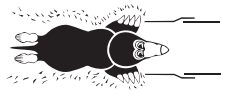


# Technical Data Static Pipe Bursting

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          |
|                               |                            |  |                                |