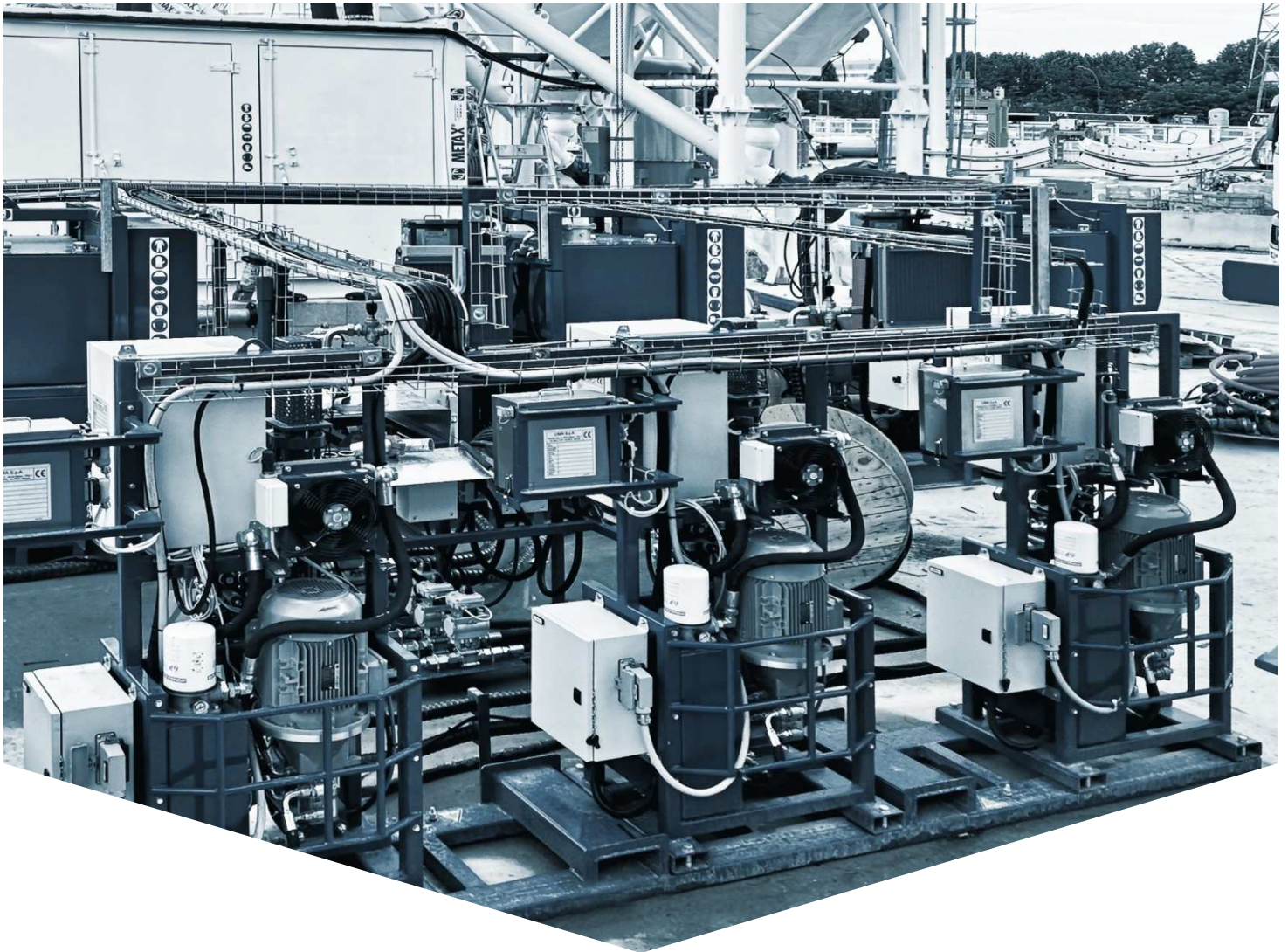


IP Range



Vertical IP Range

TECHNICAL FEATURES

Vertical Pumps		IP90V	IP90-2V	IP100V	Option 1	IP120V Option 2	Option 3
Application	Compaction	✓	✓	–	✓	✓	✓
	Compensation	✓	✓	–	–	–	–
	Micropiles	✓	✓	✓	✓	✓	✓
	Chemical	✓	✓	✓	✓	✓	✓
	Transferring	✓	✓	✓	✓	✓	✓
	Mud feeding	–	–	–	–	–	–
	Jet Grouting (JET3)	–	–	✓	–	–	–
Input power	kW	5,5 7,5	11	45	7,5	7,5	10
	hp	7,5 10	15	60	10	10	13,5
Plunger	Single effect	–	✓	–	–	–	–
	Double effect	✓	–	✓	✓	✓	✓
Plunger Ø	mm	88,9	2x90	2x100	120	120	120
	in	3,54	2x3,54	2x3,94	4,72	4,72	4,72
Stroke	mm	200	200	300	200	200	200
	in	7,9	7,9	215	7,9	7,9	7,9
Max delivery	l/min	38	40	170	80	63	80
	gpm	10	10,5	37,4	21	16,6	21
Max pressure	bar	100 120	100	230	85	85	100
	PSI	1450 1740	1450	3330	1200	1200	1450
Injection delivery	l/min	35	40	–	65	65	65
	gpm	9,2	10,5	–	17,1	17,1	17,1
Injection pressure	bar	60	50	–	65	65	65
	PSI	870	725	–	942	942	942
Suction Ø	mm	38,1	63,5	38,1	31,8	31,8	31,8
	in	1"1/2	2,5"	1"1/2	1"1/4	1"1/4	1"1/4
Output Ø	mm	25,4	50,8	101,6	25,4	50,8	50,8
	in	1"	2"	4"	1"	2"	2"
Overall Dimensions	m	0,79x0,6x1,77	1,2x2,86x2,20	0,8x1,26x2,07	0,79x0,6x1,77	0,79x0,6x1,77	0,79x0,6x1,77
	ft in	2'7"x2'x5'10"	3'11"x9'5"x7'3"	2'7"x4'2"x6'9"	2'7"x2'x5'10"	2'7"x2'x5'10"	2'7"x2'x5'10"
Weight	kg	350	1150	2800	390	390	390
	lb	770	2530	6170	860	860	860

✓ Available

All technical data are purely indicative
and subject to change without notice

Horizontal IP Range

TECHNICAL FEATURES

