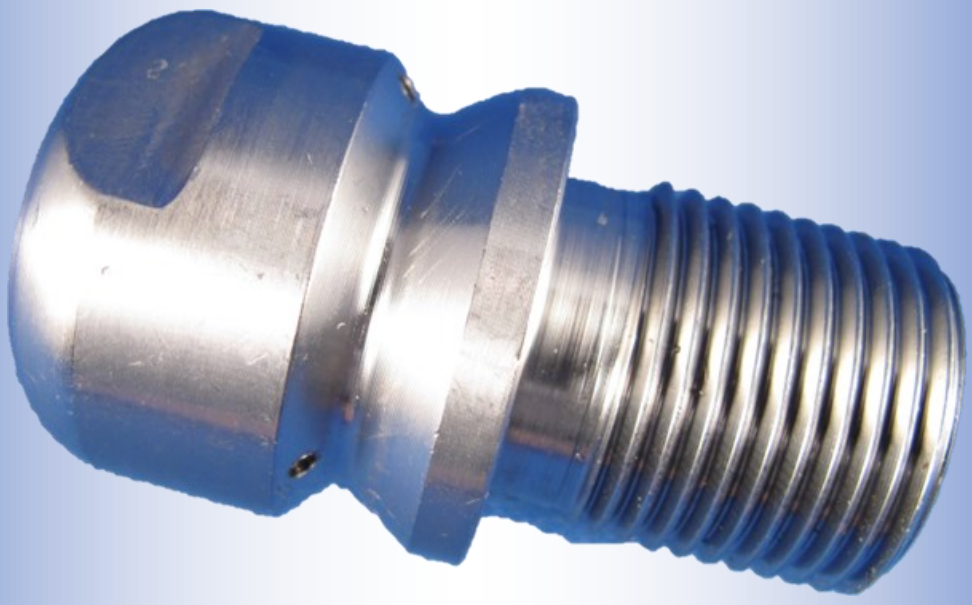
HIGH PRESSURE CLEANING ACCESSORIES

EQUIPMENT - PARTS & SPARES - SERVICING - TRAINING

FLOWPLANT

MINI DRAIN JET

A low cost 3/8” drain cleaning nozzle suitable for use on most van and trailer mounted drain cleaning machines with 3/8" jetting hose diameter. Available as both rear facing or rear and forward facing.



GENERAL DRAIN JET CHARACTERISTICS					
Number of holes	Pulling	Cleaning	Surface coverage	Descaling ability	Unblocking
3 rear	Good	Good	Average	Good	Poor
3 rear 1 forward	Average	Average	Average	Average	Good
6 rear	Good	Good	Good	Average	Poor

Mini Drain Jet 3r

Suitable for sewer sizes from 75-100 (3-4) mm (in) with a 45 degree nozzle angle

Part Number	056 693
Thread Size	3/8" BSP M
Flow l/min (gpm)	45 (10)
Pressure bar (psi)	415 (6000)

Mini Drain Jet 3r1f

Suitable for sewer sizes from 75-100 (3-4) mm (in) with a 45 degree nozzle angle

Part Number	056 694
Thread Size	3/8" BSP M
Flow l/min (gpm)	45 (10)
Pressure bar (psi)	415 (6000)

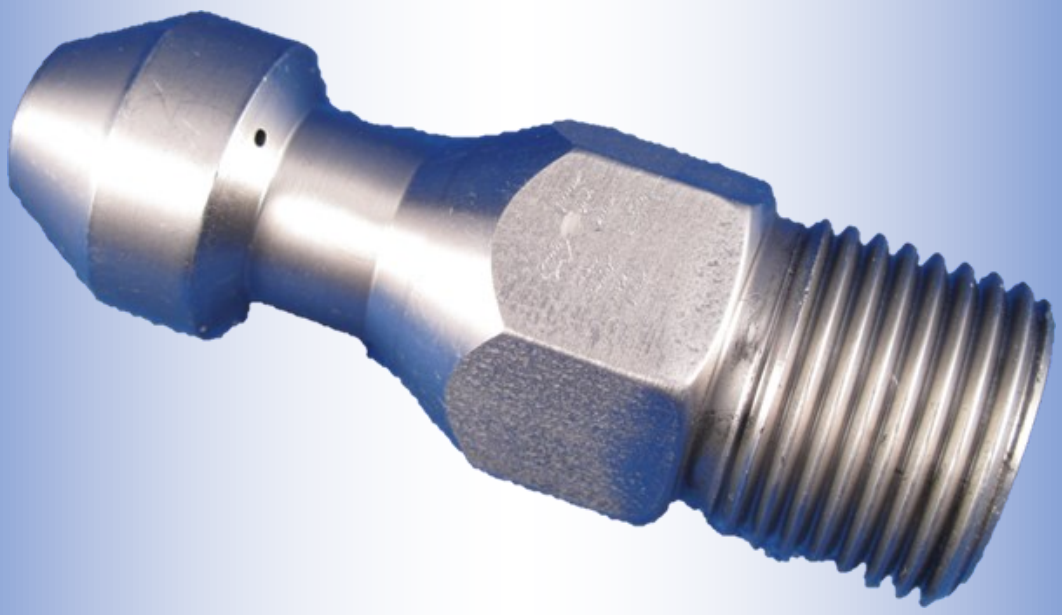
Mini Drain Jet 6r

Suitable for sewer sizes from 75-100 (3-4) mm (in) with a 45 degree nozzle angle

Part Number	056 695
Thread Size	3/8" BSP M
Flow l/min (gpm)	45 (10)
Pressure bar (psi)	415 (6000)

STANDARD DRAIN JET

A low cost drain cleaning nozzle suitable for use on most van and trailer mounted drain cleaning machines with 1/2" jetting hose diameter. Available as both rear facing or rear and forward facing.



GENERAL DRAIN JET CHARACTERISTICS					
Number of holes	Pulling	Cleaning	Surface coverage	Descaling ability	Unblocking
3 rear	Good	Good	Average	Good	Poor
3 rear 1 forward	Average	Average	Average	Average	Good
6 rear	Good	Good	Good	Average	Poor

Standard Drain Jet

Suitable for sewer sizes from 75-150 (3-6)mm (in) with a 30degree nozzle angle

Part Number	056097
Thread Size	1/2" BSP M
Flow l/min (gpm)	60 (13)
Pressure bar (psi)	415 (6000)

Standard Drain Jet

Suitable for sewer sizes from 75-150 (3-6)mm (in) with a 30degree nozzle angle

Part Number	056413
Thread Size	1/2" BSP M
Flow l/min (gpm)	60 (13)
Pressure bar (psi)	415 (6000)

Standard Drain Jet

Suitable for sewer sizes from 75-150 (3-6)mm (in) with a 30degree nozzle angle

Part Number	056582
Thread Size	1/2" BSP M
Flow l/min (gpm)	60 (13)
Pressure bar (psi)	415 (6000)

Standard Drain Jet

Suitable for sewer sizes from 75-150 (3-6)mm (in) with a 30degree nozzle angle

Part Number	056583
Thread Size	1/2" BSP M
Flow l/min (gpm)	60 (13)
Pressure bar (psi)	415 (6000)

Standard Drain Jet

Suitable for sewer sizes from 75-150 (3-6)mm (in) with a 30degree nozzle angle

Part Number	056584
Thread Size	1/2" BSP M
Flow l/min (gpm)	60 (13)
Pressure bar (psi)	415 (6000)

Standard Drain Jet

Suitable for sewer sizes from 75-150 (3-6)mm (in) with a 30degree nozzle angle

Part Number	056585
Thread Size	1/2" BSP M
Flow l/min (gpm)	60 (13)
Pressure bar (psi)	415 (6000)

HE DRAIN JET

Easy to clean high efficiency stainless steel two piece drain jet with drilled jet holes that produce a more powerful and concentrated jet pattern. The jet body has a 1/2" BSP female port but it can be supplied with either 1/2" or 3/4" male adaptors to suit most common jet hoses.

