

Turbo nozzle

TD 1200-S

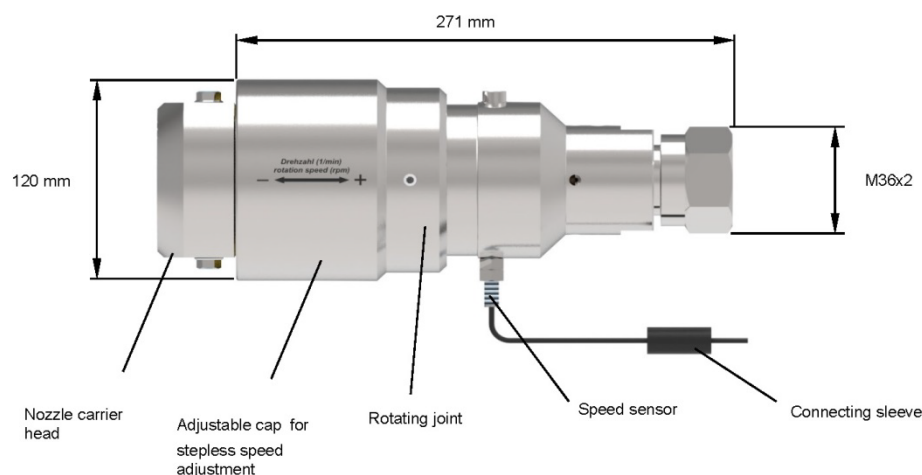
The TD1200S turbo nozzle is a high-powered water jet tool with a rotating nozzle carrier head and is suitable both for cleaning pipes, containers, tanks and mould and for cleaning surfaces from a stationary position. The speed of the turbo nozzle can be freely adjusted. The turbo nozzle has excellent removal performance.



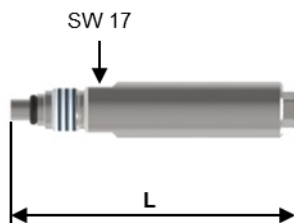
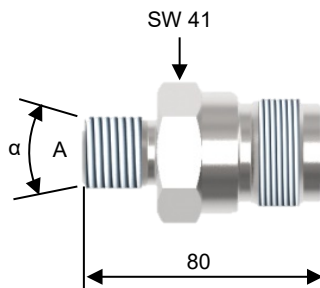
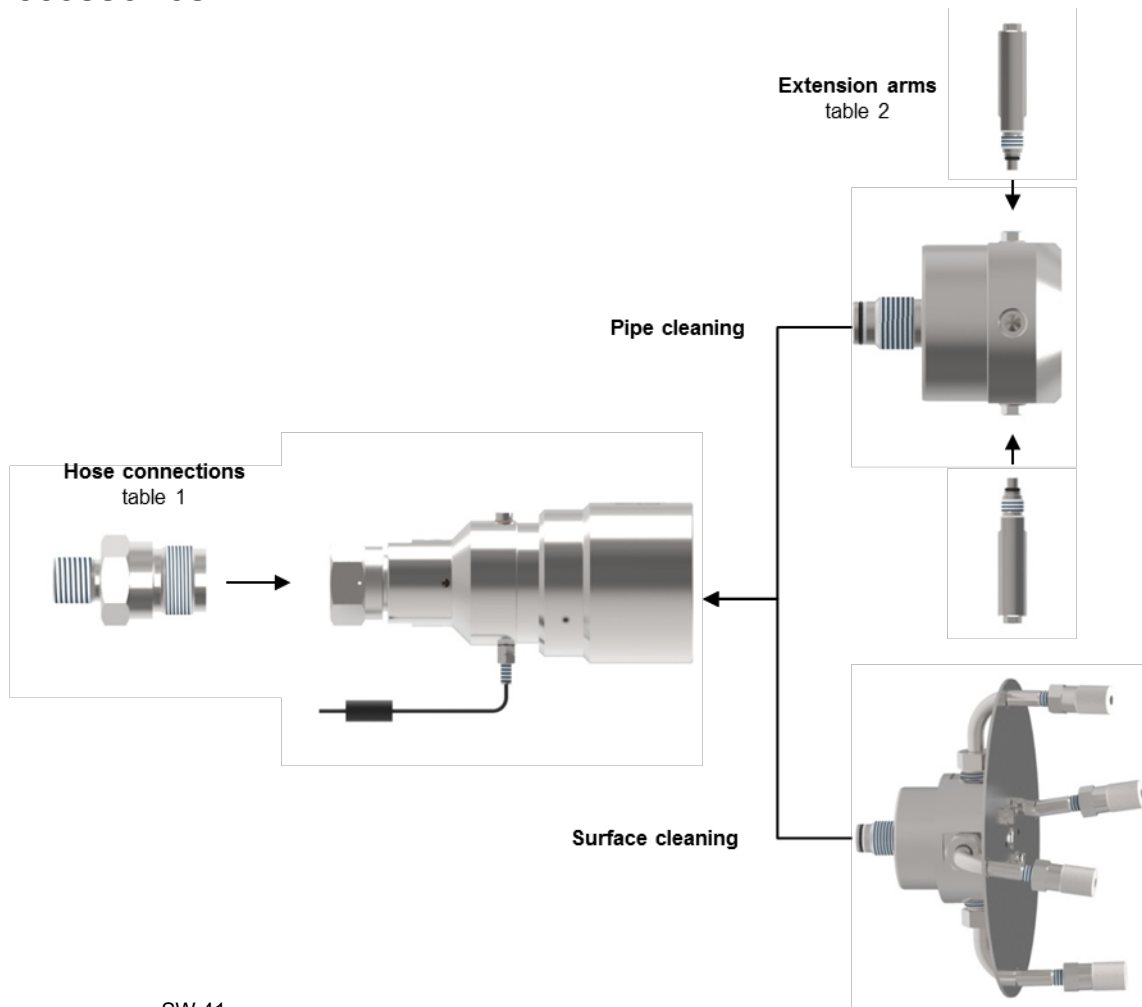
Special benefits

