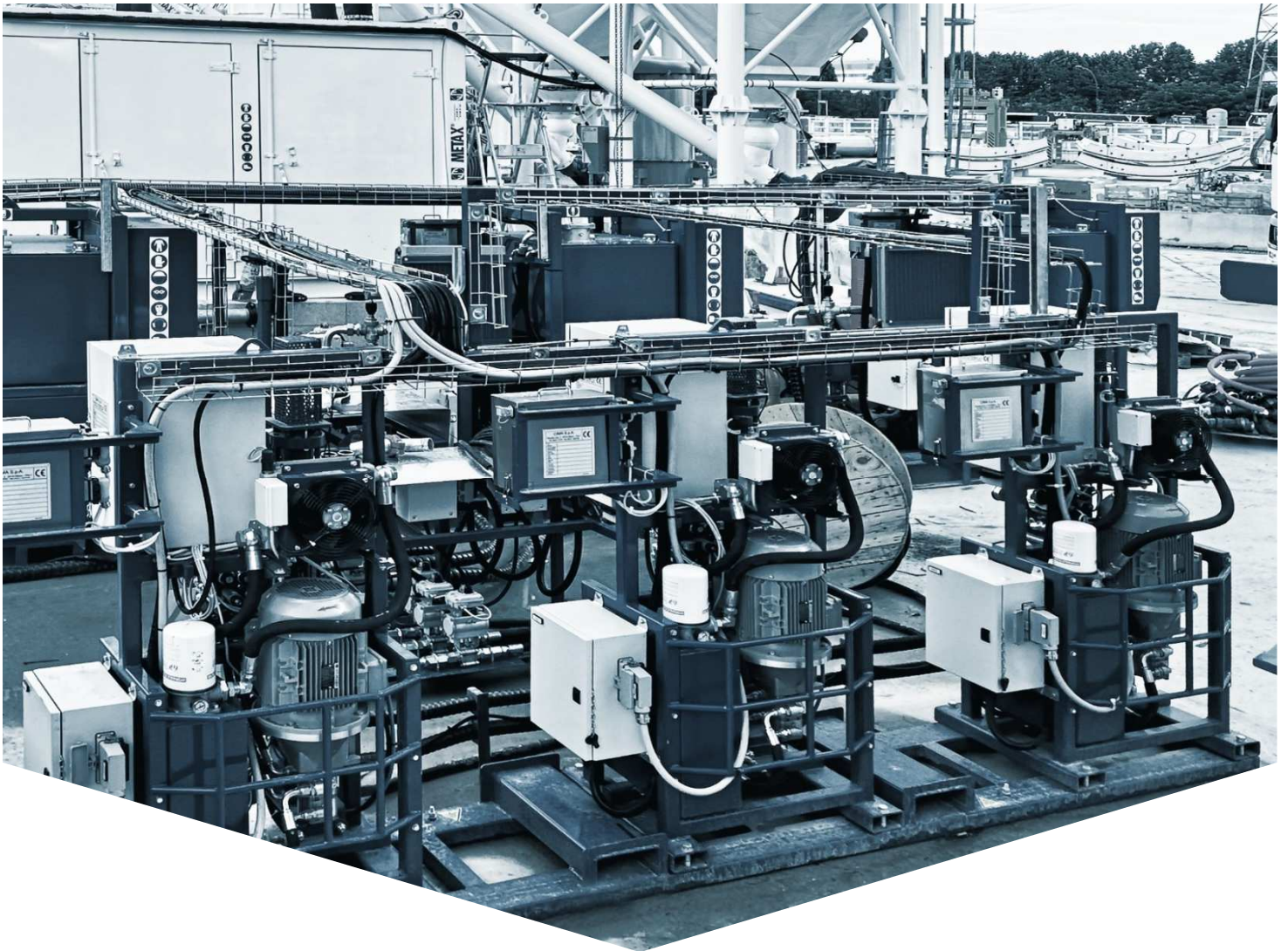


# IP Range



## 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	hp	7,5   10	15	60	10	10	13,5
	kW	5,5   7,5	11	45	7,5	7,5	10
Plunger	Single effect	–	✓	–	–	–	–
	Double effect	✓	–	✓	✓	✓	✓
Plunger Ø	mm	90	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 flow rate	l/min	38	40	170	80	63	80
	gpm	10	10,5	37,4	17,6	16,6	17,6
Max injection pressure	bar	120   160	100	230	50	65	65
	PSI	1740   2320	1450	3330	720	940	940
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	410
	lb	770	2530	6170	860	860	880

✓ 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	hp	24,5	30	41	61,2   102	61,2   102
	kW	18	22	30	45   75	45   75
Plunger	Single effect	-	-	-	-	-
	Double effect	✓	✓	✓	✓	✓
Plunger Ø	mm	88,9   100   114,3	88,9   100   114,3	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   4,5	3,5   5   5,5	5,5   6,5   7,5
Stroke	mm	320	330	330	330	330
	in	12,6	13	13	13	13
Max flow rate	l/min	120   150   210	123   150   201	123   154   205	280   380   435	400   565   750
	gpm	31,7   39,6   55,5	32,4   39,6   53,1	32,4   40,7   54,2	74   100,3   115	105,7   149,3   198
Max injection pressure	bar	80   65   45	80   70   50	125   100   75	100   90   40	60   50   30
	PSI	1160   940   650	1160   1015   725	1810   1450   1085	1450   1305   580	870   725   435
Suction Ø	mm	63,5	63,5	63,5	76,2   101,6	101,6
	in	2,5"	2,5"	2,5"	3"   4"	4"
Output Ø	mm	38,1	38,1   50,8	31,75	38,1   76,2	50,8   101,6
	in	1,5"	1,5"   2"	1,25"	1,5"   3"	2"   4"
Overall Dimensions	m	0,8x2,2x1,3	0,8x2,2x1,3	0,9x2,75x2,1	1x2,05x2	1,08x2,98x2,1
	ft   in	2'7"x7'2"x4'3"	2'7"x7'2"x4'3"	2'9"x9'x6'9"	3'2"x6'7"x6'6"	3'5"x9,8'x6'9"
Weight	kg	1100	1100	1700	1600	2600
	lb	2425	2425	3750	3530	5730

✓ Available

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



# With you on the Job-Site

