



## HYDRAULIC CYLINDER REPAIR BENCH

*Harnessing the Power of Hydraulics  
to Repair Hydraulics Cylinders*



**Did you know heavy-duty cylinder repair doesn't have to be backbreaking, dangerous, or messy?**

### ***Our Story: From Machining Parts to Revolutionizing Cylinder Repair***

Back in 1982, we started as a small parts machining business. By 2010, we had expanded into rebuilding hydraulic cylinders. As demand grew—and the cylinders coming through our doors got bigger—we quickly realized the limitations of existing repair benches. Speed, safety, and efficiency were no longer optional—they were essential.

In 2013, frustrated with the cylinder benches available on the market, we set out to design something better. That's when the Cylinder Cyclone was born—engineered from the ground up to deliver unmatched performance in speed, safety, and reliability.

Before long, other hydraulic shops saw what we had built and started asking, “Can

you make one for us too?” What started as a solution to our own challenge became a product in high demand.

Since then, relentless innovation has propelled the Cylinder Cyclone forward. While today's models still carry the DNA and vision of the original, they've evolved into a truly revolutionary solution for hydraulic cylinder professionals.

We now offer the Cylinder Cyclone in two models, each with specialized upgrade options to suit your workflow. Like you, we understand the value of investing in purpose-built tools—tools that set your shop apart, serve your customers with confidence, and establish your reputation as the go-to hydraulic authority in your region.

***Come see what the Cylinder Cyclone can do for your shop.***

# WHAT MAKES THE CYLINDER CYCLONE A SMART INVESTMENT?

*Discover the difference that sets us apart.*



*Cylinder Cyclone CC-2050*

- **Fully bidirectional torque head, face plate.** For loosening or tightening cylinder components. Up to 60,000ft-lbs available torque. No need to rotate the torque head on its base to go from clockwise to counterclockwise.
- **Continuous full length linear travel along the length of the machine.** Up to 20,000 ft-lbs available push and pull force. Powered by twin high performance ball screws.
- **Adjustable low to high-speed travels, with precise pressure control.** You control the speed and force needed for each step.
- **Integrated pressure test system,** from 0-4000 psi. Internal leak by detection, with on-screen graphs. Test your repairs before removing the cylinder from the machine.
- **Digital readouts on all functions.** Know exactly what the machine is doing at all times.
- **Overhead skyhook for easy placement and stability.** Hang the cylinder on the machine centerline, for perfect assembly/disassembly alignment.
- **Wireless remote control.** Operators can position themselves for optimal safety, and unmatched line of sight capabilities.
- **Custom made tooling.** An extensive lineup of tools, created to expedite operations for any type of cylinder.
- **ROI friendly.** Maximize ROI with integrated job tracking and optimized 'bench charges'—calculated at 5—6x your shop rate. Our swift operations and precision testing ensure high-margin efficiency while maintaining fair, consistent pricing for your customers.
- **Expands your customer base.** Increase your clients confidence that you can service their needs. A job done quickly, accurately, and efficiently makes a returning happy customer.

# MACHINE SPECIFICATIONS

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**CC-2050:** Torque capacity- 50,000 foot pounds of loosening torque and 37,500 foot pounds of tightening torque

**CC-2060:** Torque capacity- 60,000 foot pounds of loosening torque, and 50,000 foot pounds of tightening torque



**DIMENSIONS:** 25'6" long, 54" wide, 10'6" high (can be extended 12' or 24' with available ExtendaClone feature)

**WEIGHT:** Standard machine approximately 13,000 pounds.

**OPERATING SPECIFICATIONS:** 24" swing and 20' center to center working dimensions on standard units, with 12' and 24' extensions available.

**OIL CAPACITIES:** Main machine system-30 gallons. Pressure test system- 55 gallons. Waste oil system, 250 gallons. 12' ExtendaClone adds 200 gallons, 24' ExtendaClone adds 400 gallons.

**MOTOR:** 208/230/460v 3-phase motor, optional single phase 230v with VFD or 600 volt 3-phase.

# KEY FEATURES

## AccuraTorque Head

*The head stock that accurately and efficiently tightens and loosens nuts and other components on the cylinder being repaired.*

**Provides up to 50,000** (60,000\*) foot pounds of loosening or 37,500 (50,000\*) foot pounds to tighten nuts on cylinders with an infinite pressure control between 0 and 50,000 (60,000\*) foot pounds of torque.

**Fully bidirectional head rotation.** Pressing a button reverses the direction of rotation without changing tooling or drive mechanism so a “sticky” nut can be worked on or off to prevent galling.