GENERAL DRAIN JET CHARACTERISTICS					
Number of holes	Pulling	Cleaning	Surface coverage	Descaling ability	Unblocking
3 rear	Good	Good	Average	Good	Poor
3 rear 1 forward	Average	Average	Average	Average	Good
6 rear	Good	Good	Good	Average	Poor

HE Drain Jet

Suitable for sewer sizes from 100-225 (4-9) mm (in) with a 30 degree nozzle angle

Part Number	056670
Thread Size	1/2" BSP F
Flow l/min (gpm)	100 (22)
Pressure bar (psi)	700 (10000)

HE Drain Jet

Suitable for sewer sizes from 100-225 (4-9) mm (in) with a 30 degree nozzle angle

Part Number	056671
Thread Size	1/2" BSP F
Flow l/min (gpm)	100 (22)
Pressure bar (psi)	700 (10000)

HE Drain Jet

Suitable for sewer sizes from 100-225 (4-9) mm (in) with a 30 degree nozzle angle

Part Number	056672
Thread Size	1/2" BSP F
Flow l/min (gpm)	100 (22)
Pressure bar (psi)	700 (10000)

HE Drain Jet

Suitable for sewer sizes from 100-225 (4-9) mm (in) with a 30 degree nozzle angle

Part Number	060133
Thread Size	1/2" BSP F
Flow l/min (gpm)	100 (22)
Pressure bar (psi)	700 (10000)

SAPPHIRE DRAIN JET

The high efficiency sapphire drain jet can be configured with several different jet patterns to suit your task. Most popular is the 3 rear 1 forward and the 6 rear offering blocking and cleaning power superior to any other similar spec nozzles.

GENERAL DRAIN JET CHARACTERISTICS					
Number of holes	Pulling	Cleaning	Surface coverage	Descaling ability	Unblocking
3 rear	Good	Good	Average	Good	Poor
3 rear 1 forward	Average	Average	Average	Average	Good
6 rear	Good	Good	Good	Average	Poor

Sapphire Drain Jet

Suitable for sewer sizes from 100-225 (4-9)mm (in) with a 30 degree nozzle angle

Part Number	0561126
Thread Size	1/2" BSP F
Flow l/min (gpm)	100 (22)
Pressure bar (psi)	350 (5000)

Sapphire Drain Jet

Suitable for sewer sizes from 100-225 (4-9)mm (in) with a 30 degree nozzle angle

Part Number	0561126
Thread Size	1/2" BSP F
Flow l/min (gpm)	100 (22)
Pressure bar (psi)	350 (5000)

Sapphire Drain Jet

Suitable for sewer sizes from 100-225 (4-9)mm (in) with a 30 degree nozzle angle

Part Number	0561126
Thread Size	1/2" BSP F
Flow l/min (gpm)	100 (22)
Pressure bar (psi)	350 (5000)

Sapphire Drain Jet

Suitable for sewer sizes from 100-225 (4-9)mm (in) with a 30 degree nozzle angle

Part Number	0561126
Thread Size	1/2" BSP F
Flow l/min (gpm)	100 (22)
Pressure bar (psi)	350 (5000)

SAPPHIRE SILT BOMB

The high efficiency Sapphire Silt Bomb is a desilting nozzle and a perfect partner for van and trailer mounted jetting units for cleaning in larger diameter pipes. The flat rear angle maximises the pulling power of the nozzle and keeps the jet stream at the bottom of the pipe where silt deposits collect.

GENERAL DRAIN JET CHARACTERISTICS					
Number of holes	Pulling	Cleaning	Surface coverage	Descaling ability	Unblocking
3 rear	Good	Good	Average	Good	Poor
3 rear 1 forward	Average	Average	Average	Average	Good
6 rear	Good	Good	Good	Average	Poor

Sapphire Silt Bomb

Suitable for sewer sizes from 100-225 (4-9)mm (in) with a 30 degree nozzle angle

Part Number	0561127
Thread Size	1/2" BSP F
Flow l/min (gpm)	100 (22)
Pressure bar (psi)	350 (5000)

Sapphire Silt Bomb

Suitable for sewer sizes from 100-225 (4-9)mm (in) with a 30 degree nozzle angle

Part Number	0561127
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Sapphire Silt Bomb

Suitable for sewer sizes from 100-225 (4-9)mm (in) with a 30 degree nozzle angle

Part Number	0561127
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Sapphire Silt Bomb

Suitable for sewer sizes from 100-225 (4-9)mm (in) with a 30 degree nozzle angle

Part Number	0561127
Thread Size	1/2" BSP F
Flow l/min (gpm)	100 (22)
Pressure bar (psi)	350 (5000)

PLOUGH JET

Fitted with two rear facing fan jets the small pough jet nozzle is great for desilting drains and sewers. The heavy brass construction keeps the jet firmly planted in the base of the pipe where the silt deposits collects and blasts them back towards the manhole.

A larger version with 4 jets is available for the more powerful Flowplant machines

Plough Jet

Suitable for sewer sizes from 100-300 (4-12) mm (in) with a 2 @ 15 degree nozzle angle

Part Number	056044
Thread Size	1/2" BSP M
Flow l/min (gpm)	60 (13)
Pressure bar (psi)	415 (6000)

Plough Jet

Suitable for sewer sizes from 225-450 (9-18) mm (in) with a 2 @ 15/2 @ 30 degree nozzle angle

Part Number	056042
Thread Size	3/4" BSP M
Flow l/min (gpm)	100 (22)
Pressure bar (psi)	350 (5000)

ROCKET JET

The Rocket jet is ideal for desilting and cleaning larger diameter sewers with smaller trailer and van mounted jetting units. Like a plough it sits in the bottom of the pipe but additional jets provide cleaning power towards the pipe crown making it a versatile tool.

Rocket Jet

Suitable for sewer sizes from 150-450 (6-18)mm (in) with a 4 @ 15 degree nozzle angle

Part Number	056845
Thread Size	1/2" BSP M
Flow l/min (gpm)	60 (13)
Pressure bar (psi)	415 (6000)

Rocket Jet

Suitable for sewer sizes from 225-450 (9-18)mm (in) with a 8 @ 15 degree nozzle angle

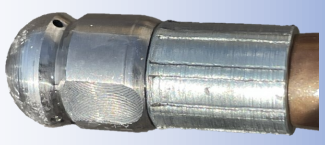
Part Number	056041
Thread Size	3/4" BSP M
Flow l/min (gpm)	100 (22)
Pressure bar (psi)	350 (5000)

MINI & MICRO JET KITS

The 1/4" bore Mini jet kits come complete with a small ball jet suitable for travelling around the tight bends encountered in gulleys and traps.

They are available with either 3 rear or a 3 rear 1 forward configuration suitable for unblocking chokes. The adaptor supplied allows the Mini jet kit to be connected directly to the 1/2" safety leader hose.
The 5mm bore Micro Mini jet kit comes complete with a small button jet suitable for travelling around the tight bends encountered in urinal waste pipes and other small bore drainage systems. The kit comes with an adaptor so that it can be connected directly to the 1/2" safety leader hose.

