 9, 11, 11.5, 13.5) 10" (SDR 11, 11.5, 13.5, 15.5) 12" (SDR 9, 11, 11.5, 13.5, 15.5)

For **3/4**" to **2**" Anodeless Gas Risers 45lbs / Height 18" / width 7.2" Pump Required: Model C148-165EG ASTM Approved

# **C36**S



**86 Tons of Squeezing Force** For **3**" to **6**" STEEL Pipe 260lbs / Height 31" / Width 23" Pump Required: Model C1200-25 **ASTM** Approved

# **C812**\$

**188 Tons of Squeezing Force** For **8**" to **12**" STEEL Pipe 920lbs / Height 43" / Width 36" Pump Required: Model C812S-AK1 ASTM Approved

### **SQUEEZE OFF PUMPS**

#### C148-28



Lightweight single stage hydraulic hand pump c/w pressure gauge and 8' hose. For model C177-A2

#### C1200-25



Air/Hydraulic pump kit,foot operated c/w controlled release valve,pressure gauge and 20' hoses. For model C1200-A2 & C36S-A1

#### C148-355



Pump kit w/ controlled release valve,pressure gauge and 8' hoses. For model C600-A002 & C850-A1

#### C148-165EG



Lightweight single stage hydraulic hand pump c/w pressure gauge lock out needle valve and 15' hose. For model C165-AK1



Air/Hydraulic pump kit,lever operated c/w filter/lubricator. For model C812S-A1



### **BIG SHOT** Underground Piercing Tools

### **BIG SHOT FEATURES**

### **CHROMOLY STEEL BARRELS**



Chromoly steel barrels are deep hole bored from solid billets to provide added strength and longer service life.

### **COATED PISTON DESIGN**



Big Shot pistons are treated with a corrosion resistant phosphate coating to improve performance and reduce maintenance.

### **REDUCED MIDSECTION**



All big shot barrels are undercut in their mid-section to reduce resistance and increase speed.

#### **URETHANE SHOCK ABSORBERS**



Cartidge style urethane filled shock absorbers provide effective dampening and are easy to replace.

### INDUSTRY LEADING 3 YEAR WARRANTY!



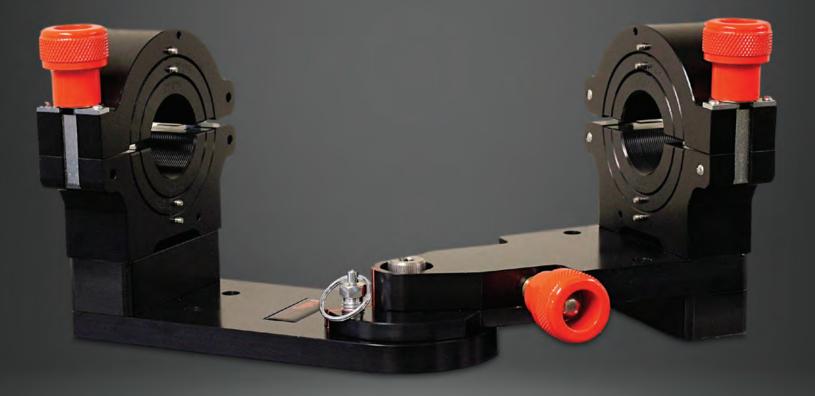
ESHOT

EIGSHOT

### 4 models to choose from:

U215 Diameter: 2" Weight: 23lbs Length: 35" U262 Diameter: 2.5" Weight: 56lbs Length: 55" U300 Diameter: 3" Weight: 75lbs Length: 55" U400 Diameter: 4" Weight: 108lbs Length: 59"

### **A**400 2"-4" Alignment Clamp



Complete with **2**" IPS & **3**" IPS Inserts Designed to work with coil pipe

#### Alignment Clamp Features

- Straight, 45° & 90° Positions
  10° Fine Adjustment (+-5°)
  Aircraft Grade Aluminum

### PPEPULLERS



1/2" CTS through 2" IPS For MDPE & HDPE Pipe PE Pipe Pullers Sizes 1/2" (SDR 11) & 1" (SDR 13.5) CTS 3/4" (SDR 11/11.5), 1" (SDR 13.5), 1-1/4" (SDR 11/11.5) & 2" (SDR 13.5) IPS



# Energy Systems

### making a measurable difference

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