Product Specification

Harben® Cable Duct Desilter Systems

Available on a range of Harben units

1000's km of duct desilted since 1990

- Up to 500m cleaning range from one entry point
- Low pressure / low flow operation for safety
- 100mm diameter (Duct 54)
- Unblock, desilt and rope in one operation
- New heavy duty Harben LB "Jump Jet" pump
- High capacity hose reel
- Lightweight low friction desilter hose
- High efficiency desilter nozzles

	Harben Desilter Units
Pressure and Flow	Up to 140 bar @ 40 lpm with heavy duty "Jump Jet" in operation
Pump	Harben® 'P' type LB Jump Jet desilter pump
Jump Jet System	Heavy duty twin cylinder jump jet with mode selector valve
Duct Dimensions	100mm diameter (Duct 54) up to 500m (trailer) or 180m (van pack) (with or without cable in-situ)
Work Rate	The work rate is dependant upon duct condition, but 100m per 250 litre of water is often achieved
Hose Reel	Variable-speed hydraulic-rewind hose reel
Desilter Hose	Lightweight, low friction, abrasion resistant, 1/2" bore high resilience, low stretch.
Weight	Trailed systems from 1600 kgs plated weight (959 kgs unladen) Vehicle mounted systems from 1200 kgs incl water*
Dimensions	Length – 3287mm Width – 1690mm Height 1350mm (Trailer unit)
Accessories	High efficiency desilting nozzles x 3, Anti freeze kit, Inlet hose reel 1/2" lightweight low friction desilter hose (length to suit duct length) High capacity heavy duty hose reel

* All weights and dimensions are approximate

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- High Pressure
- Cleaner Solutions

Compact and lightweight— minimal traffic interference

Setting up a Harben desilter on a main highway

What's the problem?

Water ingress and run off from the road carries silt into the ducts often blocking them completely. The low pressure / low flow Harben desilting system can unblock and clean the duct with no danger of damaging in-situ cables. Single pass runs up to 200m are achievable allowing the duct to be roped for future cabling access.

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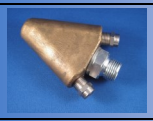
Optional Accessories

	Desilter Options	Part No.
	Anti Freeze Kit	7001667
	Inlet Hose Reel Assembly c/w 25m hose	7001932

	Desilting Nozzles	Part No.
	1/2” Standard Drain Jet - 3r 1/2” Standard Drain Jet - 3r,1f 1/2” Standard Drain Jet - 6r	056097 056413 056584
	1/2” Ceramic Standard Desilting Nozzle—3r, 6r, 3r1f or 6r1f	0561126
	1/2” Ceramic Rope Towing Nozzle - 3r or 6r	0561126 c/w 057397
	Mini Jet (Ball) - 3r Mini Jet (Ball) - 3r,1f	056126 056412
	High Efficiency Sapphire Silt Bomb	0561127
	Primus Rotary Descaling Jet with Ceramic Nozzles	0561125
	1/2” Plough Jet - 2r	056044

	Hoses	Part No.
	Tuffskin Lightweight Desilter Hose 90m	0551229
	Stauffshield Ultra High Molecular Weight Hose - 90m	0551580
	Safety Leader Hose - 3m	055093
	Hose Coupler - 1/2” Male/Male	013039
	Hose Couple - 1/2” Female/Female	023469

	Desilting Accessories	Part No.
	Mini Jet Kit - 6m - 3r1f Mini Jet Kit - 6m - 3r Mini Jet Kit - 15m - 3r Micro Mini Jet Kit - 6m - 3r1f	023220 023227 023275 032601
	Tiger Tail - 2” Tiger Tail - 3”	0551443 055147
	Jet Extension - 9” Jet Extension - 12” Jet Extension - 18”	033085 033086 033087
	MkII High Pressure Dump Gun Shoulder Stock MkII Gun Safety Shroud P&A Gun Spinning Nozzle - 2f	031040 7001931 7001679 056326
	1.5” Jet Pump	032121
	Meterage Counter (Hose Feed Guide Counter)	7002118

	Desilter Spare Parts	Part No.
	Water Filter Element	N06021
	Water Filter Rubber Seal	N05108
	Pressure Discs - White	011046
	Pressure Disc Holder	013043

	Safety Equipment	Part No.
	Helmet Set	065013
	Safety Boots (Sizes 6 - 12)	TBC
	Waterproof Suit Sizes S - XL)	TBC
	Gauntlet Gloves	065064
	Safety Burst Discs (White 4000psi)	011046
	Safety Sign	061054

View our Accessory Brochure online at http://www.flowplant.com/wp-content/uploads/2018/08/Accessories-Brochure-2017-1.pdf