- Adjustable speed
- Dirt resistant due to sealing systems
- Components carrying pressure are made of corrosion-resistant steel
- Long service life
- Easy maintenance, even on construction sites
- Easy replacement of nozzle carrier heads and nozzles

Technical Data	
Material number	9.914-473.0
Operating pressure	max. 1200 bar
Nominal flow rate	max. 120 l/min
Medium temperature	max. 95 °C
Weight without nozzle carrier head	approx. 15 kg
Speed	max. 1500 rpm
Length (without nozzle carrier)	approx. 271 mm
Width (without nozzle carrier)	approx. 120 mm
High-pressure connection	M36x2
Suitable nozzles	Form 4
Number of nozzles	max. 4



Accessories



Hose connections - Table 1

Hose connection A (α)	Nominal width DN [mm]	Material number
M24 x 1.5 (24°)	12	9.877-918.0
M36 x 2 (24°)	20	9.877-919.0

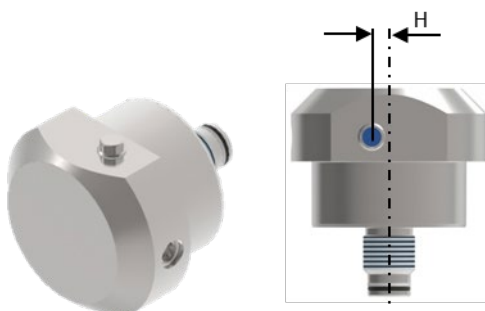
Extension arms - Table 2

Rotational diameter [mm]	Length L [mm]	Material number
260	106	9.913-011.0
450	195	9.912-946.0
600	270	9.912-948.0
1,000	470	9.912-949.0

Centraliser L

Pipe diameter [mm]	Length L [mm]	Material number
410 – 1500	1,170	9.742-824.0

Nozzle carrier heads



TD 1200-S 2-F4-10 Offset from centre H = 10 mm (Material number 9.916-155.0)												
Operating pressure [bar]		200	300	400	500	600	700	800	900	1000	1100	1200
Material number of nozzles*	Nozzle Ø [mm]	Volume flow [l/min]										
6.025-199.0	1.2											60
6.025-196.0	1.3										67	70
9.885-945.0	1.4								70	75	78	81
9.885-931.0	1.5							76	81	85	90	93
9.885-947.0	1.6						81	87	92	97	102	107
9.885-946.0	1.7					85	92	98	104	110	115	
9.885-932.0	1.8					95	103	110	117			
9.885-952.0	1.9				97	106	115					
9.885-933.0	2.0				107	118						

* 2 nozzles are required in each case.

TD 1200-S 2-F4-15 Offset from centre H = 15 mm (Material number 9.916-154.0)												
Operating pressure [bar]		200	300	400	500	600	700	800	900	1000	1100	1200
Material number of nozzles*	Nozzle Ø [mm]	Volume flow [l/min]										
6.025-198.0	1.0											42
9.885-951.0	1.1									46	48	50
6.025-199.0	1.2							49	52	55	57	60
6.025-196.0	1.3						54	57	61	64	67	70
9.885-945.0	1.4					58	62	67	71	74	78	
9.885-931.0	1.5					66	72	76	81			
9.885-947.0	1.6				69	75	81	87				
9.885-946.0	1.7			69	78	85	92					
9.885-932.0	1.8			78	87	95						
9.885-952.0	1.9			87	97	106						
9.885-933.0	2.0		83	96	107							

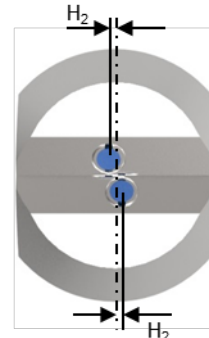
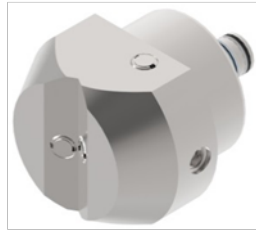
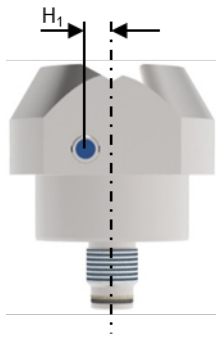
* 2 nozzles are required in each case.