**Rotation speed** is completely controllable from the remote and is adjustable from 0-30 rpm.

**Torque can be preset from remote** to ensure proper torque as well as prevent over-tightening nuts. When machine is set properly, it will stall before destroying cylinder parts.

**Deluxe torque readout** for all functions of the operation. Direct reads of foot pounds of torque and pounds of linear push and pull.

\*on the CC-2060 model



## Hydraulic System

*Two separate systems to eliminate cross-contamination.*

The main system of the 2050/60 model is operated by a pressure-compensated, closed-center pump, delivering 0 to 20 gpm and up to 3,175 psi for fast and responsive performance. (Model CC-2060 delivers up to 3,400 psi.)

The pressure testing system features a 11.5 gpm HiFlow pump with 4,000 psi of available pressure.

The hydraulic system is safeguarded with suction strainers and 10-micron return filters. It includes screened and capped fill ports, along with a low oil warning light and alarm system for added protection.

## Rapid Travel Features

Rapid pull/push capability of up to 30 feet per minute for the full length with non-stop travel.

Rapid travel applies to both rotary and linear as well as infinite pressure control in both these functions.

0-20,000 foot lbs. of pull/ push capability between the head and tail stock of the machine.

*Features a digital touchscreen that automatically toggles between force, torque, and pressure testing with optional metric readouts.*





## Electronic and Remote Controlled

The Cylinder Cyclone comes with state-of-the-art electronics. Remote control gives the operator complete control over every operation of the machine, all while standing at a safe location. Each machine comes with two wireless remote controls.



## Pressure Test System

*A system for pressure testing hydraulic cylinders after they have been resealed*

Conveniently test cylinder seals before removing the cylinder from the bench. Pressure is variable adjustable from 0 to 4,000 psi at the push of a button on the remote. Pressure gauges reveal problem areas such as piston seal leaking, before the cylinder is removed from the bench.

When test indicates the cylinder is repaired, pushing the purge button removes the pressure, allowing for easy purging of test oil from cylinders.

## Miscellaneous Features

**Quick tooling change out** with finger operated quick release pins. This versatile system saves on time and makes an operator friendly system—most tooling is interchangeable between head and tail-stock eliminating the need for repetitive tooling. (See page 14 for full line of special made tooling.)

**Resettable job timer** is integrated with the touch screen, tracks work order time only when the machine is running. This allows for accurate "bench charge" billing—typically 4-6 times the standard shop rate—while providing customers significant savings compared to manual cylinder servicing. The Cylinder Cyclone often cuts costs in half for large cylinders and quickly pays for itself.

**The drain pan runs the full length** of the machine with sloping way rails to efficiently collect all waste oil and maintain a clean and safe work area.

**Machine is lit** with LED lighting system.

When machine is set properly, it will **stall before destroying** cylinder parts.

## Center Pipe Construction

*A large pipe runs the entire length of the machine*

The central pipe gives the Cylinder Cyclone the strength and stability to handle even the toughest cylinders—no floor prep or bolting required. All torque forces are self-contained, so the machine won't flex or twist, even under high loads. Need to move it? Just unplug, relocate, and plug it back in.

The pipe also houses three reservoirs: a 250-gallon tank for waste oil, a 30-gallon tank for system operations, and a 55-gallon tank for filtered oil used in pressure testing.



## Sky Hook

*Comprised of two rolling chain hoists hanging from integral overhead crane rail system*

- Center lined to ensure perfect alignment during assembly and disassembly.
- Overhead shop crane no longer is a necessity.
- Components hanging from straps on chain hoists ensure fewer damaged parts.
- Sky Hook system can safely handle cylinders that weigh up to 3 tons.
- Safety shut off is now a standard feature of the Sky Hook, to protect against overload.

# OPTIONAL ACCESORIES

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An optional tool cart with a full line of accessories that is available for purchase. As photos indicate we offer a full line of sockets, custom designed spanner wrenches, quick couple pressure test fittings and other tooling.

## Tool Caddy

*6' by 3' footprint*

Compact Storage for the specialized tooling including:

- $\frac{3}{4}$ " - 6" sockets
- Socket drive system
- Eye grab cone system (3 sizes)
- External Dual Pin Spanner
- External Tri Pin Spanner
- Torque Head Pipe Vise
- Pipe vise jaws (3 sizes)
- Pressure test adaptor fittings and indexed storage
- Pressure test hoses
- Face Spanner (8 sizes)
- Extra space in box and frame for additional tools



# OPTIONAL ACCESORIES

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We have received some requests for accessories that accommodate larger cylinders. The following two adaptations enable the Cylinder Cyclone to service larger cylinders.