Mini Jet Kit



Micro Mini Jet

Mini Jet Kit

Suitable for sewer sizes from 50-100 (2-4)mm (in) with a 3r @ 30, 1f degree nozzle angle

Part Number	023220
Thread Size	1/2" BSP M
Flow l/min (gpm)	40 (9)
Pressure bar (psi)	415 (6000)

Mini Jet Kit

Suitable for sewer sizes from 50-100 (2-4)mm (in) with a 3r @ 30 degree nozzle angle

Part Number	023227
Thread Size	1/2" BSP M
Flow l/min (gpm)	40 (9)
Pressure bar (psi)	415 (6000)

Mini Jet Kit

Suitable for sewer sizes from 50-100 (2-4)mm (in) with a 3r @ 30 degree nozzle angle

Part Number	023275
Thread Size	1/2" BSP M
Flow l/min (gpm)	40 (9)
Pressure bar (psi)	415 (6000)

Micro Mini Jet Kit

Suitable for sewer sizes from 25-50 (1-2)mm (in) with a 3r @ 30, 1f degree nozzle angle

Part Number	032601
Thread Size	1/2" BSP M
Flow l/min (gpm)	30 (6)
Pressure bar (psi)	300 (4300)

DRAIN JET EXTENSION

The drain jet extension is vital safety equipment and must be connected between the jetter nozzle and safety leader hose when jetting in larger diameter sewers or culverts.
Choose a size that it at lease equal to the diameter of the pipe being cleaned to stop the possibility of the jet nozzle turning in the pipe and heading back towards the operator.

Drain Jet Extension

A vital piece of safety equipment for use in larger sewers.

Part Number	033085
Thread	1/2" BSP F x 1/2" BSP M
Length m (in)	0.20 (9)
Pressure	350 (5000)

Drain Jet Extension

A vital piece of safety equipment for use in larger sewers.

Part Number	033086
Thread	1/2" BSP F x 1/2" BSP M
Length m (in)	0.30 (12)
Pressure	350 (5000)

Drain Jet Extension

A vital piece of safety equipment for use in larger sewers.

Part Number	033087
Thread	1/2" BSP F x 1/2" BSP M
Length m (in)	0.45 (18)
Pressure	350 (5000)

FAN & PENCIL JETS

Fan and straight jets are used in numerous applications and are chosen to suit the particular flow and pressure of your machine and accessory.
Fan jets produce a flat 15 degree fan shaped pattern suited to quick cleaning of lightly soiled surfaces.
The straight jets are far more concentrated forcing all the jet power over a smaller cleaning area and they are capable of removing much harder deposits.

Fan Jet

Suitable for use in any jetting accessory with a 1/4” NPT F fitting. Use fan type for coverage and Straight for cutting.

Part Number	056001
Size mm	1502
Thread Size	1/4" NPT M
Type	Fan

Fan Jet

Suitable for use in any jetting accessory with a 1/4” NPT F fitting. Use fan type for coverage and Straight for cutting.

Part Number	056002
Size mm	1503
Thread Size	1/4" NPT M
Type	Fan

Fan Jet

Suitable for use in any jetting accessory with a 1/4” NPT F fitting. Use fan type for coverage and Straight for cutting.

Part Number	056003
Size mm	1504
Thread Size	1/4" NPT M
Type	Fan

Fan Jet

Suitable for use in any jetting accessory with a 1/4” NPT F fitting. Use fan type for coverage and Straight for cutting.

Part Number	056004
Size mm	1505
Thread Size	1/4" NPT M
Type	Fan

Fan Jet

Suitable for use in any jetting accessory with a 1/4” NPT F fitting. Use fan type for coverage and Straight for cutting.

Part Number	056005
Size mm	1506
Thread Size	1/4" NPT M
Type	Fan

Fan Jet

Suitable for use in any jetting accessory with a 1/4” NPT F fitting. Use fan type for coverage and Straight for cutting.

Part Number	056006
Size mm	1507
Thread Size	1/4" NPT M
Type	Fan

Fan Jet

Suitable for use in any jetting accessory with a 1/4” NPT F fitting. Use fan type for coverage and Straight for cutting.

Part Number	056007
Size mm	1508
Thread Size	1/4" NPT M
Type	Fan

Fan Jet

Suitable for use in any jetting accessory with a 1/4” NPT F fitting. Use fan type for coverage and Straight for cutting.

Part Number	056008
Size mm	1509
Thread Size	1/4" NPT M
Type	Fan

Fan Jet

Suitable for use in any jetting accessory with a 1/4” NPT F fitting. Use fan type for coverage and Straight for cutting.

Part Number	056009
Size mm	1510
Thread Size	1/4" NPT M
Type	Fan

Fan Jet

Suitable for use in any jetting accessory with a 1/4” NPT F fitting. Use fan type for coverage and Straight for cutting.

Part Number	056180
Size mm	15125
Thread Size	1/4" NPT M
Type	Fan

Fan Jet

Suitable for use in any jetting accessory with a 1/4” NPT F fitting. Use fan type for coverage and Straight for cutting.

Part Number	056011
Size mm	1515
Thread Size	1/4" NPT M
Type	Fan

Fan Jet

Suitable for use in any jetting accessory with a 1/4” NPT F fitting. Use fan type for coverage and Straight for cutting.

Part Number	056012
Size mm	1520
Thread Size	1/4" NPT M
Type	Fan

Straight

Suitable for use in any jetting accessory with a 1/4” NPT F fitting. Use fan type for coverage and Straight for cutting.

Part Number	N08490
Size mm	
Thread Size	1/4" NPT M
Type	Straight

Straight

Suitable for use in any jetting accessory with a 1/4” NPT F fitting. Use fan type for coverage and Straight for cutting.

Part Number	N08488
Size mm	
Thread Size	1/4" NPT M
Type	Straight

Straight

Suitable for use in any jetting accessory with a 1/4” NPT F fitting. Use fan type for coverage and Straight for cutting.

Part Number	N08489
Size mm	
Thread Size	1/4" NPT M
Type	Straight

Straight

Suitable for use in any jetting accessory with a 1/4” NPT F fitting. Use fan type for coverage and Straight for cutting.

Part Number	N08491
Size mm	
Thread Size	1/4" NPT M
Type	Straight

Straight

Suitable for use in any jetting accessory with a 1/4” NPT F fitting. Use fan type for coverage and Straight for cutting.

Part Number	N08492
Size mm	
Thread Size	1/4" NPT M
Type	Straight

Straight

Suitable for use in any jetting accessory with a 1/4” NPT F fitting. Use fan type for coverage and Straight for cutting.

Part Number	N08493
Size mm	
Thread Size	1/4" NPT M
Type	Straight

Straight

Suitable for use in any jetting accessory with a 1/4” NPT F fitting. Use fan type for coverage and Straight for cutting.

Part Number	N08494
Size mm	
Thread Size	1/4" NPT M
Type	Straight

Straight

Suitable for use in any jetting accessory with a 1/4” NPT F fitting. Use fan type for coverage and Straight for cutting.

Part Number	N08495
Size mm	
Thread Size	1/4" NPT M
Type	Straight

Straight

Suitable for use in any jetting accessory with a 1/4” NPT F fitting. Use fan type for coverage and Straight for cutting.

Part Number	N08496
Size mm	
Thread Size	1/4" NPT M
Type	Straight

Straight

Suitable for use in any jetting accessory with a 1/4” NPT F fitting. Use fan type for coverage and Straight for cutting.

