



# GENUINE MEGA

SPECIALTY HAULAGE SOLUTIONS FOR CONSTRUCTION & MINING

## MANUAL WATER CANNONS

An affordable & versatile solution for equipment wash-down and stock pile dust suppression



### THERE'S WORK TO BE DONE



- HEAVY DUTY WASH DOWN APPLICATIONS
- INTEGRATED TURNING VANES TO INCREASE PERFORMANCE
- DURABLE SWIVEL JOINTS
- MAXIMUM OPERATING PRESSURE OF 232 PSI
- WIDE VARIETY OF NOZZLES AND PERFORMANCE ENHANCERS

## EQUIPMENT PARTS SUPPORT



700 Osuna Rd. NE · Albuquerque, NM 87113

[www.megacorpinc.com](http://www.megacorpinc.com)

## EFFECTIVE AND SIMPLE TO OPERATE

### WE OFFER MANY DIFFERENT MODELS OF MANUAL WATER CANNONS

#### MEGA MANUAL WATER CANNONS

For environments where no electrical power is available, Mega offers a wide variety of manual water cannons. Effortless to operate and capable of up to 1250 gpm, manual water cannons are ideal for use in severe duty applications in mining and can be used in fire suppression, equipment wash-down, agricultural and industrial utilisation.

Our manual water cannons come with installation instructions complete with drawings, support parts list, and an illustrated parts breakdown. The base kit includes a Mega Manual Water Cannon with built-in mounting flanges.

#### Mega 2 ½ inch EC1 Manual Water Cannon

Our Mega Economy water cannon is our most cost-effective solution, with its lightweight and compact design, while still maintaining high performance. This offers a 3 inch ANSI flanged inlet 2 ½ inch waterway with a 2 ½ inch NH discharge outlet. Capable of flows up to 1000 gpm. The "T" inch handle manual control provides precise positioning and control.

- Durable, lightweight pyrolite construction
- Cast-in turning vanes in each elbow for more efficient flow
- Maximum operating pressure of 200 psi
- 360° continuous rotation range (elevation +90° to -45°)
- Friction lock on horizontal and vertical rotation
- Several nozzle and stream shaper options available.



**309762**

Optional nozzle shown.  
Sold separately.

#### Mega 3.0 inch EC2 Manual Water Cannon

This monitor offers a full 3 inch waterway and 2 ½ NH outlet that delivers efficient flows up to 1250 gpm. This offers a 3 inch ANSI flanged inlet 2 ½ inch waterway with a 2 ½ inch NH discharge outlet. It includes a built-in pressure gauge and gauge guard, simple tiller bar control and manual friction brake. As with some of our other manual monitors, it has a simple tiller bar control and manual friction brake operation.

- Durable, lightweight pyrolite construction
- Cast-in turning vanes in each elbow for more efficient flow
- 360° horizontal rotation, 150° vertical travel (+90° to -60°)
- Friction lock on horizontal and vertical rotation
- Several nozzle and stream shaper options available.



**304612**

Optional nozzle shown.  
Sold separately.

#### Mega 3.0 inch Brass HD Manual Water Cannon

Our Mega HD Water Cannon comes with a 3 inch inlet, 3 inch waterway and 2.5 inch NH outlet that delivers efficient flows up to 1250 gpm. The vertical and horizontal travel locks incorporate a unique full contact brake band within the swivel joint and has a simple tiller bar control.

- Brass construction for corrosion resistance
- Cast-in turning vanes in each elbow for more efficient flow
- Maximum operating pressure of 200 psi
- 360° horizontal rotation, 150° vertical travel (elevation +90° to -60°)
- Friction lock on horizontal and vertical rotation
- FM\* Approved
- Several nozzle and stream shaper options available.
- Built-in stream shaper included



**309759**

Optional nozzle shown.  
Sold separately.

#### Mega 3.0 inch Compact Brass Manual Water Cannon

Our Mega HD Water Cannon offers maximum travel for optimal coverage in a compact, economic package. This Water Cannon comes with a 3 inch inlet, 3 inch waterway and 2.5 inch NH outlet that delivers efficient flows up to 1250 gpm. The vertical and horizontal travel locks incorporate a unique full contact brake band within the swivel joint and the ability to change the handle position from centered to off-center. Enhanced design provides less tip weight, which translates to lower handle operating force.

- Brass construction for corrosion resistance
- Cast-in turning vanes for more efficient flow
- Maximum operating pressure of 232 psi
- 360° horizontal rotation, 135° vertical travel (elevation +90° to -45°)
- FM\* Approved
- Several nozzle and stream shaper options available.



**309760**

Optional nozzle shown.  
Sold separately.