## Oversized Tailstock

*The Oversized Tailstock is an option for shops that need to service larger cylinders. The Regular Tailstock allows rods up to 8". The Oversized Tailstock allows rods up to 15".*

Key Features: Removable insert that reduces slot size to standard, to eliminate 2 tail stocks!



## The Extenda Clone

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The Extenda Clone is a simple add on that enables shops to service longer cylinders. It can be purchased in the 12' extension or in the 24' extension. The 12' extension gives a 32' center to center distance, while the 24' extension gives a 44' center to center distance. The sky hook extends the full length of the extenda clone.

# TOOLING PACKAGES

To simplify purchasing, we've created tooling packages tailored to specific shop needs. Find the right package for your shop and streamline your buying process.

**A - Basic Startup Package**

**B - Basic Plus Package**

**C - Elite Package**

**D - Platinum Package**

**R - Replacement Parts**

*For the latest pricing on all parts and packages, or to print out a Purchase Order, see [cylindercyclone.com/contact-us](http://cylindercyclone.com/contact-us)*

## BASIC TOOLING

Designed for the small shop on a limited budget which services small and medium sized cylinders.



### ITEM NUMBER

### DESCRIPTION

#### SOCKET DRIVE SYSTEM

3" - 1" Adapter Drive	Adapter to Drive 1" Tooling
3" Hex Drive Plate	Tooling to Drive 3" Hex Sockets

#### PIPE VISE JAWS

Pipe Vise Kwik Nut	Nut System for Torquing Pipe Vise Jaws
Medium Pipe Vise Jaws	Covers Diameter Range 5"-10"

#### FACE SPANNER WRENCHES

3/8" to 1/2" Face Spanner Set	2 Face Spanner Plates for 3/8" - 1/2" Holes
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#### ADJUSTABLE WRENCH

Adjustable Wrench	Adjustable from 2"-7" hex sizes
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#### PRESSURE TEST HOSES

Pressure Test Hoses Set	Hoses for Pressure Testing Cylinders
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#### CONES & CONE HOLDERS

2 Medium Cone Sets	4 Cone Holders, 2 Threaded Rods, 4 Nuts for pin sizes from 1" - 5" dia.
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# BASIC PLUS TOOLING

Suited for the shop that services 7" bore and under in an agriculture or medium industrial setting.



ITEM NUMBER	DESCRIPTION
<b>PIPE VISE JAWS</b>	
Pipe Vise Kwik Nut	Nut System for Torquing Pipe Vise Jaws
Medium Pipe Vise Jaws	Covers Diameter Range 5"-10"
<b>FACE SPANNER WRENCHES</b>	
3/8"-1/2" Face Spanner Set	Set of 2 Plates
<b>JAW SPANNER OPTIONS</b>	
Dual Pin Spanner	External Pin Spanner
<b>ADJUSTABLE WRENCH</b>	
Adjustable Wrench	Adjustable from 2"-7"

## PRESSURE TEST HOSES

Pressure Test Hoses Set      Hoses for Pressure Testing Cylinders

## CONES & CONE HOLDERS

2 Medium Cone Sets      4 Cone Holders, 2 Threaded Rods, 4 Nuts for pin sizes from 1" - 5" dia.

## SOCKET DRIVE SYSTEM

3" - 1" Adapter Drive      Adapter to Drive 1" Tooling  
3" Hex Drive Plate      Tooling to Drive 3" Hex Sockets

## MEDIUM SOCKET SIZES

3" Socket Set      2 1/16 - 2 13/16 - Every 1/16 Increment

# ELITE TOOLING

Geared to shops with a high volume of agriculture and medium to large industrial cylinders servicing up to 15" bore.



## ITEM NUMBER

## DESCRIPTION

### PIPE VISE JAWS

Pipe Vise Kwik Nut	Nut System for Torquing Pipe Vise Jaws
Small Pipe Vise Jaws	Covers Diameter Range 2½"-7"
Medium Pipe Vise Jaws	Covers Diameter Range 5"-10"
Large Pipe Vise Jaws	Covers Diameter Range 10"-22"
Small & Medium Replacement Jaws	Set of 4 Replacement Jaws for Small and Medium Pipe Vise Jaws

### REPLACEMENT PINS FOR FACE SPANNER

.25 Dowel	Quantity: 4
.312 Dowel	Quantity: 4
.375 Dowel	Quantity: 6
.500 Dowel	Quantity: 2