Part Number	N08497
Size mm	
Thread Size	1/4" NPT M
Type	Straight

Straight

Suitable for use in any jetting accessory with a 1/4” NPT F fitting. Use fan type for coverage and Straight for cutting.

Part Number	N08498
Size mm	
Thread Size	1/4" NPT M
Type	Straight

Straight

Suitable for use in any jetting accessory with a 1/4” NPT F fitting. Use fan type for coverage and Straight for cutting.

Part Number	N08499
Size mm	
Thread Size	1/4" NPT M
Type	Straight

Straight

Suitable for use in any jetting accessory with a 1/4” NPT F fitting. Use fan type for coverage and Straight for cutting.

Part Number	N08500
Size mm	
Thread Size	1/4" NPT M
Type	Straight

Straight

Suitable for use in any jetting accessory with a 1/4” NPT F fitting. Use fan type for coverage and Straight for cutting.

Part Number	N08501
Size mm	
Thread Size	1/4" NPT M
Type	Straight

AQUASPIN

The Aquaspin is a 40mm diameter rotary jet suitable for descaling and general cleaning in pipes up to 225mm in diameter. It has a very high working pressure and has even been used on high pressure machines for cutting out damaged liners.
The rotary body can have either 4 jets at 90 degree which is excellent for cleaning hard deposits from the pipe wall or 2 jets at 90 degree and 2 jets at 45 degree making it ideally suited for cleaning and pulling longer distances.

Aquaspin

Suitable for sewer sizes from 100-225 (4-9)mm (in) with a 3 fixed, 2 @ 90, 2 @ 45degree nozzle angle

Part Number	056645
Thread Size	1/2" BSP F
Flow l/min (gpm)	90 (20)
Pressure bar (psi)	1000 (14500)

Aquaspin

Suitable for sewer sizes from 100-225 (4-9)mm (in) with a 3 fixed, 4 @ 90degree nozzle angle

Part Number	056653
Thread Size	1/2" BSP F
Flow l/min (gpm)	90 (20)
Pressure bar (psi)	1000 (14500)

NOZZLE INSERTS

High quality jet inserts are the most important component in any high pressure water jet nozzle.
Poor quality inserts create a very turbulent jet pattern which cannot remove hard deposits efficiently.
Our sapphire inserts form a very well defined jet pattern which concentrates the cleaning energy over a small area, cutting through deposits with ease.
High speed spinning nozzles should always be fitted with the best inserts for excellent results.

Nozzle Insert

Suitable for use in our Aquaspin range of spinning nozzles and our Sapphire range of fixed cleaning jets

Part Number	A140646
Size mm	0.9
Thread Size	M4
Type	Sapphire

Nozzle Insert

Suitable for use in our Aquaspin range of spinning nozzles and our Sapphire range of fixed cleaning jets

Part Number	A140647
Size mm	1
Thread Size	M4
Type	Sapphire

Nozzle Insert

Suitable for use in our Aquaspin range of spinning nozzles and our Sapphire range of fixed cleaning jets

Part Number	056 657
Size mm	1.1
Thread Size	M4
Type	Sapphire

Nozzle Insert

Suitable for use in our Aquaspin range of spinning nozzles and our Sapphire range of fixed cleaning jets

Part Number	056 655
Size mm	1.2
Thread Size	M4
Type	Sapphire

Nozzle Insert

Suitable for use in our Aquaspin range of spinning nozzles and our Sapphire range of fixed cleaning jets

Part Number	056 658
Size mm	1.3
Thread Size	M4
Type	Sapphire

Nozzle Insert

Suitable for use in our Aquaspin range of spinning nozzles and our Sapphire range of fixed cleaning jets

Part Number	056 659
Size mm	1.4
Thread Size	M4
Type	Sapphire

Nozzle Insert

Suitable for use in our Aquaspin range of spinning nozzles and our Sapphire range of fixed cleaning jets

Part Number	056 660
Size mm	1.5
Thread Size	M4
Type	Sapphire

Nozzle Insert

Suitable for use in our Aquaspin range of spinning nozzles and our Sapphire range of fixed cleaning jets

Part Number	056 661
Size mm	1.6
Thread Size	M4
Type	Sapphire

Nozzle Insert

Suitable for use in our Aquaspin range of spinning nozzles and our Sapphire range of fixed cleaning jets

Part Number	056 663
Size mm	0.7
Thread Size	M6
Type	Sapphire

Nozzle Insert

Suitable for use in our Aquaspin range of spinning nozzles and our Sapphire range of fixed cleaning jets

Part Number	056 664
Size mm	0.8
Thread Size	M6
Type	Sapphire

Nozzle Insert

Suitable for use in our Aquaspin range of spinning nozzles and our Sapphire range of fixed cleaning jets

Part Number	056 654
Size mm	0.9
Thread Size	M6
Type	Sapphire

Nozzle Insert

Suitable for use in our Aquaspin range of spinning nozzles and our Sapphire range of fixed cleaning jets

Part Number	A140656
Size mm	1
Thread Size	M6
Type	Sapphire

Nozzle Insert

Suitable for use in our Aquaspin range of spinning nozzles and our Sapphire range of fixed cleaning jets

Part Number	A140657
Size mm	1.1
Thread Size	M6
Type	Sapphire

Nozzle Insert

Suitable for use in our Aquaspin range of spinning nozzles and our Sapphire range of fixed cleaning jets

Part Number	056 656
Size mm	1.2
Thread Size	M6
Type	Sapphire

Nozzle Insert

Suitable for use in our Aquaspin range of spinning nozzles and our Sapphire range of fixed cleaning jets

Part Number	056 665
Size mm	1.3
Thread Size	M6
Type	Sapphire

Nozzle Insert

Suitable for use in our Aquaspin range of spinning nozzles and our Sapphire range of fixed cleaning jets

Part Number	056 666
Size mm	1.4
Thread Size	M6
Type	Sapphire

Nozzle Insert

Suitable for use in our Aquaspin range of spinning nozzles and our Sapphire range of fixed cleaning jets

Part Number	056 667
Size mm	1.5
Thread Size	M6
Type	Sapphire

Nozzle Insert

Suitable for use in our Aquaspin range of spinning nozzles and our Sapphire range of fixed cleaning jets

Part Number	056 668
Size mm	1.6
Thread Size	M6
Type	Sapphire

Nozzle Insert

Suitable for use in our Aquaspin range of spinning nozzles and our Sapphire range of fixed cleaning jets

Part Number	056 669
Size mm	1.7
Thread Size	M6
Type	Sapphire

Nozzle Insert

Suitable for use in our Aquaspin range of spinning nozzles and our Sapphire range of fixed cleaning jets

Part Number	056 676
Size mm	To Suit
Thread Size	M6
Type	Stainless Steel

TURBO JET

The Turbo jet is a rotating nozzle and it is excellent for the removal of hard scale deposits.
It can be used at up to 700 bar (10,000 psi) but it will provide a good standard of clean anywhere from 280 bar (4,000 psi) upwards.
The front mounted pulling ring allows a draw rope to be attached so that Turbo can be winched back and forward through the pipe until the required standard of clean has been achieved.