#### Mega Severe Duty Manual Water Cannon

Our Mega manual severe duty monitor offers a unique ball bearing free joint design ideal for high usage applications, such as Mining, tank cleaning and equipment wash-down. Mega offers a 3 inch inlet and 2 ½ inch NH outlet that delivers efficient flows up to 1250 gpm. The severe duty monitor has a new longer tiller bar that can be mounted in 30 degree increments for increased control.

- Cast-in turning vanes for more efficient flow
- Unique severe duty joint design & extensive duty-cycle use
- Maximum operating pressure of 200 psi
- Severe duty application
- 360° horizontal and +90° to -90° vertical
- Several nozzle and stream shaper options available. Optional nozzle shown and sold separately.



**309761**

Optional nozzle shown.  
Sold separately.

\* FM Approval is the independent testing division of FM Global focusing on researching and testing of products to ensure that they meet only the highest standards for property loss prevention and safety.



# NEED A NOZZLE?



BUY NOZZLES ON OUR WEBSITE @ [WWW.MEGACORPINC.COM](http://WWW.MEGACORPINC.COM)

## NOZZLES FOR MEGA MANUAL WATER CANNONS

To optimize your Mega water cannon select one of the many nozzles and stream shaper options available to best fit your application. Many of these nozzles allow for the customer to adjust their water cannons spray pattern and reach to meet their specific needs. Find a wide variety of water nozzles conveniently on our website @ [www.megacorpinc.com/megaparts/mega-water-distribution-cannons-nozzles.asp](http://www.megacorpinc.com/megaparts/mega-water-distribution-cannons-nozzles.asp)

### STANDARD NOZZLES



300087

#### 1 inch Standard Straight Bore\*

On-Highway truck applications

- 2 1/2 inch NH connection, 2 1/2 inch inlet, 1 inch outlet.
- Requires the addition of an in-line or internal stream shaper



300091

#### 1.5 inch Standard Straight Bore\*

On-Highway truck applications

- 2 1/2 inch NH connection, 2 1/2 inch inlet, 1 1/2 inch outlet.
- Requires the addition of an in-line or internal stream shaper



#### Aluminum Smooth Bore\*

- GP Aluminum Smooth Bore Tip
- Available in different sizes

| PART No. | INLET      | OUTLET     |
|----------|------------|------------|
| 309727   | 2 1/2 inch | 1 1/2 inch |
| 309728   | 2 1/2 inch | 1 1/4 inch |
| 309729   | 2 1/2 inch | 1 3/8 inch |



#### HD Chrome Smooth Bore\*

Available in polished aluminum or chrome

- Smooth bore and straight tips
- Available in different sizes

| PART No. | INLET      | OUTLET     |
|----------|------------|------------|
| 309737   | 2 1/2 inch | 1 1/2 inch |
| 309738   | 2 1/2 inch | 1 3/4 inch |
| 309739   | 2 1/2 inch | 2 inch     |

### PERFORMANCE ENHANCEMENTS

When even greater reach is needed Mega recommends stream shapers for use with the straight bore nozzles. These stream shapers straighten the water flow before it exits the nozzle, resulting in a smoother stream that travels further.



300822

#### Grid For Standard Straight Bore Nozzle

- Stream shaper for standard straight bore nozzle
- Straightens water flow and increases distance
- 2 1/2 inch NH connection



304299

#### Short Stream Shaper

- Stream shaper for standard straight bore nozzle
- Aluminum stream shaper
- Shapes water stream to produce efficient flow and increases distance

\* Stream shaper sold separately.

### ADJUSTABLE NOZZLES

Mega offers a variety of specialty, adjustable nozzles for use with both hydraulic and electric water cannons. These nozzles allow the customer to adjust a water cannon's spray pattern and reach to meet their specific application requirements.



#### Triple Stacked Tips

- Solid Tips, Tri Stacked Tips
- Built-in stream shaper included
- Durable pyrolite nozzle

| PART No. | OUTLET     |
|----------|------------|
| 309740   | 1 1/4 inch |
| 309741   | 1 3/8 inch |



P/N 309779

#### Fog Nozzle, 500 GPM

- Spinning Teeth
- Built-in stream shaper included
- Durable pyrolite nozzle
- Adjustable fog pattern
- Up to 500 gpm
- 2 1/2 inch inlet, 2 1/2 inch outlet



P/N 309780

#### Fog to Stream Nozzle, 1000 GPM

- Fog to stream, no teeth
- Built-in stream shaper included
- Durable pyrolite nozzle
- Pattern Control, Fog to Stream
- Up to 1000 gpm
- 2 1/2 inch inlet, 2 1/2 inch outlet, length 7 3/8 inches