### DUAL PIN & FACE SPANNERS

*For Spanner Wrenches*

Dual Pin Spanner	External Pin Spanner Tool
¼"-5/16" Face Spanner Set	Set of 2 Plates
⅜"-½" Face Spanner Set	Set of 2 Plates
⅝"-¾" Face Spanner Set	Set of 2 Plates

### ADJUSTABLE WRENCH

Adjustable Wrench	Adjustable from 2"-7"
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### PRESSURE TEST HOSES

Pressure Test Hoses Set	Hoses for Pressure Testing Cylinders
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### CONES & CONE HOLDERS

2 Small Cone Sets	4 Cone Holders, 2 Threaded Rods, 4 Nuts for pin sizes ½" - 2½" dia.
2 Medium Cone Sets	4 Cone Holders, 2 Threaded Rods, 4 Nuts for pin sizes 1" - 5" dia.
2 Large Cone Sets	4 Cone Holders, 2 Threaded Rods, 4 Nuts for pin sizes 4" - 8" dia.

### SMALL SOCKET SIZES

Small Socket Set	¾"-2"
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### MEDIUM SOCKET SIZES

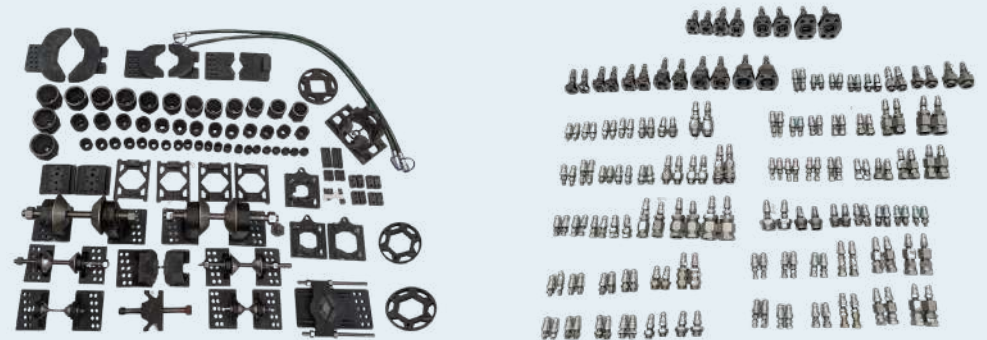
Medium Socket Set	2-1/16" - 4-1/2"
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### SOCKET DRIVE SYSTEM

3" - 1" Adapter Drive	Adapter to Drive 1" Tooling
3" Hex Drive Plate	Tooling to Drive Sockets with a 3" External Hex
4" Hex Drive Plate	Tooling to Drive Sockets with a 4" External Hex
5" Hex Drive Plate	Tooling to Drive Sockets with a 5" External Hex

# PLATINUM TOOLING

Geared to shops with a high volume of agriculture and large industrial cylinders servicing up to 15" rod.



## ITEM NUMBER

## DESCRIPTION

### PIPE VISE JAWS

Pipe Vise Kwik Nut	Nut System for Torquing Pipe Vise Jaws
Small Pipe Vise Jaws	Covers Diameter Range 2½"-7"
Medium Pipe Vise Jaws	Covers Diameter Range 5"-10"
Large Pipe Vise Jaws	Covers Diameter Range 10"-22"
Small & Medium Replacement Jaws	Set of 4 Replacement Jaws for Small and Medium Pipe Vise Jaws
Large Replacement Jaws	Set of 4 Hardened Steel Jaws for Large Pipe Vise Jaws

### DUAL PIN & FACE SPANNERS

Dual Pin Spanner	External Pin Spanner Tool
¼"-5/16" Face Spanner Set	Set of 2 Plates
⅜"-½" Face Spanner Set	Set of 2 Plates
⅝"-¾" Face Spanner Set	Set of 2 Plates

### ADJUSTABLE WRENCH

Adjustable Wrench	Adjustable from 2"-7"
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### PRESSURE TEST HOSES

Pressure Test Hoses Set	Hoses for Pressure Testing Cylinders
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### REPLACEMENT PINS

*For Face Spanner*

.25 Dowel	Quantity: 4
.312 Dowel	Quantity: 4
.375 Dowel	Quantity: 6
.500 Dowel	Quantity: 2

### REPLACEMENT PIN HOLDERS

*For Face Spanner*

.250 Face Spanner Pad	Set of 2
.312 Face Spanner Pad	Set of 2
.375 Face Spanner Pad	Set of 2
.500 Face Spanner Pad	Set of 2

### CONES & CONE HOLDERS

2 Small Cone Sets	4 Cone Holders, 2 Threaded Rods, 4 Nuts for pin sizes ½" - 2½" dia.
2 Medium Cone Sets	4 Cone Holders, 2 Threaded Rods, 4 Nuts for pin sizes 1" - 5" dia.
2 Large Cone Sets	4 Cone Holders, 2 Threaded Rods, 4 Nuts for pin sizes 4" - 8" dia.

