

ENVIRO-CLEAN EQUIPMENT

SANITARY NOZZLES

Best for general cleaning of most debris from lines.

Specify GPM and PSI when ordering.

UEMSI Tungsten Carbide Sanitary Nozzle



Front Jets	Rear Jets	Jet Angle	Weight (lbs.)	Part #	GPM	PSI
0	6	30°	2.4	U5856B	50	2500
0	6	15°	2.4	U60306B	60	2000

Replacement Carbide Jets available for both 30° and 15° nozzles.

UEMSI Tungsten Carbide Hustler Cleaning Nozzle

Pipe Size	Front Jets	Rear Jets	Jet Angle	Weight (lbs.)
6" - 15"	0	8	30°	1.5

Part #	GPM	PSI
UEZ30.100	50 - 80	2000 - 3000



Replacement Carbide Jets and Inserts available.



UEMSI Sanitary Nozzle

Pipe Size	Front Jets	Rear Jets	Jet Angle	Weight (lbs.)	Part #	GPM	PSI
6" - 15"	0	6	30°	1.7	U29343	50 - 80	1675 - 2000
6" - 15"	0	6	15°	1.7	U44233	50 - 60	1675 - 2000

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ENVIRO-CLEAN EQUIPMENT

SANITARY NOZZLES (cont.)

For all-around, general cleaning.

Specify GPM and PSI when ordering.

UEMSI General Purpose Nozzle



Part #	GPM	PSI	Nozzle Size	Pipe Size	Front Jets	Rear Jets
U58929B	60 - 80	2000 - 2500	3"	12" - 30"	0	6

Replacement Carbide Jets and Inserts available.

Radial Nozzles

Best suited for general cleaning of most debris.

UEMSI Radial Bullet Nozzle

With Front Jet

Part #	GPM	PSI	Front Jet(s)	Rear Jets	Jet Angle	Weight (lbs.)
A4-245, A4-250	45 - 50	3000	1	6	18°	1.20
A4-260, A4-280	60 - 80	2000	1	6	18°	1.20
A4-2A50	50	3000	1	6	30°	1.20
A4-2A45, A4-2A60, A4-2A80	45 - 60 80	2000	1	6	30°	1.20



Without Front Jet

Part #	GPM	PSI	Front Jet(s)	Rear Jets	Jet Angle	Weight (lbs.)
A4-2N50	50	3000	0	6	18°	1.20
A4-2N45, A4-2N60, A4-2N80	45 60 - 80	2000	0	6	18°	1.20
A4-2NA50	50	3000	0	6	30°	1.20
A4-2NA45, A4-2NA60, A4-2NA80	45 60 - 80	2000	0	6	30°	1.20

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ENVIRO-CLEAN EQUIPMENT

Radial Nozzles (continued)

Specify GPM and PSI when ordering.

UEMSI Radial Vortex



Front Jets	Rear Jets	Jet Angle	Weight (lbs.)
1	6	18° / 24°	1.2

Part #	GPM	PSI
A5-145	45	2000
A5-150-3000	50	3000
A5-160	60	2000
A5-180	80	2000

Ellipse Nozzle

UEMSI Ellipse

Best for blockages, offset joints and tight bends to remove most debris.

Front Jets	Rear Jets	Jet Angle	Weight (lbs.)
1	8	15°	2

Part #	GPM	PSI
AT136150	60	2000
AT136150-80	80	2500



Replacement Stainless Steel Jets available

THRUST NOZZLES

UEMSI Aluminum Grease

Ideal for removal of cleaning heavy grease filled lines.



Pipe Size	Front Jets	Rear Jets	Jet Angle	Weight
8" - 30"	1	6	17°	1.53

Part #	GPM	PSI
B8-360	50 - 65	Up to 2000
B8-380	80	Up to 2000



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Replacement Stainless Steel

ENVIRO-CLEAN EQUIPMENT

PENETRATOR NOZZLES

Best suited for general cleaning, breaking up clogs and semi-plugged lines.

Specify GPM and PSI when ordering.