Horizontal Pumps		IP75H	IP90H	IP115H	IP140H	IP190H	
Application	Compaction	✓	✓	✓	✓	-	-
	Compensation	-	-	-	-	-	-
	Micropiles	✓	✓	✓	✓	✓	✓
	Chemical	✓	✓	✓	-	-	-
	Transferring	✓	✓	✓	✓	✓	✓
	Mud feeding	✓	✓	✓	✓	✓	✓
	Jet Grouting (JET3)	✓	✓	✓	✓	✓	-
Input power	kW	18	22	45	30	45 75	45
	hp	24,5	30	61,2	41	61,2 101	61,2
Plunger	Single effect	-	-	-	-	-	-
	Double effect	✓	✓	✓	✓	✓	✓
Plunger Ø	mm	88,9 100 114,3	88,9 100 114,3	88,9 100	88,9 100 115	115 127 140	139,7 165,1 190,5
	in	3,5 3,9 4,5	3,5 3,9 4,5	3,5 3,9	3,5 3,9 4,5	3,5 5 5,5	5,5 6,5 7,5
Stroke	mm	320	330	330	330	330	330
	in	13	13	13	13	13	13
Max delivery	l/min	123 150 201	123 150 201	100 125	123 154 205	280 380 435	400 565 750
	gpm	31,7 39,6 55,5	31,7 39,6 55,5	26 40	32,4 40,7 54,2	74 100,3 115	105,7 149,3 198
Max pressure	bar	80 65 45	P	200 150	125 100 75	100 90 40	60 50 30
	PSI	1150 940 650	1150 1015 725	2900 2200	1810 1450 1085	1450 1305 580	870 725 435
Suction Ø	mm	63,5	63,5	63,5	63,5	76,2 101,6	101,6
	in	2,5"	2,5"	2,5"	2,5"	3" 4"	4"
Output Ø	mm	38,1	38,1 50,8	38,1 50,8	31,75	38,1 76,2	50,8 101,6
	in	1"	1" 2"	1" 2"	1,25"	1,5" 3"	2" 4"
Overall Dimensions	m	0,8x2,2x1,3	0,8x2,2x1,3	0,8x2,2x1,3	0,9x2,75x2,1	1,2x2,2x2,5	1,08x2,98x2,1
	ft in	2'7"x7'2"x4'3"	2'7"x7'2"x4'3"	2'7"x7'2"x4'3"	2'9"x9'6"x9"	3'11"x7'3"x7'5"	3'5"x9,8"x6'9"
Weight	kg	1100	1100	1350	1700	1600	2600
	lb	2425	2425	2980	3750	3530	5730

✓ Available

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With you on the Job-Site