# PLATINUM TOOLING

CONTINUED . . .

Geared to shops with a high volume of agriculture and large industrial cylinders servicing up to 15" rod.



## ITEM NUMBER

## DESCRIPTION

### SMALL SOCKET SIZES

Small Socket Set                      ¾"-2"

### MEDIUM SOCKET SIZES

Medium Socket Set                      2-¼" - 4-½"

### LARGE SOCKET SIZES

4 ¾"-SKT-L	4 ¾" Socket
5"-SKT-L	5" Socket
5 ¼"-SKT-L	5 ¼" Socket
5 ½"-SKT-L	5 ½" Socket
5 ¾"-SKT-L	5 ¾" Socket
6"-SKT-L	6" Socket
105 MM Square	105 MM Square Nut Drive Plate

### SOCKET DRIVE SYSTEM

3" - 1" Adapter Drive	Adapter to Drive 1" Tooling
3" Hex Drive Plate	Tooling to Drive 3" Hex Sockets
4" Hex Drive Plate	Tooling to Drive 4" Hex Sockets
5" Hex Drive Plate	Tooling to Drive 5" Hex Sockets
Large Socket Base	Base for Driving Large Sockets

### STANDARD QUICK COUPLERS

CC-PTA-SET

Complete D Set of Quick Couplers

### TOOL CADDY CART

TOOL CADDY

Tool Cart with Tool Box and Lazy Susan for 300+ Fittings

# COMPLETE TOOLING LIST

The following pages contain all the different tooling options for the Cylinder Cyclone. You can order the specific extra tools that you know you will need. The letters below tell you which package each tool is included in.

A - Basic Startup Package

D - Platinum Package

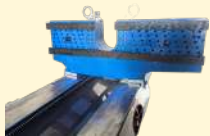
B - Basic Plus Package

R - Replacement Parts

C - Elite Package

*Current tool prices are available upon request.*

## TAIL STOCK & EXTENDA CLONE



### Oversize Tailstock

A Larger Tailstock accommodating up to a 15" diameter rod



### 12' ExtendaClone

Increases the center to center distance from 20' to 32'

### 24' ExtendaClone

Increases the center to center distance from 20' to 44'

## TOOL CADDY CART



### Tool Caddy

Tool Cart with Tool Box and Lazy Susan for 300+ Fittings  
D

## PIPE VISE JAWS



### Pipe Vise Kwik Nut

Nut System for Torquing Pipe Vise Jaws  
A, B, C, D



### Small Pipe Vise Jaws

Covers Diameter Range 2½"-7"  
C, D



### Medium Pipe Vise Jaws

Covers Diameter Range 5"-10"  
A, B, C, D



### Large Pipe Vise Jaws

Covers Diameter Range 10"-22"  
C, D



### Small & Medium Replacement Jaws

Set of 4 Replacement Jaws for Small and Medium Pipe Vise Jaws  
C, D, R



### Large Replacement Jaws

Set of 4 Replacement Jaws for Large Pipe Vise Jaws  
D, R

# COMPLETE TOOLING LIST

CONTINUED...

The letters below tell you which package each tool is included in.

- A - Basic Startup Package
- B - Basic Plus Package
- C - Elite Package
- D - Platinum Package
- R - Replacement Parts

## ADJUSTABLE WRENCH



**Adjustable Wrench**  
Adjustable from 2"-7"  
A, B, C, D



**Adjustable Wrench Jaws**  
Set of 4 jaws

## CONE & CONE HOLDER ASSEMBLIES



**Large Cone Holder Set**  
2 cone holder assemblies, 1 draw bolt and 2 nuts for pin sizes 4" - 8"  
C, D

## CONE & CONE HOLDER ASSEMBLIES *CONTINUED...*



**Medium Cone Holder Set**  
2 cone holder assemblies, 1 draw bolt and 2 nuts for pin sizes 1" - 5"  
A, B, C, D



**Small Cone Holder Set**  
2 cone holder assemblies, 1 draw bolt and 2 nuts for pin sizes 1/2" - 2 1/2"  
C, D

## CONE DRAW BOLT & NUTS



**Small Draw Bolt & 2 Nuts**  
For Small Cones

**Medium Draw Bolt & 2 Nuts**  
For Medium Cones

**Large Draw Bolt & 2 Nuts**  
For Large Cones

## FACE SPANNERS



**1/4" - 5/16" Face Spanner Set**  
A, B, C, D



**3/8" - 1/2" Face Spanner Set**  
A, B, C, D



**5/8" - 3/4" Face Spanner Set**  
C, D

# COMPLETE TOOLING LIST

CONTINUED...