UEMSI Penetrator Nozzle

Front Jets	Rear Jets	Jet Angle	Weight (lbs.)
1	6	12°	1.6



Part #	GPM	PSI
A3-145	35 - 45	1675 - 2000
A3-150	50	1675 - 2000
A3-160	60 - 65	1675 - 2000
A5-160-3000	60	3000
A3-180	80	1675 - 2000

UEMSI Penetrator Lance Tip

Front Jets	Rear Jets	Side Jets	Jet Angle	Weight (lbs.)
1	6	4	12°	1.6
1	6	4	12°	1.6

Part #	GPM	PSI
A3-1260	60 - 65	Up to 2000
A3-1280	80	Up to 2000



UEMSI Tungsten Carbide Penetrator

Replacement Carbide Jets (Front and Rear) are available.

Front Jets	Rear Jets	Jet Angle	Weight (lbs.)	Part #	GPM	PSI
1	6	30°	2.4	U58927B	50 - 80	2000 - 2500
1	6	15°	2.4	U60308B	60 - 80	2000



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ENVIRO-CLEAN EQUIPMENT

PENETRATOR NOZZLES (Cont'd)

Penetrate, cut and break through blockages

Specify GPM and PSI when ordering.

UEMSI Hustler Chisel Nozzle (Large)



Front Jets	Rear Jets	Jet Angle	Weight (lbs.)
5	6	30°	5.75

Part #	GPM	PSI
UEZ60.100L	50 - 80	2000 - 3000

Replacement Carbide Jets (Front & Rear) are available.

ROTATING NOZZLES

UEMSI Typhoon Ideal for general cleaning, de-scaling and cutting grease .

Pipe Size	Front Jets	Rear Jets	Weight (lbs.)
8" - 24"	3 (rotating)	6	1.75

Part #	GPM	PSI
RT-8651	50 - 65	1250 - 1675
RT-8652	50 - 65	1675 - 2000
RT-8802	80	1675 - 2000



Replacement Stainless Steel Jets are available.

STORM & SAND NOZZLES

Best suited for offset joints and tight bends to remove most debris from lines.

Front Jet(s)	Rear Jets	Jet Angle	Weight (lbs.)
1	16	17°/24°	2.7

Part #	GPM	PSI
A3-12260	50 - 65	1675 - 2000
A3-12280	80	1675 - 2000

UEMSI

Mini Storm/Sand



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ENVIRO-CLEAN EQUIPMENT

STORM & NOZZLES (Continued)

Best for heavy cleaning and removal of sand, dirt and grit.

Specify GPM and PSI when ordering.

UEMSI #10 Aluminum Storm Sewer

Pipe Size	Front Jet(s)	Rear Jets	Weight Lbs.
8" - 24"	0	8	3.6



Part #	GPM	PSI
U36058A2	50 - 80	1675 - 2000
U36058A3	50 - 65	3000

Replacement Stainless Steel rear jets are available.

UEMSI Steel Sand



Pipe Size	Front Jet(s)	Rear Jets	Jet Angle	Weight Lbs.
8" - 24"	2	6	12°	1.2

Part #	GPM	PSI
B5-180	80	1675 - 2000
U44234	60	2000



UEMSI Aluminum Sand

Replacement Stainless Steel rear jets are available.

Pipe Size	Front Jets	Rear Jets	Jet Angle	Weight (lbs.)	Part #	GPM	PSI
8" - 24"	1	8	24°	3.83	A1-160	50 - 65	1675 - 2000
8" - 24"	1	8	24°	3.83	A1-180	80	1675 - 2000
8" - 24"	1	16 Dual	17°/24°	4.76	A9-11260	50 - 65	1675 - 2000
8" - 24"	1	16 Dual	17°/24°	4.76	A9-11280	80	1675 - 2000

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ENVIRO-CLEAN EQUIPMENT

SAND AND STORM NOZZLES

Best suited for removal of sand, gravel and dirt.

Specify GPM and PSI when ordering.



UEMSI

Tungsten Carbide 15°/30° Sand Nozzle

Replacement Carbide jets (Front & Rear) are available.

Front Jets	Rear Jets	Jet Angle	Weight (lbs.)	Part #	GPM	PSI
2	6	30°	2.5	U58926B	80	2000 - 2500
2	6	15°	2.5	U60307B	60 - 80	2000 - 2500

UEMSI

Hustler Grenade 10°/30° Nozzle

(Comes with or without Front Jet)

Replacement Carbide jets (Front & Rear) are available.



