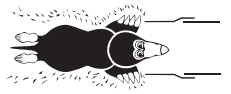


# Technical Data Static Pipe Bursting

Subject to change! Edition 05/05 E



Hydr. operated pipe bursting machine	GRUNDOBURST 400 G3	GRUNDOBURST400 S	GRUNDOBURST 800 G	GRUNDOBURST 1250 G	GRUNDOBURST 2500 G
Length (mm)	min. 1270 max. 1970	600	min. 1700 max. 2850	min. 2100	min. 2720
Width (mm)	560	490	720	1000	1200
Height (mm)	520	340	670	850	1460
Dimensions of starting pit L x W x D (mm)	2200 x 600 x 230 deeper than pipe line	min. Ø 1000 (140 mm deeper than pipe line)	3400 x 800 x 250 deeper than pipe line	6000 x 2000 x 350 deeper than pipe line	550 deeper than pipe line
Weight without levelling unit (kg)	540	200	1260	2950	4070
Weight with levelling unit (kg)	560	./.	./.	./.	./.
Thrust at 250 bar (kN)	275	275	377	660	1760
Pull back at 250 bar (kN)	400	400	769	1270	2550
Theor. speed of rod carriage in push-in mode*	140 m/h	140 m/h	135 m/h	125 m/h	115 m/h
Total length of bursting rod (mm)	800		870	1900	1740
Effective length of bursting rod (mm)	700	470	750	1700	1500
Bursting rod Ø (mm)	54	54	75	100	140
Weight of bursting rod (kg)	7,5	5,0	13	85	210
Rod magazine empty /+ rods (kg, ca.)	135 / + 49 rods = 500	65 / + 107 rods = 600	247 / + 35 rods = 700	330 / + 24 rods = 2370	
Bursting rod box L x W x H (mm)	870 x 540 x 750	700 x 800 x 600	940 x 720 x 770	1900 x 1040 x 570	

\* time for inserting rods is not taken into account

Hydraulic unit for	TT B 40 (only for 400 G 3)	TT B 100 (for 400 G3, 800 G, 1000 G, 1250 G, 2500 G)	Grundodrive (only for 400 G 3)
Drive engine	Diesel	Diesel	Diesel (Mercedes Sprinter)
Engine output	17,5 kW at 2300 rpm	43 kW at 2300 rpm.	95 kW; PTOs 25 kW at 2500 rpm
Max. hydraulic pressure (bar)	250	250	250
Oil tank (l)	90	200	100
Fuel tank (l)	45	58	Tank of vehicle
Weight (kg)	770	1240	approx. 3275
L x W x H (mm)	1400 x 670 x 1350	1470 x 720 x 1850	Dimensions of vehicle