The letters below tell you which package each tool is included in.

- A - Basic Startup Package
- B - Basic Plus Package
- C - Elite Package
- D - Platinum Package
- R - Replacement Parts

## FACE SPANNERS COMPONENTS



**1/4" Replacement Pads**  
Set of 2  
D



**5/16" Replacement Pads**  
Set of 2  
D



**3/8" Replacement Pads**  
Set of 2  
D



**1/2" Replacement Pads**  
Set of 2  
D

## FACE SPANNERS COMPONENTS *CONTINUED...*



**5/8" Replacement Pads**  
Set of 2



**3/4" Replacement Pads**  
Set of 2



**1/4" Replacement Pins**  
Set of 4  
D



**5/16" Replacement Pins**  
Set of 4  
D



**3/8" Replacement Pins**  
Set of 6  
D



**1/2" Replacement Pins**  
Set of 2  
D



**5/8" Replacement Pins**  
Set of 2



**3/4" Replacement Pins**  
Set of 2

# COMPLETE TOOLING LIST

CONTINUED . . .

The letters below tell you which package each tool is included in.

- A - Basic Startup Package
- B - Basic Plus Package
- C - Elite Package
- D - Platinum Package
- R - Replacement Parts

## DUAL PIN SPANNER



**External Pin Spanner**  
B, C, D

## PRESSURE TEST HOSES



**Pressure Test Hoses Set**  
Hoses for Pressure Testing Cylinders  
A, B, C, D

## HEX ALLEN WRENCHES



**3/4" Drive Metric Hex Drivers**  
Complete Metric Set



**3/4" Drive SAE Hex Drivers**  
Complete Standard Set

## TORQUE HEAD PIPE VISE



### Pipe Vise Jaws

Designed for the Headstock, used primarily for cylinders with no cross tube such as trunnion or flange mount cylinders.

## TRI PIN SPANNER



### Three Pin Spanner System

Designed for glands with 3 external holes or notches.

## SOCKET DRIVE SYSTEM



### 1" - 3/4" Socket Adapter



### 3" - 1" Adapter Drive

Adapter Drive 1" Tooling  
A, B, C, D



### 3" Hex Drive Plate

Tooling to Drive 3" Hex Sockets  
A, B, C, D



### 4" Hex Drive Plate

Tooling to Drive 4" Hex Sockets  
C, D



### 5" Hex Drive Plate

Tooling to Drive 5" Hex Sockets  
C, D



### Large Socket Base

Base for Driving Large Sockets from 4 3/4" to 6"  
D



### X-Large Socket Base

Base for Driving X-Large Sockets from 6 1/8" to 10"  
D

# COMPLETE TOOLING LIST

CONTINUED...

The letters below tell you which package each tool is included in.

- A - Basic Startup Package      D - Platinum Package
- B - Basic Plus Package          R - Replacement Parts
- C - Elite Package



## SMALL SOCKET SIZES

Small Socket Set	C, D	
3/4"-SKT		1 3/8"-SKT
13/16"-SKT		1 7/16"-SKT
7/8"-SKT		1 1/2"-SKT
15/16"-SKT		1 9/16"-SKT
1"-SKT		1 5/8"-SKT
1 1/16"-SKT		1 11/16"-SKT
1 1/8"-SKT		1 3/4"-SKT
1 3/16"-SKT		1 13/16"-SKT
1 1/4"-SKT		1 7/8"-SKT
1 5/16"-SKT		1 15/16"-SKT
		2"-SKT

\*We offer a range of metric sockets available from 19 - 51 MM.