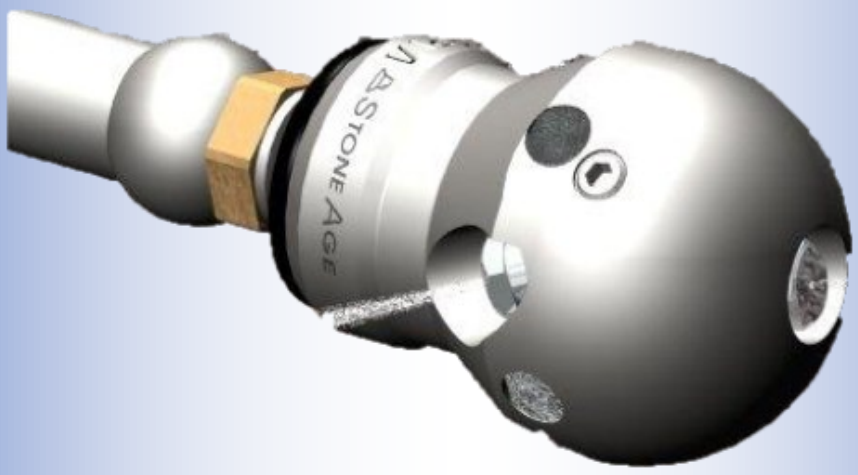
Turbo Jet

Suitable for sewer sizes from 100-225 (4-9)mm (in) with a 2 @ 15 degree nozzle angle

Part Number	056323
Thread Size	1/2" BSP F
Flow l/min (gpm)	60 (13)
Pressure bar (psi)	700 (10000)

WARTHOG

The popular Warthog nozzles provides consistent and powerful cleaning performance . The slow speed controlled rotation allows the jet stream time to blast at the blockage clearing everything from soft scale to soft bulky blockages and grease deposits.



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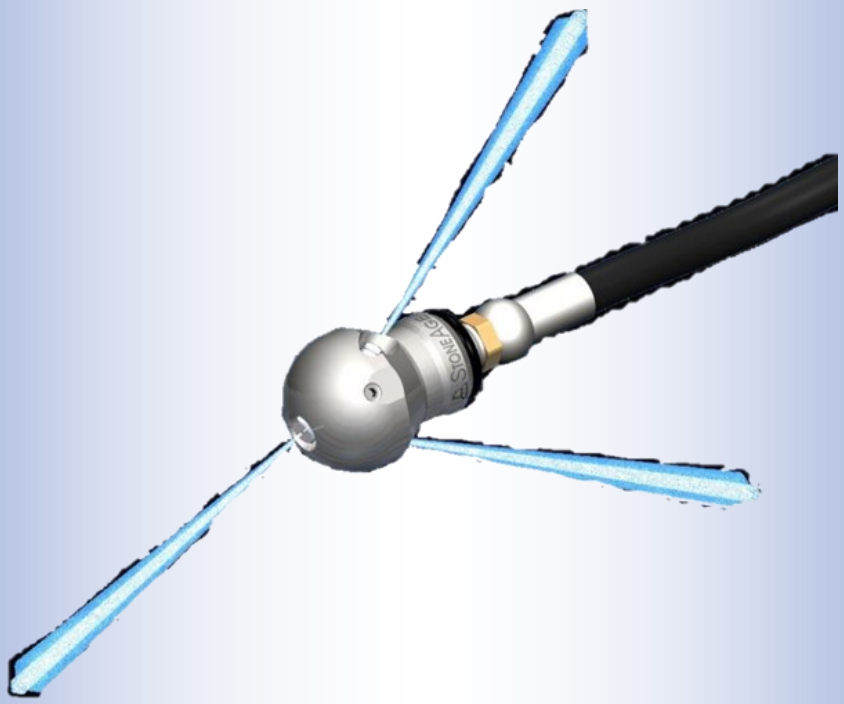

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WH 1/2

Suitable for sewer sizes from 100-225 (4-9)mm (in) with a 2r @ 15 / 1f @ 30 degree nozzle angle

Part Number	056707
Thread Size	1/2" BSP F
Flow l/min (gpm)	38-75 (8-16)
Pressure bar (psi)	550 (8000)

WT 3/8

Suitable for sewer sizes from 75-150 (3-6)mm (in) with a 2r @ 15 / 1f @ 30 degree nozzle angle

Part Number	056708
Thread Size	3/8" BSP F
Flow l/min (gpm)	19-45 (4-10)
Pressure bar (psi)	350 (5000)

ROOT CUTTER SAW

This powerful saw blade root cutter can power through the toughest tap roots in drains up to 225mm diameter.
It comes in it's own carry case with tools and 3 skids (100, 150 and 225mm) and it can be powered by any jetter providing 50-70 l/min at only 140 bar.

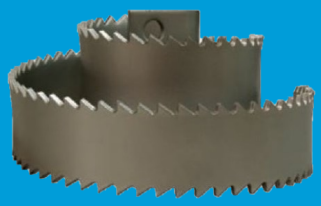
Saw Root Cutter

Our Saw Blade root cutter is the toughest on the market. It has hardened steel blades that will cut through large tap roots with ease.

Part Number	056981
Thread Size	1/2" BSP F
Flow l/min (gpm)	70 (15)
Pressure bar (psi)	140 (2000)

100mm Blade

Spare saw blade sizes



Part Number	056898
Diameter mm (in)	100 (4)

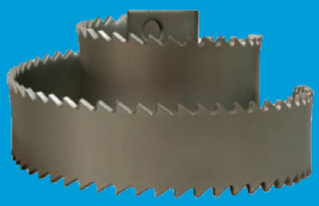
150mm Blade

Spare saw blade sizes

Part Number	056967
Diameter mm (in)	150 (6)

225mm Blade

Spare saw blade sizes



Part Number	056968
Diameter mm (in)	225 (9)

CHAIN FLAIL

Designed to remove light scale and roots the Spider 50 is a low cost chain flail with drive jets and a water lubricated bearing.
It is suitable for use on most small and medium jetting units up to 350 bar and operates in pipes from 80 to 150mm diameter. The rotor can be fitted with replaceable chain link or wire brushes.
The larger Spider 60 is designed for pipes up to 225mm and works well on machines up to 300 bar.

Small Chain Flail

Suitable for sewer sizes from 80-150 (3.5-6)mm (in) with a N/A degree nozzle angle

Part Number	056982
Thread Size	1/2" BSP F
Flow l/min (gpm)	60 (13)
Pressure bar (psi)	350 (5000)
Nozzles	Chain link

Large Chain Flail

Suitable for sewer sizes from 150-225 (6-9)mm (in) with a N/A degree nozzle angle

Part Number	056725
Thread Size	3/4" BSP F
Flow l/min (gpm)	80 (17)
Pressure bar (psi)	300 (4300)
Nozzles	Chain link

JET PUMPS

A simple and very effective venturin type pump that will work directly off the jetter main jetting hose.
The Harben jet pump will handle any solids small enough to enter the inlet tube and with no moving parts there is very little to wear out.
It is ideal for removing water from flooded manholes or basements and even a small van pack jetter can drive a 50mm version pumping up to 230 l/min a height of 5m through 9m of delivery hose.

3" Jet Pump

Versatile, simple and effective pump capable of moving water with high solid levels.

Part Number	012 075
Model	3" Jet Pump
Input Flow l/min (gpm)	90 (20)
Input Pressure bar (psi)	280 (4000)
Output Flow l/min (gpm)	385 (85)
Pumping Height m (ft)	8 (26)
Delivery Hose Length m (ft)	11 (35)

3" Jet Pump

Versatile, simple and effective pump capable of moving water with high solid levels.