Front Jets	Rear Jets	Jet Angle	Weight (lbs.)	Part #	GPM	PSI
0	10	10°/ 30°	8.8	UEZ40.100	50 - 80	2000 - 3000
1	10	10°/ 30°	8.8	UEZ40.100F	60 - 80	2000 - 3000

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ENVIRO-CLEAN EQUIPMENT

SPECIALTY NOZZLES

Best suited for Heavy cleaning in larger lines.

Specify GPM and PSI when ordering.

UEMSI Bulldozer Nozzle

Pipe Size	Front Jets	Rear Jets
12" - 30"	1	6

Part #	GPM	PSI
UE48216	60 - 80	Up to 2000



Replacement Carbide Jets and Inserts (Front & Rear) are available.



UEMSI Blue Streak (Small) Nozzle

For General to Heavy cleaning of most debris in larger lines.

Pipe Size	Front Jets	Rear Jets
15" - 36"	1	10

Part #	GPM	PSI
UE48226	60 - 80	2000

Replacement Jets (Front & Rear) and Replacement Inserts (Front & Rear) are available.

UEMSI Intruder Nozzle

For removing sand, gravel, dirt, soap clogs and grease.



Pipe Size	Front Jets	Rear Jets	Weight (lbs.)
8" - 30"	1	3	15.

Part #	GPM	PSI
IT-160	60	2000 - 3000
IT-180	80	2000

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ENVIRO-CLEAN EQUIPMENT




*Patented Technology
Now Available in 5 Sizes
Cleans Pipes from 3" to 36"
Fits Pumps from 2K-8K psi
and 5-120 gpm*

Part # WG-1 for 1" Nozzles
Part # WH-3/4 for 3/4" Nozzles

Part # WG-600 for 1" Service Kit
Part # WH-600 for 3/4" Service Kit

Part # WG-610 for 1" Overhaul Kit
Part # WH-610 for 3/4" Overhaul Kit

What makes a WARTHOG™ the most powerful nozzle available?

Patented Controlled Rotation

A major key to the **WARTHOG™** success. Other jetting tools spin wildly out of control, reducing cleaning power. The **WARTHOG™** uses a viscous fluid governor that controls the rotation, allowing the jets to deliver their full power, thereby increasing cleaning efficiency.

Fewer Jets Mean More Powerful Jets

Contrary to popular belief, more jets do not produce better results. The **WARTHOG™** uses fewer jets, concentrating the hitting power and delivering the best surface cleaning available.

15° Angled Penetrating Jet

The **WARTHOG™** front boring jet is 15° off-center, creating a powerful front end that cuts through roots, sediments, grease and other blockage with ease.

StoneAge "Attack Tips"

All **WARTHOG™** nozzles use the replaceable StoneAge "Attack Tip." Years of research and a unique 7-step manufacturing process means your **WARTHOG™** has the best nozzle tips available.

Maintenance and Durability

WARTHOGS™ are easy to maintain. We use the finest steel and corrosion resistant alloys and a component system that is field serviceable. The average user spends just 15 minutes per year replacing a high pressure seal. Our goal is minimum downtime and maximum performance. We stock a full line of replacement parts, service & overhaul kits and we have free demonstration videos or CDs for maintenance and overhaul instructions.



Patent:
5,964,414

Pump Adaptability

We have models available to fit pumps from 2-8K psi and 4-120 gpm. Matching pump pressure and flow to your specific **WARTHOG™** model ensures maximum productivity. See Chart on facing page or you can always call us for help.

Rotating Back Jets Cut and Flush

Unlike other tools **WARTHOG™** back jets rotate, flushing out debris and blockage loosened by the front boring jet. This is useful for cutting roots and keeping debris stirred up and in suspension for easy flushing.

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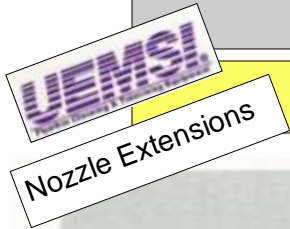
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ENVIRO-CLEAN EQUIPMENT

SPECIALTY NOZZLES (Continued)



Specify GPM and PSI when ordering.