## MEDIUM SOCKET SIZES

Medium Socket Set	C, D	
2 1/16"-SKT-3"	B	2 7/8"-SKT-4"
2 1/8"-SKT-3"	B	2 15/16"-SKT-4"
2 3/16"-SKT-3"	B	3"-SKT-4"
2 1/4"-SKT-3"	B	3 1/8"-SKT-4"
2 5/16"-SKT-3"	B	3 1/4"-SKT-4"
2 3/8"-SKT-3"	B	3 3/8"-SKT-4"
2 7/16"-SKT-3"	B	3 1/2"-SKT-4"
2 1/2"-SKT-3"	B	3 5/8"-SKT-4"
2 9/16"-SKT-3"	B	3 3/4"-SKT-4"
2 5/8"-SKT-3"	B	3 7/8"-SKT-4"
2 11/16"-SKT-3"	B	4"-SKT-4"
2 3/4"-SKT-3"	B	4 1/8"-SKT-5"
2 13/16"-SKT-3"	B	4 1/4"-SKT-5"
		4 1/2"-SKT-5"

\*We offer a range of metric sockets available from 52 - 115 MM.



## LARGE SOCKET SIZES

Large Socket Set		
4 3/4"-SKT-L	D	5 1/4"-SKT-L
4 5/8"-SKT-L		5 3/8"-SKT-L
4 7/8"-SKT-L		5 1/2"-SKT-L
5"-SKT-L	D	5 3/4"-SKT-L
5 1/8"-SKT-L		6"-SKT-L
		105 MM Square
		D

\*We offer a range of metric sockets available from 120 - 150 MM.

## X-LARGE SOCKET SIZES

6 1/8"-SKT-XL		8"-SKT-XL
6 1/4"-SKT-XL		8 1/4"-SKT-XL
6 1/2"-SKT-XL		8 1/2"-SKT-XL
6 3/4"-SKT-XL		8 3/4"-SKT-XL
7"-SKT-XL		9"-SKT-XL
7 1/4"-SKT-XL		9 1/2"-SKT-XL
7 1/2"-SKT-XL		10"-SKT-XL
7 3/4"-SKT-XL		

\*We offer a range of metric sockets available from 155 - 250 MM.

# COMPLETE TOOLING LIST

CONTINUED...

The letters below tell you which package each tool is included in.

- A - Basic Startup Package
- B - Basic Plus Package
- C - Elite Package
- D - Platinum Package
- R - Replacement Parts

## QUICK COUPLERS

ITEM NUMBER      PKG

### COMPLETE QUICK COUPLER SET

*Includes 2 of Each*

SET	D
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### MALE NATIONAL PIPE

*Thread Quick Coupler Pressure Test Adapter Fittings*

M-NPT-4	D
M-NPT-6	D
M-NPT-8	D
M-NPT-12	D
M-NPT-16	D
M-NPT-20	D
M-NPT-24	D

### FEMALE NATIONAL PIPE

*Thread Quick Coupler Pressure Test Adapter Fittings*

F-NPT-4	D
F-NPT-6	D
F-NPT-8	D
F-NPT-12	D
F-NPT-16	D
F-NPT-20	D
F-NPT-24	D

ITEM NUMBER      PKG

### CODE 61

*Bolt Flange Pressure Test Adapter*

CODE 61-8	D
CODE 61-12	D
CODE 61-16	D
CODE 61-20	D
CODE 61-24	D
CODE 61-32	D

### CODE 62

*Bolt Flange Pressure Test Adapter*

CODE 62-12	D
CODE 62-16	D
CODE 62-20	D
CODE 62-24	D
CODE 62-32	

### MALE BRITISH STANDARD

*Parallel Pipe "BSPP" Adapter*

M-BSPP-4	D
M-BSPP-6	D
M-BSPP-8	D
M-BSPP-10	D
M-BSPP-12	D
M-BSPP-16	D
M-BSPP-20	

ITEM NUMBER      PKG

### FEMALE BRITISH STANDARD

*Parallel Pipe "BSPP" Adapter*

F-BSPP-4	D
F-BSPP-6	D
F-BSPP-8	D
F-BSPP-10	D
F-BSPP-12	D
F-BSPP-16	D
F-BSPP-20	

### MALE O-RING BOSS

*Quick Coupler Pressure Test Adapter Fittings*

M-ORB-4	D
M-ORB-5	D
M-ORB-6	D
M-ORB-8	D
M-ORB-10	D
M-ORB-12	D
M-ORB-16	D
M-ORB-20	D
M-ORB-24	D
M-ORB-32	

# COMPLETE TOOLING LIST

CONTINUED...

The letters below tell you which package each tool is included in.

