

Wire rope and chain scraper

The chain scraper head enz golden jet® is a highly effective multi-purpose tool designed for easy use and maintenance under rugged work conditions. All rotating chain scraper models can be adapted to a wide range of pipe diameters by simply adjusting the skid and selecting the respective chain length.

For extra heavy deposits, chains with welded manganese steel plates and roller chain attachments are available for our larger chain cutters. (Roller chains are NOT recommended in clay pipes)

Due to their high cleaning effect, rotating chains generate considerable mechanical forces. Any pipe made from steel, cast iron or plastic will accept these forces without risk of damage.

When working in clay pipes a Cable Loop attachment is available for pipes 8" thru 16" diameter. Clay pipes have a tendency to be brittle due to damage from roots, external forces and offsets. The cable loop attachment offers a softer cleaning effect when operating under these conditions.

(Prior to the use of chain scrapers, especially in clay pipes, it is strongly recommended to pre-clean with an enz® Grenade Bomb or Rotojet Nozzle. We also recommend video inspection for pipe offsets and cracks which might impair the integrity of the pipe during the cleaning process.)

Applications

- Cleaning pipes prior to the installation of liners (application of coating and injections)
- Complete root removal
- Removal of incrustations, hardened grease and mineral deposits
- Removal of concrete seepage in newly installed sewage pipelines
- Removal of certain damaged liners
- Cutting of taps with diamond crown cutter



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Chain scraper 1/4" - 1"



	10.028N	10.060ATR-US**	10.060BTR-US**	10.060CTR-US**	10.125TR-US**
	1/4 NPT	3/8 NPT	1/2	3/4	1
	1.6 - 4	2, 3, 4, 5, 6, 8	2, 3, 4, 5, 6, 8	2, 3, 4, 5, 6, 8	4, 5, 6, 8, 10, (12*)
	5	8 (13*)	8 (13*)	8 (13*)	13 (40*)
	3 × M4	2 × M6	2 × M6	2 × M6	1 × M6 - up to 44 gpm 2 × M6 from 44 gpm
	3 × M4	4 × M6	4 × M6	4 × M6	4 × M8
	1.6/1.1 × 3.2	1.6 × 4.4	1.6 × 4.4	1.6 × 5.3	2.4 × 5.7
	0.71	2.10	2.10	2.35	5.56
	5,075	5,075	5,075	3,625	3,625
	—	✓	✓	✓	✓



	10.061A	10.061B	10.125TR-US
	1/2	3/4	1
	3 - 6	3 - 6	5, 6, 8, 10
	16	16	13
	3 × M6	3 × M6	1 × M6 up to 52.8 2 × M6 from 52.8
	3 × M6	3 × M6	4 × M8
	2.4 × 5.3	2.4 × 5.3	2.4 × 5.7
	3.11	3.11	16.35
	3,625	3,625	4,000
	—	—	✓

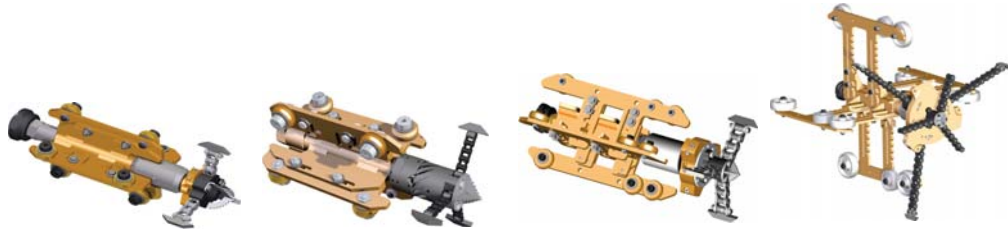
	Connecting thread [inch]		Thrust jet		Weight [lb.]
	Application range [inch]		Front jet		Recycling
	min. gpm at 1450 psi at the nozzle		Maximum pressure [psi]	*	Option
	Rotating nozzles		Measures [inch]	**	Various Ø available



Wire rope and chain scraper

Wire rope and chain scraper for recycling water 1"

These tools can be operated with Recycling-Water so that they allow an economically working principle. All models below are available in the RS (Link chain) version.



	10.150RL	10.150TR/RS	10.200R/RS	10.400R/RS
	1	1	1	1
	6 - 10	6 - 10	8 - 16	16 - 32
	26	26	53	79
	3 × M8	2 × M6	3 × M10	3 × M10
	3 × M10	4 × M8	3 × M10	3 × M10
	5.3 - 9.2 × 19.7	5.3 - 9.2 × 15.0	7.3 - 15.2 × 22.0	15.2 - 30.9 × 24.6
	29.11	28.67	77.78	104.44
	3,625	3,625	3,625	3,625
	✓	✓	✓	✓



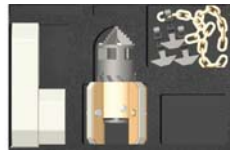
	Connecting thread [inch]		Thrust jet		Weight [lb.]
	Application range [inch]		Front jet		Recycling
	min. gpm at 1450 psi at the nozzle		Maximum pressure [psi]	*	Option
	Rotating nozzles		Measures [inch]	**	Various Ø available

Wire rope and chain scraper sets



10.060ATR/BTR/CTR-SET-US

A=3/8, B=1/2, C=3/4







10.125TR-SET-US




2	optional	1	—
3	optional	—	—
4	inclusive	optional	optional
5	optional	optional	optional
6	inclusive	inclusive	inclusive
8	optional	inclusive	inclusive
9	—	optional	optional
10	—	inclusive	inclusive
12	—	optional	optional
	3.8		14.5








