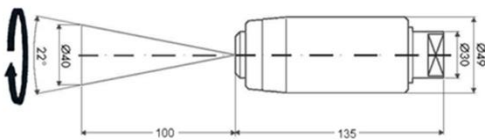


Surface cleaning nozzle

Orbimaster 1500

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. Using protective caps from the accessories range is recommended for concrete remediation in particular.



Special features

- High surface coverage thanks to 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
- Straightforward operation
- Self-rotating
- Rotor is easy to replace

Technical data

Operating pressure	max.	1,500 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", lance diameter 25 mm	9.872-159.0
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

Variants													
Rotor-Ø d [mm] Material number	Replacement rotor with seat Material number	Operating pressure [bar]											
		400	500	600	700	800	900	1000	1100	1200	1300	1400	1500
		Nozzle flow rate [l/min] Recoil force in jet direction [N]*											
0.85 9.886-726.0	9.884-067.0	8.6 40	9.6 50	10.5 60	11.3 70	12.1 80	12.9 90	13.6 100	14.2 110	14.8 120	15.5 130	16.0 140	16.6 150
0.90 9.912-616.0	9.912-618.0	9.6 45	10.7 56	11.8 67	12.7 79	13.6 90	14.4 101	15.2 112	15.9 123	16.6 135	17.3 146	18.0 157	18.6 168
0.95 9.886-665.0	9.884-068.0	10.7 50	12.0 62	13.1 75	14.2 87	15.1 100	16.1 112	16.9 125	17.8 137	18.5 150	19.3 162	20.0 175	20.7 187
1.00 9.886-666.0	9.884-069.0	11.9 55	13.3 69	14.5 83	15.7 97	16.8 111	17.8 125	18.8 138	19.7 152	20.5 166	21.4 180	22.2 194	23.0 208
1.05 9.886-667.0	9.884-070.0	13.1 61	14.6 76	16.0 92	17.3 107	18.5 122	19.6 137	20.7 153	21.7 168	22.7 183	23.6 198	24.5 214	25.3 229
1.10 9.909-604.0	9.912-619.0	14.4 67	16.0 84	17.6 101	19.0 117	20.3 134	21.5 151	22.7 168	23.8 184	24.9 201	25.9 218	26.9 235	27.8 251
1.15 9.886-669.0	9.884-071.0	15.7 73	17.5 92	19.2 110	20.8 128	22.2 147	23.5 165	24.8 183	26.0 201	27.2 220	28.3 238	29.4 256	30.4 275
1.20 9.912-613.0	9.912-620.0	17.1 80	19.1 100	20.9 120	22.6 140	24.2 160	25.6 179	27.0 199	28.3 219	29.6 239	30.8 259	32.0 279	33.1 299
1.25 9.886-727.0	9.884-072.0	18.5 87	20.7 108	22.7 130	24.5 151	26.2 173	27.8 195	29.3 216	30.7 238	32.1 260	33.4 281	34.7 303	35.9 325
1.30 9.886-728.0	9.884-073.0	20.0 94	22.4 117	24.6 140	26.5 164	28.4 187	30.1 211	31.7 234	33.2 257	34.7 281	36.1 304	37.5 328	38.8 351
1.35 9.886-729.0	9.912-621.0	21.6 101	24.2 126	26.5 151	28.6 177	30.6 202	32.4 227	34.2 252	35.9 278	37.4 303	39.0 328	40.4 353	41.9 379
1.40 9.886-730.0	9.884-074.0	23.3 109	26.0 136	28.5 163	30.8 190	32.9 217	34.9 244	36.8 271	38.6 299	40.3 326	41.9 353	43.5 380	45.0 407
1.95 9.886-731.0	9.884-156.0	45.1 211	50.4 263	55.2 316	59.7 369	63.8 421	67.7 474	71.3 527	74.8 579	78.1 632	81.3 684	84.4 737	87.4 790
2.05 9.910-542.0	9.910-537.0	49.9 233	55.7 291	61.1 349	66.0 407	70.5 466	74.8 524	78.8 582	82.7 640	86.3 698	89.9 757	93.3 815	96.5 873
2.80 9.886-758.0	9.884-582.0	93.0 434	104 543	113 651	123 760	131 868	139 977	147 1086	154 1194	161 1303	167 1411	174 1520	180 1628

* 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.