

# ROTOPULS NOZZLES

The jet rotating nozzle produces very fast vibrations and the pulsating jets make the rotor move. This results in impacts that are so strong that deposits of 10 cm are disintegrated.

Thanks to the application of the rotopuls nozzle, the more expensive work with the cutting tools or with the chain flail head can be avoided in many cases.

The HRH-Rotopuls nozzles are conceived to remove middle-hard deposits in pipes of plastic, steel or concrete.

Important: Rotopuls nozzles develop strong hydraulic impacts and vibrations. This can possibly cause damages in some sort of pipes (e.g. earthenware pipes, thin-walled plastic pipes or badly-bedded PVC pipes).

Working pressure: up to 250 bar



## Rotopuls HRH

Indicated to remove semihard deposits in plastic pipes, steel, etc.  
4 Jets to 45° backwards.



## Rotopuls KBR

Formed with 2 jets to 90° and two to 45° backwards, it provides a strong impact able to remove hard deposits.



## Turbopuls TU

Type B strong capacity of removing due to the contact of the vibratory frame against sediments on the pipe.

Type	Ref.	Diameter (mm)	Length (mm)	Application Ø Pipes (mm)	Weight (kg)	Thread connection	Min. Flow (l/min a 100 bar)
HRH	02.100AE	100	180	200-600	7,4	1"	200
	02.100BE	100	180	200-600	7,4	1 1/4"	200
KBR	04.028AE	28	56	30-100	0,2	1/4"	10
	04.040AE	40	80	70-150	0,5	1/2"	20
	04.050AE	50	99	100-200	1,1	1/2"	70
	04.050BE	50	99	100-200	1,1	3/4"	70
	04.060EK	60	111	100-300	1,6	1"	100
	04.060E	60	165	100-300	2,6	1"	100
	04.100AE	100	180	200-600	7,4	1"	200
	04.100BE	100	180	200-600	7,4	1 1/4"	200
TU	410.080A	78	210	150-300	4,3	1/2"	120
	410.080B	78	210	150-300	4,3	3/4"	120
	410.120A	120	320	200-1.000	14,5	1"	150
	410.120B	120	320	200-1.000	14,5	1 1/4"	150