Accessories 10.028

	Pipe diameter	Ø 2"	Ø 3"	Ø 4"	per yard
	Pin bolt chains	0010.028050G	0010.028075G	0010.028100G	0010.028G
	Chain	0010.028050K	0010.028075K	0010.028100K	0010.028K
	Root knife (all Ø)	0010.0285M			
	Cage (all Ø)	0010.0286			









Accessories 10.061A/B

	Pipe diameter	Ø 3"	Ø 4"	Ø 6"	Ø 8"	per yard
	Chain	11.07	11.09	11.11	11.13	11






Accessories 10.060ATR/BTR/CTR-US

	Pipe diameter	Ø 2"	Ø 3"	Ø 4"	Ø 5"	Ø 6"	Ø 8"	per yard
	Pin bolt chains	0010.060060G	0010.060075G	0010.060100G	0010.060125G	0010.060150G	0010.060200G	11.G
	Chain (1 set)	0010.040060K	0010.040075K	0010.040100K	0010.040125K	0010.040150K	0010.040200K	0010.040K
	Root knife (all Ø)	0010.0605TRM						
	Housing excl. skids (all Ø)	0010.0607TR						
	Housing incl. skids (all Ø)	0010.0407						
	Skids	—	—	0010.060710TR	0010.060712TR	0010.060715TR	0010.060720TR	
	Milling cutter head (all Ø)	0013.0405TR						




Accessories 10.125TR-US

	Pipe diameter	Ø 4"	Ø 5"	Ø 6"	Ø 8"	Ø 9"	Ø 10"	Ø 12"	per yard
	Pin bolt chains	0010.125100G	0010.125125G	0010.125150G	0010.125200G	0010.125225G	0010.125250G	0010.125300G	0010.125G
	Chain (1 set)	0010.125100K	0010.125125K	0010.125150K	0010.125200K	0010.125225K	0010.125250K	0010.125300K	11
	Wire brush	—	—	0010.125150SE	0010.125200SE	—	0010.125250SE	—	
	Diamond crown (Ø 4.7")	0010.120D							
	Root knife (all Ø)	0010.1254TR							
	Housing skids (all Ø) excl.	0010.1257TR							
	Skids	0010.125710TR	0010.125712TR	0010.125715TR	0010.125720TR	0010.125722TR	0010.125725TR	0010.125730TR	
	Milling cutter head (all Ø)	0013.0605TR							















Accessories 10.150RL

	Pipe diameter	Ø 6"	Ø 8"	Ø 10"	per yard
	Pin bolt chains	0010.150150G	0010.150200G	0010.150250G	0010.150G
	Chain	0010.150150K	0010.150200K	0010.150250K	11.B
	Chain plates (all Ø)	0010.1508R			
	Skids with rolls (all Ø)	0010.1502R			
	Diamond crown	0010.150D	0010.200D		













Accessories 10.150TR/RS

	Pipe diameter	Ø 6"	Ø 8"	Ø 10"	per yard
	Pin bolt chains (1 set)	0010.125150G	0010.125200G	0010.125250G	0010.125G
	Chain	0010.125150K	0010.125200K	0010.125250K	11.B
	Diamond crown (all Ø)	0010.150D			

Accessories 10.200R/RS

	Pipe diameter	Ø 8"	Ø 10"	Ø 12"	Ø 14"	Ø 16"	per yard
	Pin bolt chains (1 set)	12.200G	12.250G	12.300G	12.350G	12.401G	12.G
	Chain	12.03	12.07	12.09	12.11	12.13	12
	Link chain with plate	12.03P	12.07P	12.09P	12.11P	12.13P	—
	Pull part (all Ø)	0010.2006					
	Chain plates (all Ø)	0010.2008R					
	Cutter head (all Ø)	10.20043R					
	Universal teeth (all Ø)	15.ZU					
	Centre tooth or centre cap (all Ø)	15.ZS					
	Centerhead (all Ø)	0010.2004R					
	Wire rope head (all Ø)	0010.2005					
	Wire rope loop (1 set)	12.2005	12.2505	12.3005	12.3505	12.4005	
	Rope brushes (1 set)	12.2005E	12.2505E	12.3005E	12.3505E	12.4005E	
	Diamond crown (all Ø)	0010.200D	0010.250D	0010.300D	—	—	
	Skids with rolls (front), Skids with rolls (back) (all Ø)	0010.20071R 0010.20072R					

Accessories 10.400R/RS

	Pipe diameter	Ø 16"	Ø 18"	Ø 20"	Ø 22"	Ø 24"	Ø 26"	Ø 28"	Ø 30"	Ø 32"	per yard
	Pin bolt chains (1 set)	12.402G	12.450G	12.500G	—	12.600G	—	12.700G	—	12.800G	12.G
	Chain for center head	12.400ZG	12.400ZG	12.400ZG	12.400ZG	12.400ZG	—	12.400ZG	12.400ZG	12.400ZG	
	Chain (1 set)	12.07	12.09	12.11	12.13	12.15	12.17	12.19	12.21	12.23	12
	Pull part (all Ø)	0010.2006									
	Cutter head (all Ø)	10.20043R									
	Universal teeth (all Ø)	15.ZU									
	Centre tooth for centre cap (all Ø)	15.ZS									
	Center head (all Ø)	0010.4004R									
	Wire rope head (all Ø)	0010.4005									
	Wire rope loop (1 set)	12.250S	12.300S	12.350S	12.400S	12.600S	—	12.700S	—	—	
	Rope brushes (1 set)	12.250SE	12.300SE	12.350SE	12.400SE	—	—	—	—	—	
	Skids with rolls for egg shaped pipes (all Ø)	10.4008R									