



## Soil displacement hammer GRUNDOMAT

Grundomat	45 P	55 P	65 P	65 PK	75 P	75 PK	85 P	85 PK	95 P	95 PK	110 P	130 P	130 PK	145 P	160 P	180 P
Diameter of bore (mm)	45	55	65	65	75	75	85	85	95	95	110	130	130	145	160	180
Length (mm)	979	1103	1323	1029	1443	1243	1540	1350	1732	1532	1685	1750	1300	1986	2002	2221
Weight (kg)	9	14,4	25	18	34	28	46	40	65	56	96	117	76	168	198	260
No. of strokes (min <sup>-1</sup> )	580	480	460	640	400	460	390	480	320	360	325	340	370	310	320	280
Air consumption (m <sup>3</sup> /min)	0,35	0,5	0,7	0,65	0,9	0,8	0,9	0,7	1,5	1,3	1,8	2,6	2,4	3,4	4,5	4,5
max. pipe OD without expander (mm)	40	45	50	50	63	63	75	75	85	85	90	110	110	125	145	160

determined at 87 psi  
depends on soil conditions / other pipe-dimensions by request

## Steel pipe ramming machine GRUNDORAM

GRUNDORAM	DAVID	ATLAS	TITAN	OLYMP	HERKULES	GIGANT	KOLOSS	GOLIATH	TAURUS	APOLLO	Mini-Atlas	Mini-Olymp	Mini-Gigant
Machine-Ø (mm)	95	130	145	180	216	270	350	460	600	800	125	180	270
Rear cone Ø (mm)	112	145	160	195	235	300	400	510	670	900	140	230	330
Length (mm)	1490	1453	1545	1690	1913	2010	2341	2852	3645	4400	946	1080	1230
Pipe-in-pipe (mm)	-	-	-	-	-	-	-	-	-	-	250	450	450
Weight (kg)	59	95	137	230	368	615	1180	2465	4800	11500	60	175	460
Air consumption (m <sup>3</sup> /min)	1,2	2,7	4,0	4,5	6,5	12,0	20,0	35,0	50,0	100	1,7	3,5	10,0
No. of strokes (min <sup>-1</sup> )	345	320	310	280	340	310	220	180	180	180	580	500	430
Impact energy (Nm)	230	420	800	890	1440	2860	6820	11600	18600	40500	180	720	2000
from pipe OD on	50	50	100	100	120	200	280	380	380	600	50	100	200

\* = depending on soil type PK = short version

Subject to change! 01.01/2004 E 1

Operating pressure 6-7 bar