- A - Basic Startup Package
- B - Basic Plus Package
- C - Elite Package
- D - Platinum Package
- R - Replacement Parts

## QUICK COUPLERS CONTINUED...

ITEM NUMBER	PKG
<b>MALE O-RING</b>	
<i>Flat Face Seal Pressure Test Adapter Fittings</i>	
M-ORF-4	D
M-ORF-6	D
M-ORF-8	D
M-ORF-10	D
M-ORF-12	D
M-ORF-16	D
M-ORF-20	
M-ORF-24	

ITEM NUMBER	PKG
<b>FEMALE O-RING</b>	
<i>Face Seal Pressure Test Adapter Fittings</i>	
F-ORF-4	D
F-ORF-6	D
F-ORF-8	D
F-ORF-10	D
F-ORF-12	D
F-ORF-16	D
F-ORF-20	

ITEM NUMBER	PKG
<b>MALE JIC QUICK COUPLER</b>	
<i>Pressure Test Adapter Fittings</i>	
M-JIC-4	D
M-JIC-5	D
M-JIC-6	D
M-JIC-8	D
M-JIC-10	D
M-JIC-12	D
M-JIC-16	D
M-JIC-20	D
M-JIC-24	

ITEM NUMBER	PKG
<b>FEMALE JIC QUICK COUPLER</b>	
<i>Pressure Test Adapter Fittings</i>	
F-JIC-4	D
F-JIC-5	D
F-JIC-6	D
F-JIC-8	D
F-JIC-10	D
F-JIC-12	D
F-JIC-16	D
F-JIC-20	D
F-JIC-24	

ITEM NUMBER	PKG
<b>MALE LIGHT METRIC</b>	
<i>Pressure Test Adapter Fittings (Light, DIN)</i>	
M-L-M10	
M-L-M12	D
M-L-M14	D
M-L-M16	D
M-L-M18	D
M-L-M20	D
M-L-M26	D
M-L-M30	D
M-L-M36	D

ITEM NUMBER	PKG
<b>FEMALE LIGHT METRIC</b>	
<i>Pressure Test Adapter Fittings (Light, DIN)</i>	
F-L-M12	D
F-L-M14	D
F-L-M16	D
F-L-M18	D
F-L-M22	D
F-L-M26	D
F-L-M30	D
F-L-M36	D
F-L-M45	
F-L-M52	

# COMPLETE TOOLING LIST

CONTINUED...

The letters below tell you which package each tool is included in.

- A - Basic Startup Package
- B - Basic Plus Package
- C - Elite Package

- D - Platinum Package
- R - Replacement Parts

## QUICK COUPLERS CONTINUED...

ITEM NUMBER      PKG

### MALE HEAVY METRIC

*Pressure Test Adapter Fittings  
(Heavy, DIN)*

- M-H-M14
- M-H-M16
- M-H-M18
- M-H-M20
- M-H-M22
- M-H-M30
- M-H-M36
- M-H-M42
- M-H-M52

### FEMALE HEAVY METRIC

*Pressure Test Adapter Fittings  
(Heavy, DIN)*

- F-H-M14
- F-H-M16
- F-H-M18
- F-H-M20
- F-H-M22
- F-H-M24
- F-H-M30
- F-H-M36
- F-H-M42
- F-H-M52

ITEM NUMBER      PKG

### MALE KOMATSU

*Pressure Test Adapter Fittings*

- MALE KOMATSU 14
- MALE KOMATSU 16
- MALE KOMATSU 18
- MALE KOMATSU 22
- MALE KOMATSU 24
- MALE KOMATSU 30
- MALE KOMATSU 10

### FEMALE KOMATSU

*Pressure Test Adapter Fittings*

- F-KOM-14
- F-KOM-18
- F-KOM-22
- F-KOM-24
- F-KOM-30
- F-KOM-33

### MALE KOBELCO

*Pressure Test Adapter Fittings*

- M-KOB-30
- M-KOB-36
- M-KOB-45




# SAFETY FEATURES

- Completely remote controlled—no manual controls
- Chain shields on all chains
- Crane overload safety (on all posts) provides instant shutoff on overloads
- Tool retaining safety latch on all headstock plates
- Electric and air lockout—electricity and air automatically turn off when machine is being serviced.



## CONTACT US:

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 CYLINDERCYCLONE.COM

 4445 LEWIS BYRD RD  
HARRISONBURG, VA 22801



*Designed & Manufactured in the USA*

## COST | ROI ANALYSIS

The Cylinder Cyclone has an hour meter built into the job tracking software, making it easy to keep track of how much time each job takes. We recommend charging 5 to 6 times your normal hourly rate for the time displayed on the hour meter.

For example; if your normal hourly rate is \$90.00 per hour, you could charge \$450.00 per hour to run the bench. An average excavator cylinder has a bench runtime of approximately 0.4hrs. Rebuilding just 2 of those cylinders per day, you can easily earn an extra \$1800 per week. This figure does not include the extra work you can run through your shop because of massive time savings.