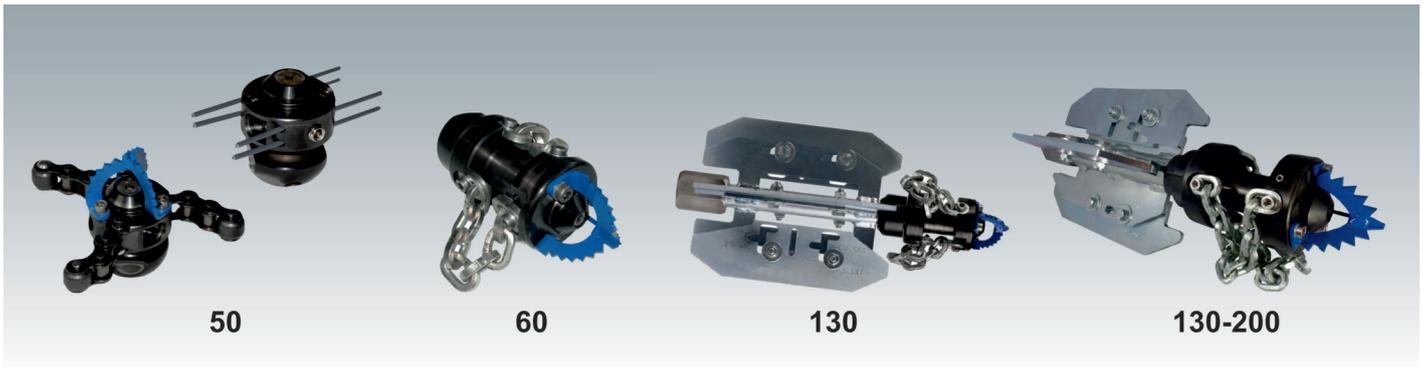


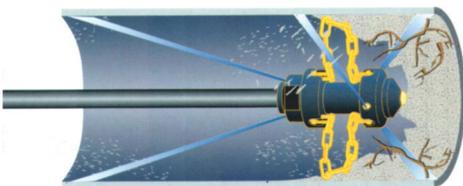
CONVENTIONAL ROOTS CUTTER NOZZLES



- The roots cutter nozzle is an apparatus of universal use and is simple in handling and maintenance. Several different pipe diameters can be cleaned with the same tool.
- The depositions of scale layers, concrete residues and roots, are efficiently removed.
- All apparatus are equipped with central blades. The water jet outs by replaceable ceramic graft nozzles for longer use.

APPLICATIONS:

- Removal total roots.
- Scale removal and deposits.
- As preliminary cleaning before the rehabilitation with internal coatings.
- Elimination of recent concrete fragments in the new pipes before the first inspection.
- Máximum working pressure: 150 bar

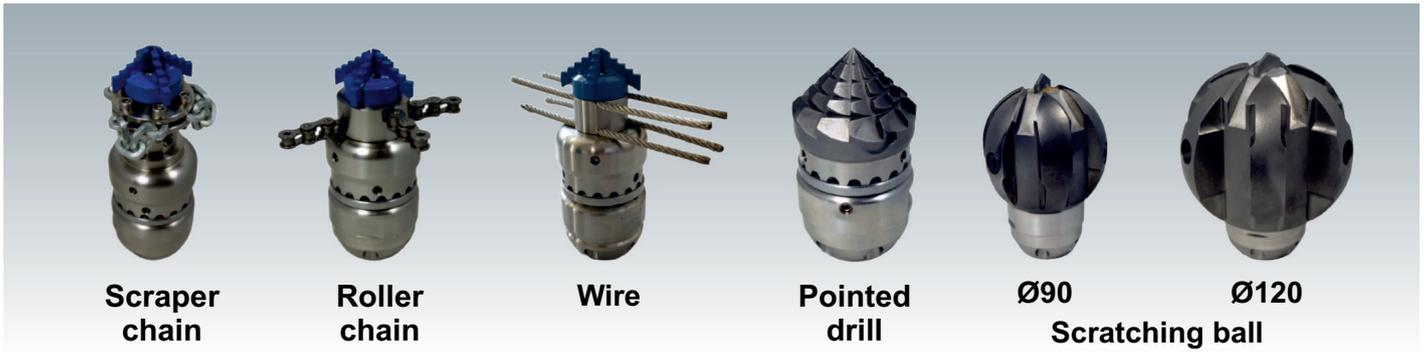


IMPORTANT:

The single chain must tear and not strike the walls of the tube. For the ideal length of the chains it must be adjusted to the diameter of every pipe.

Ref.	Thread connection	Dimensions (mm)	Rotative jets (mm)	Rear jets (mm)	Min. Flow a 100 bar (l/min)	Application Ø Pipes (mm)	Weight (Kg)
28107504	1/2"	Ø50 x 95	3 x M6 - 25°	3 x M6 - 25°	40	80-150	0,7
28107604 28107605	1/2" 3/4"	Ø60 x 150	3 x M6 - 90°	3 x M6 - 25° 4 x M6 - 25°	80	80-150	1,7
281071306	1"	Ø130 x 380	3 x M6 - 90°	4 x M6 - 25°	100	130-250	5,7
281072006	1"	Ø200x 420	3 x M6 - 90°	4 x M6 - 25°	100	200-250	8,0

ROOT CUTTING NOZZLES - TURBINE TYPE



With a long-lasting internal mechanism. The rotor-chain rotates on turbine bearings, preventing the wear that would occur between the central shaft and the rotor, as happens in conventional root cutters.

Ref.	Tipo	Thread connection	Dimensions (mm)	Rear jets (mm)	Min. Flow a 100 bar (l/min)	Application Ø Pipes (mm)	Weight (Kg)
281075961 281075962 281075963 281075964	Scraper chain Roller chain Wire Pointed drill	1"	Ø59 x 78	6 x M6 - 25°	80	100-150	1,1
28107906	Scratching ball	1"	Ø90 x 135	6 x M6 - 25°	80	100-150	4
281071206	Scratching ball	1"	Ø120 x 270	6 x M6 - 25°	80	100-150	12



Ref.	Thread connection	Dimensions (mm)	Rotative jets (mm)	Rear jets (mm)	Min. Flow a 100 bar (l/min)	Application Ø Pipes (mm)	Weight (Kg)
281075006 281075007	1" 1 1/4"	Ø500 x 780	3xM10 - 36°	6xM10 - 23°	120 300	250-500	21,4
281077006 281077007	1" 1 1/4"	Ø700 x 780	3xM10 - 36°	6xM10 - 23°	120 300	350-700	32,0
281071406	1"	Ø140 x 329	3x(6x) - 45°	6x - 25°	80	150-200	13,2
281072005 281072006	3/4" 1"	Ø200 x 567	3x(6x) - 45°	6x - 25°	80	200-400*	18,3

*Option: Ø250-Ø500

ACCESSORIES