Finned Style

General cleaning.



Proofer Style

Keeps nozzle centered in sand & mud; confirms pipe diameter.



Tube Style

Heavy-duty extension; keeps nozzle down in debris.

Part #	Size	Weight
D0-5	3/4" x 17" L	10 lbs.
D0-5A	3/4" x 14-3/4" L	6 lbs.
D0-6	1" x 17" L	11 lbs.
D0-6A	1" x 14-3/4" L	8 lbs.
D0-8A	1-1/4" x 14-3/4" L	13 lbs.
D0-8A	1-1/4" x 14-3/4" L	7.5 lbs.

Part #	1" NPT Line Size	Weight
UE69506	6" Lines	4.6 lbs.
UE69508	8" Lines	5.15 lbs.
UE69510	10" Lines	5.75 lbs.
UE69512	12" Lines	6.35 lbs.
UE69515	15" Lines	7 lbs.

Part #	17" Long	Weight
E01	3/4" NPT	9.5 lbs.
A02	1" NPT	11.6 lbs.
A022	1-1/4" NPT	13 lbs.



UEMSI Big Pete Nozzle

Pipe Size	Front Jets	Rear Jets	Jet Angle	Weight Lbs.
24" - 48"	1	12	17°/ 24°	28

Part #	GPM	PSI
BP-301256	55 - 60	1675 - 2000
BP-301280	80	1675 - 2000



UEMSI Petee Nozzle

Pipe Size	Front Jets	Rear Jets	Jet Angle	Weight Lbs.
15" - 30"	1	12	17°/ 24°	12

Part #	GPM	PSI
P100256	60 - 65	1675 - 2000
P100280	80	1675 - 2000

Replacement Stainless Steel Jets (Front & Rear) are available.

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SPECIALTY NOZZLES (Continued)

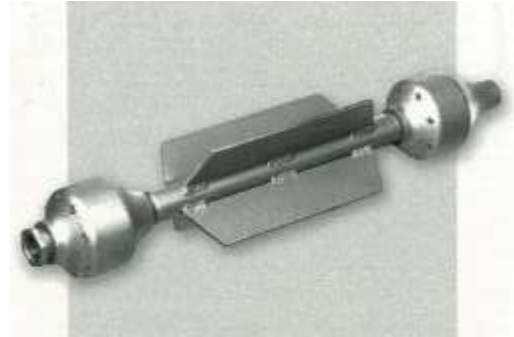
Best for heavy cleaning of debris, sand and gravel.

Specify GPM and PSI when ordering.

UEMSI Tandem Bomb Finned 24°

Pipe Size	Front Jets	Rear Jets	Jet Angle	Weight Lbs.
8" - 24"	1 Front 8-24 Forward	8	24°	11

Part #	GPM	PSI
A9-1228	80	1675 - 2000



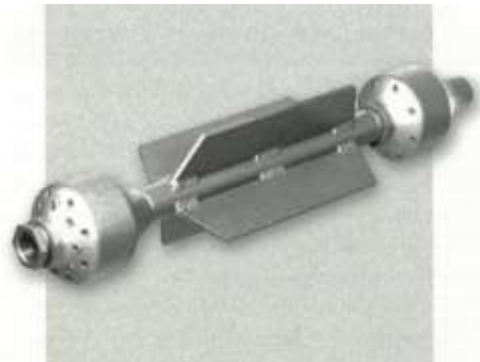
Replacement Stainless Steel Jets (Front & Rear) are available.

UEMSI

Tandem Bomb Finned 17°/ 24°

Pipe Size	Front Jets	Rear Jets	Jet Angle	Weight Lbs.
8" - 24"	1	16	17°/ 24°	11

Part #	GPM	PSI
A9-1326	60 - 65	1675 - 2000
A9-1328	80	1675 - 2000



REPLACEMENT JETS



NPT Tandem Bomb Finned 17°/ 24° Jet



NPT Tandem Bomb Finned 24° Jet

Replacement Stainless Steel Jets (Front & Rear) are available.

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