Part Number	012 075
Model	3" Jet Pump
Input Flow l/min (gpm)	90 (20)
Input Pressure bar (psi)	280 (4000)
Output Flow l/min (gpm)	680 (150)
Pumping Height m (ft)	6 (20)
Delivery Hose Length m (ft)	11 (35)

2" Jet Pump

Versatile, simple and effective pump capable of moving water with high solid levels.

Part Number	039 001
Model	2" Jet Pump
Input Flow l/min (gpm)	54 (12)
Input Pressure bar (psi)	280 (4000)
Output Flow l/min (gpm)	250 (55)
Pumping Height m (ft)	7 (23)
Delivery Hose Length m (ft)	11 (35)

2" Jet Pump

Part Number	039 001
Model	2" Jet Pump
Input Flow l/min (gpm)	54 (12)
Input Pressure bar (psi)	280 (4000)
Output Flow l/min (gpm)	320 (70)
Pumping Height m (ft)	5 (17)
Delivery Hose Length m (ft)	11 (35)

Versatile, simple and effective pump capable of moving water with high solid levels.

1.5" Jet Pump

Part Number	032 121
Model	1.5" Jet Pump
Input Flow l/min (gpm)	45 (10)
Input Pressure bar (psi)	200 (3000)
Output Flow l/min (gpm)	200 (45)
Pumping Height m (ft)	7 (23)
Delivery Hose Length m (ft)	9 (30)

Versatile, simple and effective pump capable of moving water with high solid levels.

1.5" Jet Pump

Part Number	032 121
Model	1.5" Jet Pump
Input Flow l/min (gpm)	45 (10)
Input Pressure bar (psi)	200 (3000)
Output Flow l/min (gpm)	230 (50)
Pumping Height m (ft)	5 (17)
Delivery Hose Length m (ft)	9 (30)

Versatile, simple and effective pump capable of moving water with high solid levels.

HOVERCLEAN FLOOR CLEANERS

The Harben Hoverclean floor cleaner is perfect for jet cleaning large flat surfaces quickly and safely. It can operate at up to 500 bar and it is ideally suited to Flowplants range of 30hp plus jetting machines.

Stadiums, garage forecourts and artifical running tracks are just some of the areas that can be brought back to pristine condition by the Hoverclean.

Heavy Duty

Standard

Whirlaway

Cleaning large floor areas with high pressure cold water

Part Number	023228
Cleaning Width (m)	0.7
Flow l/min (gpm)	54 (12)
Pressure bar (psi)	350 (5000)

Cleaning large floor areas with high pressure cold water

Part Number	100276
Cleaning Width (m)	0.7
Flow l/min (gpm)	60 (13)
Pressure bar (psi)	500 (7500)

Cleaning large floor areas with high pressure cold water

Part Number	057102
Cleaning Width (m)	0.45
Flow l/min (gpm)	30 (6.5)
Pressure bar (psi)	280 (4000)

JETTING HOSES

At Flowplant we only stock the very best jetting hoses. Every one conforms to the latest international standards.
We have listed our most popular hoses in the catalogue but if you are looking for something different please get in touch.

Part Number	055021
Length m (ft)	90 (300)
Type	Standard
Outer Cover	Rubber
Thread	1/2" BSP F

Part Number	055018
Length m (ft)	60 (200)
Type	Standard
Outer Cover	Rubber
Thread	1/2" BSP F

Part Number	055015
Length m (ft)	30 (100)
Type	Standard
Outer Cover	Rubber
Thread	1/2" BSP F

Part Number	0551229
Length m (ft)	90 (300)
Type	Tuffskin Lightweight
Outer Cover	Thermoplastic
Thread	1/2" BSP F

Part Number	0551580
Length m (ft)	90 (300)
Type	S Shield
Outer Cover	UHMW Rubber
Thread	1/2" BSP F

Part Number	0551885
Length m (ft)	60 (180)
Type	S Shield
Outer Cover	UHMW Rubber
Thread	1/2" BSP F

Part Number	0551623
Length m (ft)	30 (100)
Type	S Shield
Outer Cover	UHMW Rubber
Thread	1/2" BSP F

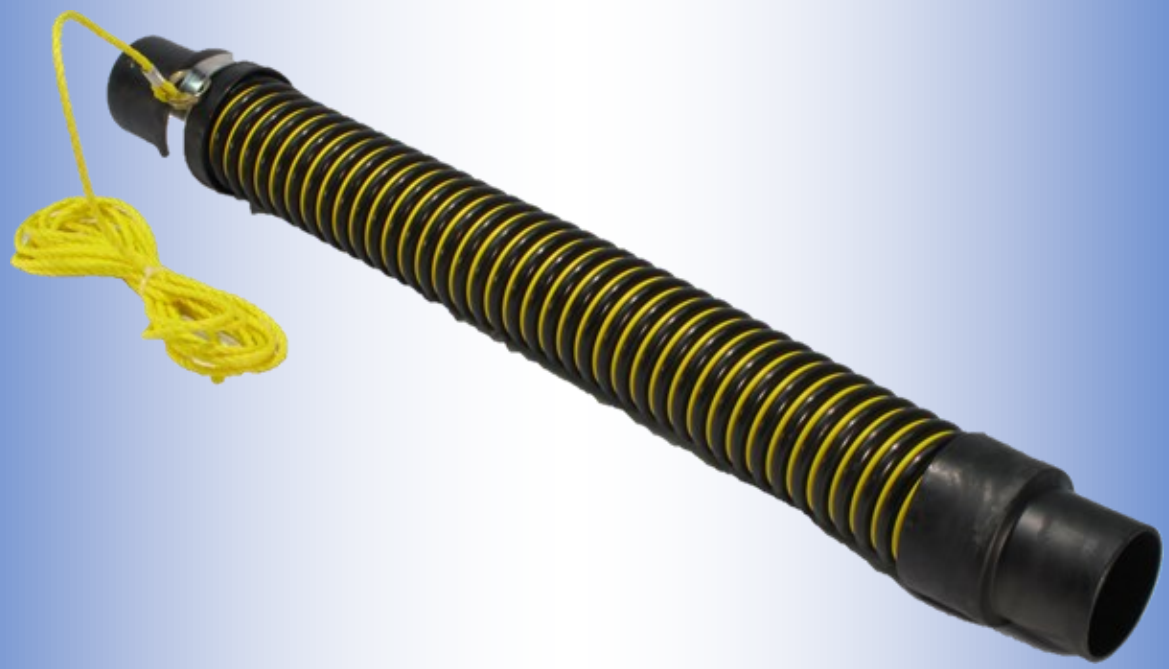
Part Number	055998
Length m (ft)	3 (10)
Type	Safety Leader Hose
Outer Cover	Rubber
Thread	3/8" BSP F x 3/8" BSP M

Part Number	055093
Length m (ft)	3 (10)
Type	Safety Leader Hose
Outer Cover	Rubber
Thread	1/2" BSP F x 1/2" BSP M

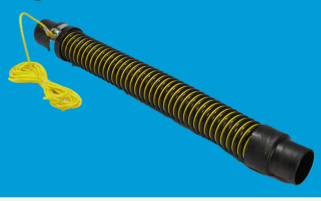
Part Number	0551616
Length m (ft)	3 (10)
Type	Safety Leader Hose
Outer Cover	Rubber
Thread	1/2" BSP M x 1/2" BSPT M

TIGER TAIL

Supplied as a 0.9m length of flexible smooth yellow polyethylene hose with special inserts and hard wearing black spirals this "Tiger Tail" hose feed guide protects the high pressure jetting hose as it passes around tight bends and manhole exits.
Complete with a guide rope it is easy to use and aids placement of the jetting nozzle into the drain entrance. It is avaialbel in two sizes accetping nozzles up to 50mm and 75mm in diameter.



