

Surface cleaning nozzle

Orbimaster 2500

Orbimaster combines the powerful force of a round jet with the area cleaning achieved with a flat jet. The Orbimaster can be fitted to lances, guns and robots with approved high-pressure screw fittings.



Special features

- Orbital movement of water jet
- Low weight
- Suitable for hot water operation up to 98 °C
- Rotor and seat from cemented carbide, housing from high-strength steel
- Self-rotating
- Rotor is easy to replace

Technical data

Operating pressure	max.	2500 bar
Medium temperature	max.	+98 °C
Weight	approx.	1.21 kg
High-pressure connection		9/16"-18 UNF-LH

Accessories

Designation	Material number
Connection adapter for guns with G 3/8" (e.g. HP 750)*	9.743-766.0
Special tool for replacing the rotor seat	6.025-233.0
Protective cap (plastic)	9.884-060.0
Protective cap (aluminium)	9.909-438.0
Replacement O-ring (must be replaced when replacing rotor seat)	9.917-868.0

*Sealing ring 9.881-592.0 must be ordered separately

Variants											
Rotor-Ø d [mm] Material number	Replacement rotor with seat Material number	Operating pressure [bar]									
		200	500	750	1000	1250	1500	1750	2000	2250	2500
		Nozzle flow rate [l/min] Recoil force in jet direction [N]*									
0.60 9.917-825.0	9.917-869.0	2.8 10	4.5 24	5.5 36	6.3 47	7.0 59	7.7 71	8.2 83	8.8 95	9.5 107	9.7 119
0.70 9.917-826.0	9.917-870.0	3.4 11	5.3 28	6.5 42	7.5 57	8.3 71	9.1 85	9.8 99	10.4 113	11.0 127	11.5 150
0.75 9.917-827.0	9.917-871.0	3.7 12	6.0 31	7.1 47	8.2 62	9.2 78	10.0 93	10.8 108	11.4 124	12.1 140	12.7 155
0.80 9.917-828.0	9.917-872.0	4.7 16	7.3 39	8.9 59	10.3 79	11.5 98	12.5 118	13.4 137	14.3 157	15.1 177	15.8 196
0.85 9.917-829.0	9.917-873.0	5.1 17	7.9 42	9.6 64	11.2 85	12.5 106	13.6 127	14.6 150	15.5 169	16.4 191	17.2 212
0.90 9.917-830.0	9.917-874.0	6.3 21	9.9 53	12.1 79	13.9 105	15.4 132	16.8 158	18.1 184	19.3 210	20.3 250	21.3 264

* For a manual spraying unit without body support, a max. recoil force of **150 N** is permitted.

* For a manual spraying unit with body support, a max. recoil force of **250 N** is permitted.