TD 1200-S 2-F4-20 Offset from centre H = 20 mm (Material number 9.916-153.0)												
Operating pressure [bar]		200	300	400	500	600	700	800	900	1000	1100	1200
Material number of nozzles*	Nozzle Ø [mm]	Volume flow [l/min]										
6.025-198.0	1.0								36	38	40	42
9.885-951.0	1.1						38	41	44	46	48	50
6.025-199.0	1.2					42	46	49	52	55	57	
6.025-196.0	1.3					50	54	57	61			
9.885-945.0	1.4				53	58	62	67				
9.885-931.0	1.5			54	60	66	72					
9.885-947.0	1.6			62	69	75						
9.885-946.0	1.7		60	69	78							
9.885-932.0	1.8		67	78	87							
9.885-952.0	1.9		75	87								
9.885-933.0	2.0		83	96								

* 2 nozzles are required in each case.

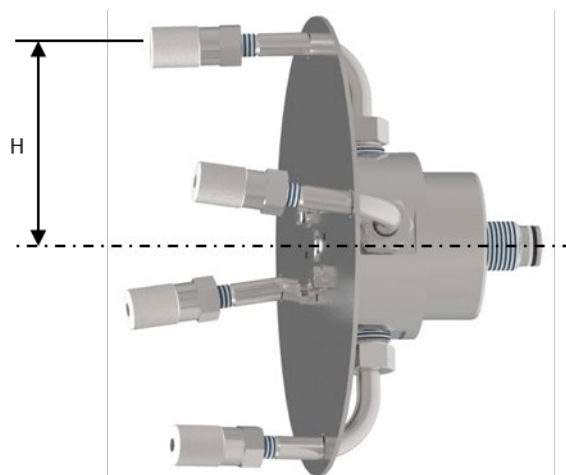
TD 1200-S 2-F4-25 Offset from centre H = 25 mm (Material number 9.914-480.0)												
Operating pressure [bar]		200	300	400	500	600	700	800	900	1000	1100	1200
Material number of nozzles*	Nozzle Ø [mm]	Volume flow [l/min]										
6.025-198.0	1.0						32	34	36	38	40	42
9.885-951.0	1.1					36	38	41	44	46	48	
6.025-199.0	1.2				39	42	46	49	52			
6.025-196.0	1.3				45	50	54					
9.885-945.0	1.4			47	53	58						
9.885-931.0	1.5			54	60							
9.885-947.0	1.6		53	62	69							
9.885-946.0	1.7		60	69								
9.885-932.0	1.8		67	78								
9.885-952.0	1.9		61	75								
9.885-933.0	2.0	68	83									

* 2 nozzles are required in each case.



TD 1200-S 4-F4-15-3 Offset from centre $H_1 = 15 \text{ mm}$ $H_2 = 3 \text{ mm}$ (Material number 9.918-048.0)													
Operating pressure [bar]		200	300	400	500	600	700	800	900	1000	1100	1200	
Material number of nozzles*	Nozzle Ø [mm]		Volume flow [l/min]										
	At H_1	At H_2											
6.025-198.0	1.0	1.0						32	34	36	38	40	42
9.885-951.0	1.1						36	38	41	44	46	48	
6.025-199.0	1.2					39	42	46	49	52			
6.025-196.0	1.3					45	50	54					
9.885-945.0	1.4				47	53	58						
9.885-931.0	1.5				54	60							
9.885-947.0	1.6			53	62	69							
9.885-946.0	1.7			60	69								
9.885-932.0	1.8			67	78								
9.885-952.0	1.9			61	75								
9.885-933.0	2.0		68	83									

* 2 nozzles are required in each case.



TD1200S 4-1 1/8 12 UNF-125 Offset from centre H = 125 mm (Material number 9.918-044.0)												
Operating pressure [bar]		200	300	400	500	600	700	800	900	1000	1100	1200
Material number of nozzles*	Nozzle Ø [mm]	Volume flow [l/min]										
9.885-950.0	0.70									37	39	41
6.025-200.0	0.80							43	46	49	51	53
9.886-902.0	0.85						46	49	52	55	58	60
6.025-470.0	0.90					48	51	55	58	62	65	
6.025-198.0	1.00				54	59	64	68	72			
9.885-951.0	1.10			58	65	71	77					
6.025-199.0	1.20			69	77	85						
6.025-196.0	1.30		70	81	91							
9.885-945.0	1.40		82	94								
9.885-931.0	1.50		94	108								
9.885-947.0	1.60	87	107									
9.885-946.0	1.70	98										
9.885-932.0	1.80	110										

* 4 nozzles are required in each case.