Tiger Tail



Protects all hoses from wear and tear.

Part Number	055147
Outer Cover	PE
Length m (ft)	0.9 (3)
Bore Size mm (in)	50 (2)

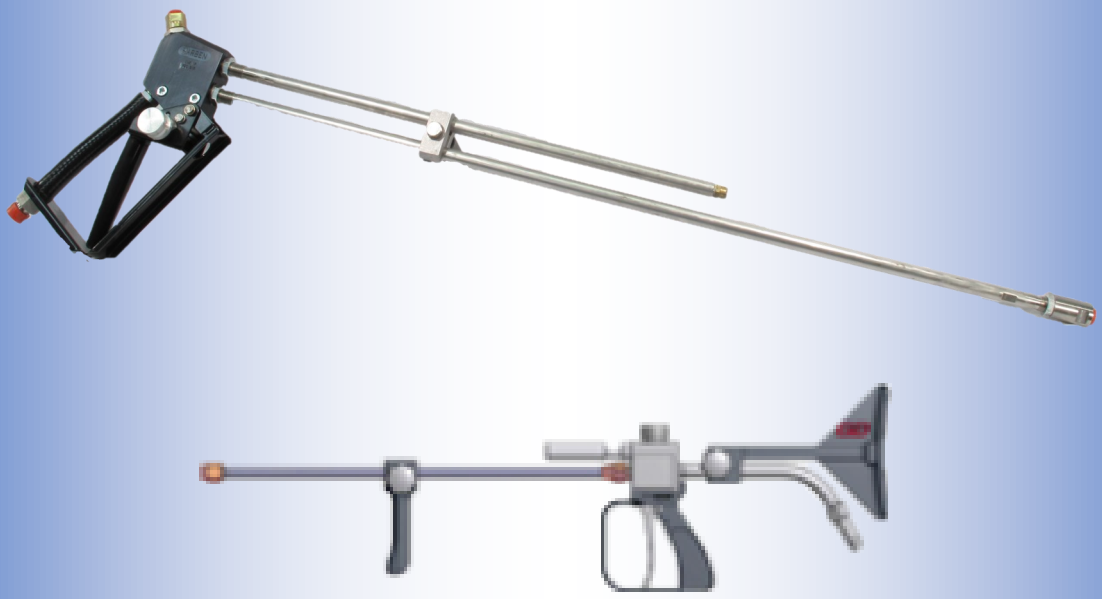
Tiger Tail

Protects all hoses from wear and tear.

Part Number	0551443
Outer Cover	PE
Length m (ft)	0.9 (3)
Bore Size mm (in)	75 (3)

HIGH PRESSURE GUNS

Harben high pressure dump guns are the safest way to control hand jetting applications. The dump barrel system prevents pressure being trapped in the gun when the trigger is released therefore stopping dangerous accidental discharges.
The pressure barrel can be fitted with a variety of cleaning nozzles for applications such as cleaning manholes, forecourts or other large flat areas.
A shoulder stock kit (7001931) is available for the MkII gun to help the operator safely control reaction forces and the gun should always be used with a safety shroud (057381) to protect against hose bursts. The gun complies with BS EN 1829:1



MkII Gun

The Flowplant MkII gun is light and easy to use. It is a useful addition to any jetting machine up to 415 bar.

Part Number	031040
Thread Size	1/2" BSP M
Flow l/min (gpm)	54 (12)
Pressure bar (psi)	415 (6000)

1000 Bar Dump Gun

Our 1000 bar dump guns with quick change service cartridges are easy to use and safe for operators.

Part Number	033355
Thread Size	1/2" BSP M
Flow l/min (gpm)	100 (22)
Pressure bar (psi)	1000 (15000)

MkII Shoulder Stock

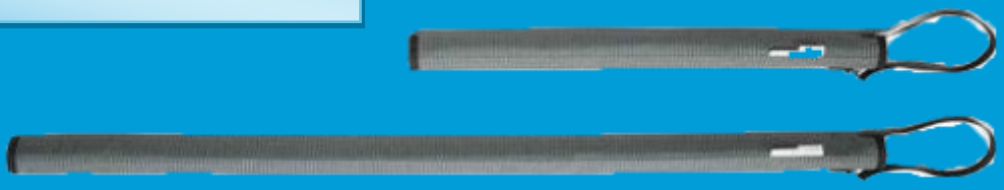
The MkII gun shoulder stock is a necessary safety addition when operating at higher pressures and reaction forces.

Part Number	7001931

Safety Shroud

Easy to fit and offering protection against hose bursts for gun operators, hose shrouds must be used in all gun jetting applications.

Part Number	057381
Max Pressure bar (psi)	700 (10000)



FOOT CONTROL VALVE

The mechanical foot control valve enables the operator to safely control the flow of water to the jet nozzle, when remote from the jetting unit.
The valve is connected into the high pressure supply hose and is fitted with an inlet, outlet and dump port.

Foot Control Valve

A vital safety accessory when operators are remote from the machine. Operates on a “dump” basis with In/Out/Dump ports.

Part Number	032601
Thread Size	1/2" BSP M
Flow l/min (gpm)	72 (16)
Pressure bar (psi)	415 (6000)

Foot Control Valve

A vital safety accessory when operators are remote from the machine. Operates on a “dump” basis with In/Out/Dump ports.

Part Number	033274
Thread Size	1/2" BSP M
Flow l/min (gpm)	100 (22)
Pressure bar (psi)	700 (10000)

Foot Control Valve

A vital safety accessory when operators are remote from the machine. Operates on a “dump” basis with In/Out/Dump ports.

Part Number	033318
Thread Size	1/2" BSP M
Flow l/min (gpm)	100 (22)
Pressure bar (psi)	1000 (15000)

ROTARY GUN JET

Our 415 bar water lubricated rotary gun jet is simple, effective and low cost.
The spinning pencil nozzles produce a high pressure cone that cleans effectively over a wider path, combining the benefits of fan and pencil jets into a powerful cleaning tool.
The rotary gu nozzle is a useful addition to any cleaning set up extending the use and productivity of your jetting gun.

Part Number	056326
Thread Size	1/2" BSP F
Flow l/min (gpm)	60 (13)
Pressure bar (psi)	415 (6000)

A very versatile rotary gun jet for cleaning hard scale and dirt from large surfaces. Particularly well suited to our MkII jetting gun.

SAFETY BURST DISCS

Safety pressure discs are designed to rupture if the working pressure of the jetter rises significantly above the maximum working pressure, such as might occur when a jetting nozzle becomes blocked.
A stock should always be kept with the jetter and only genuine replacement parts should be used in the pressure disc holder.

Description	Burst Dics 1800 psi
Part No	011019
Colour	Yellow

Description	Burst Disc 2000 psi
Part No	011020
Colour	Blue

Description	Burst Disc 2500 psi
Part No	011021
Colour	Red

Description	Burst Disc 3000 psi
Part No	011022
Colour	Purple

Description	Burst Disc 3500 psi
Part No	011045
Colour	Green

Description	Burst Disc 4000 psi
Part No	011046
Colour	White

Description	Burst Disc 5000 psi
Part No	011047
Colour	Black

Description	Burst Disc 6000 psi
Part No	011107
Colour	Orange

Description	Burst Disc Holder
Part No	013043
Colour	Stainless Steel

SAFETY EQUIPMENT

Our jetting helmets are fully adjustable and meet all current legislation. They are designed for high pressure water jetting operators and provide hearing, head, face and chin protection.
Our jetting boots have been specially designed to withstand a water jet up to 800 bar (11,600 psi) accidentally passing over the top of the foot (metatarsal), an area that is left exposed by many other wellington boot designs.
Such accidents can happen when using a jetting gun for washing down or surface cleaning. They are resistant to oils, petrol, dilute acids and alkalis and have a slip resistant sole and energy absorbing heel . The boot is designed to meet EN345-54 and DIN 2 3329.