P/N 309795

#### Brass Fog to Stream, 500 GPM

- Fog to stream with fixed teeth
- Built-in stream shaper included
- Fixed gallonage stream nozzle for heavy duty use
- Field changeable spacers included with nozzle
- Built-in stream shaper
- Includes grease fitting
- Brass, Ideal for heavy-duty use
- Up to 500 gpm
- Inlet 2 1/2 inch



P/N 309796

#### Brass Fog to Stream, 1250 GPM

- Brass fog and stream, no teeth
- Built-in stream shaper included
- Fixed gallonage stream nozzle for heavy duty use
- Field changeable spacers included with nozzle
- Built-in stream shaper
- Includes grease fitting
- Brass, Ideal for heavy-duty use
- Up to 1250 gpm
- Inlet 2 1/2 inch

# MEGA MANUAL WATER CANNON PARTS

## Available accessories for Mega Manual Water Cannon 304612

A variety of accessories are available for the Mega manual water cannon, allowing the customer to select components that best fit their specific application, be it fire fighting, equipment wash down, or agricultural uses.



Accessories Include:

| ITEM | PART NO. | DESCRIPTION                      | QTY |
|------|----------|----------------------------------|-----|
| 1    | 300104   | Butterfly Valve, 3 inch          | 1   |
| 2    | 000194   | 3 inch Flange Weld               | 1   |
| 3    | 300030   | Butterfly Handle, 3 inch         | 1   |
| 4    | 355458   | Cap Screw, 5/8 inch X 4 1/4 inch | 8   |
| 5    | 350029   | Hex, Nut, 5/8 inch               | 16  |
| 6    | 350006   | Washer, Flat, 5/8 inch           | 8   |

# WE HAVE EFFECTIVE SOLUTIONS FOR REMOTE CONTROLLED WATER CANNON OPERATIONS ALSO!

Mega offers remote controlled hydraulic and electric water cannons if you have hydraulic or electric power available. We have several complete kits that allow installation of the remote controlled water cannons for fixed sights or mobile trailers. The Mega water cannons offered are the same severe duty water cannons we install on our mobile mining and construction equipment. The water cannon features 2 1/2 inch stainless steel waterways and a unique non-ball bearing swivel joint design that minimizes maintenance while improving service life



**304952**  
Optional nozzle shown.  
Sold seperately.

## Mega Hydraulic Water Cannon

- Hydraulic drive motor; requires hydraulic power source
- Wear resistant polymer bearings and heavy duty shafts & gears
- Severe duty construction, stainless steel waterway
- 320° horizontal rotation range
- 1/2 gpm hydraulic motor flow at 500 psi
- 155° vertical rotation range (+90° to -65°)
- Rotational speed of 20°/sec.
- Rated for up to 450 psi hydraulic pressure, 200 psi water pressure
- Reach of up to 200 ft. at 750 gpm (using the straight bore nozzle and stream shaper)
- Several nozzle and stream shaper options available.



**304653 12 VDC**  
**304652 24 VDC**  
Optional nozzle shown.  
Sold seperately.

## Mega Electric Water Cannon

- Electric drive motor; requires either a 12 VDC or a 24 VDC power source
- Wear resistant polymer bearings and heavy duty shafts & gears
- Severe duty construction, stainless steel waterway
- 320° horizontal rotation range
- 155° vertical rotation range (+90° to -65°)
- Rotational speed of 20°/sec.
- 200 psi water pressure
- Reach of up to 200 ft. at 750 gpm (using the straight bore nozzle and stream shaper)
- Several nozzle and stream shaper options available.



**Hydraulic Water Cannon Kit**  
**P/N 045026**



**Electric Water Cannon Kits**  
**12 VDC P/N 043386**  
**24 VDC P/N 040929**



**Forestry Water Cannon**  
Call Part Sales for Kit Configurations



**THERE'S WORK TO BE DONE** ➤

## **BUY A MANUAL WATER CANNON TODAY!**

Mega's products are used throughout the world in a wide variety of applications and environments. From spare parts to complete kits, Mega offers a wide range of parts for its products. Whether you are an existing customer or new, visit our website @ [www.megacorpinc.com](http://www.megacorpinc.com) to buy parts online or contact any of our sales representatives.

### ➤ **MEGA PARTS SALES**



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### ➤ **MEGA PRODUCT SUPPORT**



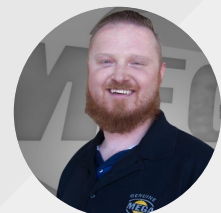
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# Thank You

## For Your Business



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