The WJA safety sign is a 340mm x 500mm foldable and waterproof sign with tough nylon eyelets making it easy to secure in place with ties or bungee straps.

Metatarsal safety boots size 6

Description	Metatarsal safety boots size 6
Part No	065076

Metatarsal safety boots size 7

Description	Metatarsal safety boots size 7
Part No	065061

Metatarsal safety boots size 8

Description	Metatarsal safety boots size 8
Part No	065060

Metatarsal safety boots size 9

Description	Metatarsal safety boots size 9
Part No	065057

Metatarsal safety boots size 10

Description	Metatarsal safety boots size 10
Part No	065058

Metatarsal safety boots size 11

Description	Metatarsal safety boots size 11
Part No	065066

Metatarsal safety boots size 12

Description	Metatarsal safety boots size 12
Part No	065065

Safety Sign WJA

Description	Safety Sign WJA
Part No	061054

Complete Helmet Set

Description	Complete Helmet Set
Part No	065013

BUILD ACCESSORIES

We offer a range of build accessories which can be added after you machine has been delivered.
This helps you to optimise your machines efficiency and improve functionality

Part Number	700 1667
Description	Antifreeze kit
Type	Accessory
Suitable For	DTB/DTK

High capacity anti freeze tank allows up to 180m hose to be frost protected

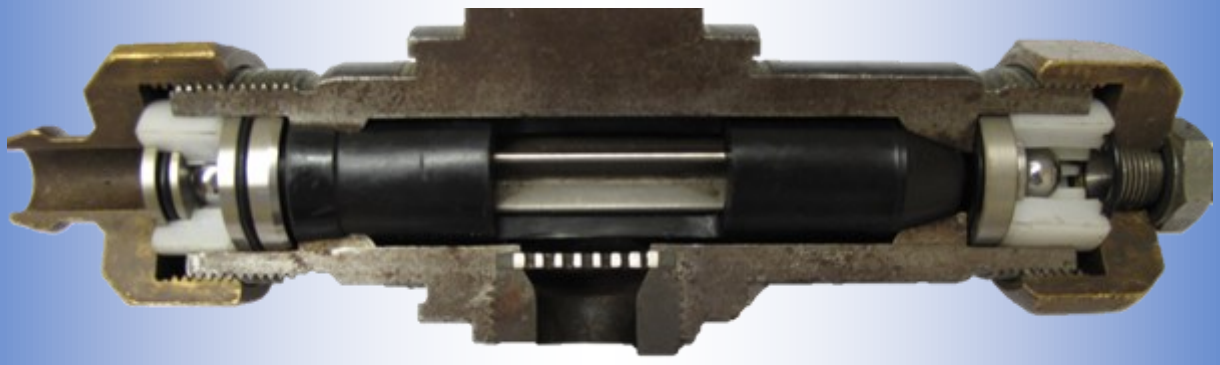
Part Number	700 1932
Description	Inlet Hose reel
Type	Accessory
Suitable For	DTB/DTK

Inlet hose reel with 25m x 3/4” hose for mounting onto trailer A frame

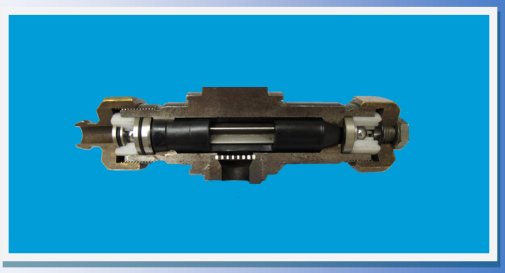
SPARES AND REPAIR KITS

Keep your Harben pump in excellent condition with our range of OEM spares and repair kits.

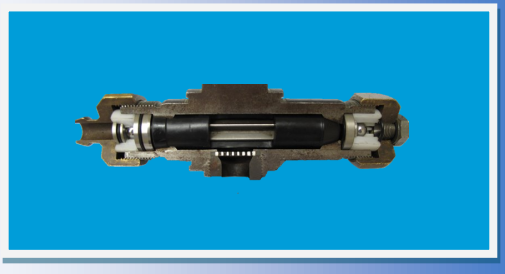
Never use copy parts to repair your high pressure pump. It can cause serious damage and even operator injury.



Description	Overhaul kit
Type	Valve & Diaphragm
Suitable For	P type 6 cylinder
Part Number	023 238

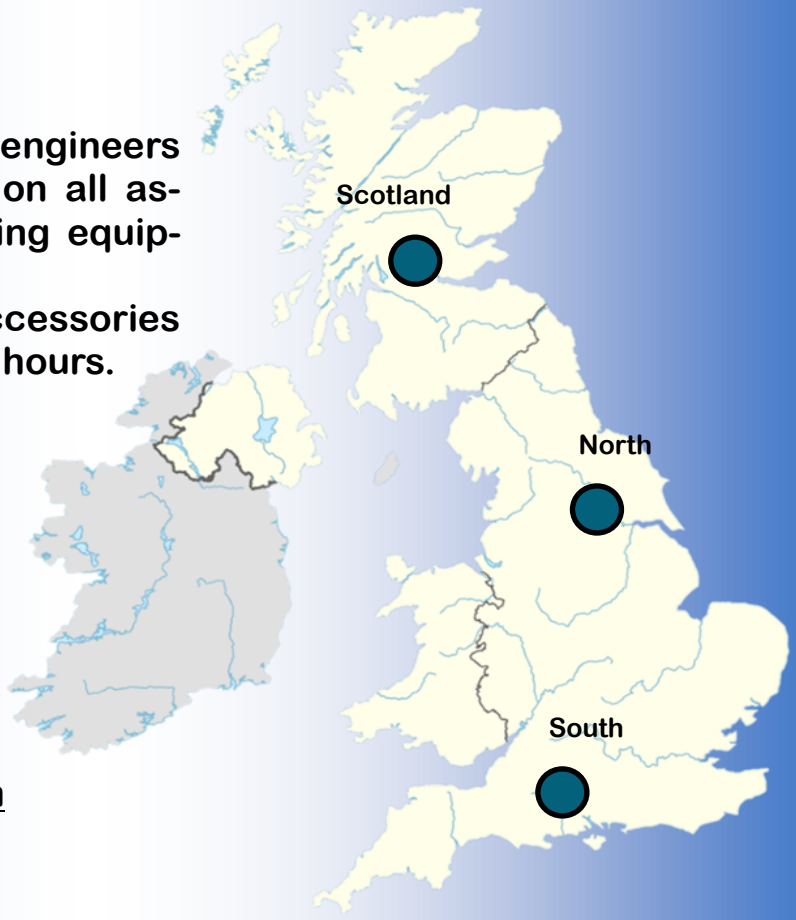


Description	Overhaul kit
Type	Valve & Diaphragm
Suitable For	P type 8 cylinder
Part Number	023 239



UK SERVICE & REPAIRS

Our network of mobile service engineers are on hand to offer support on all aspects of maintaining your jetting equipment.
A full range of spares and accessories are available within 24 working hours.



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