



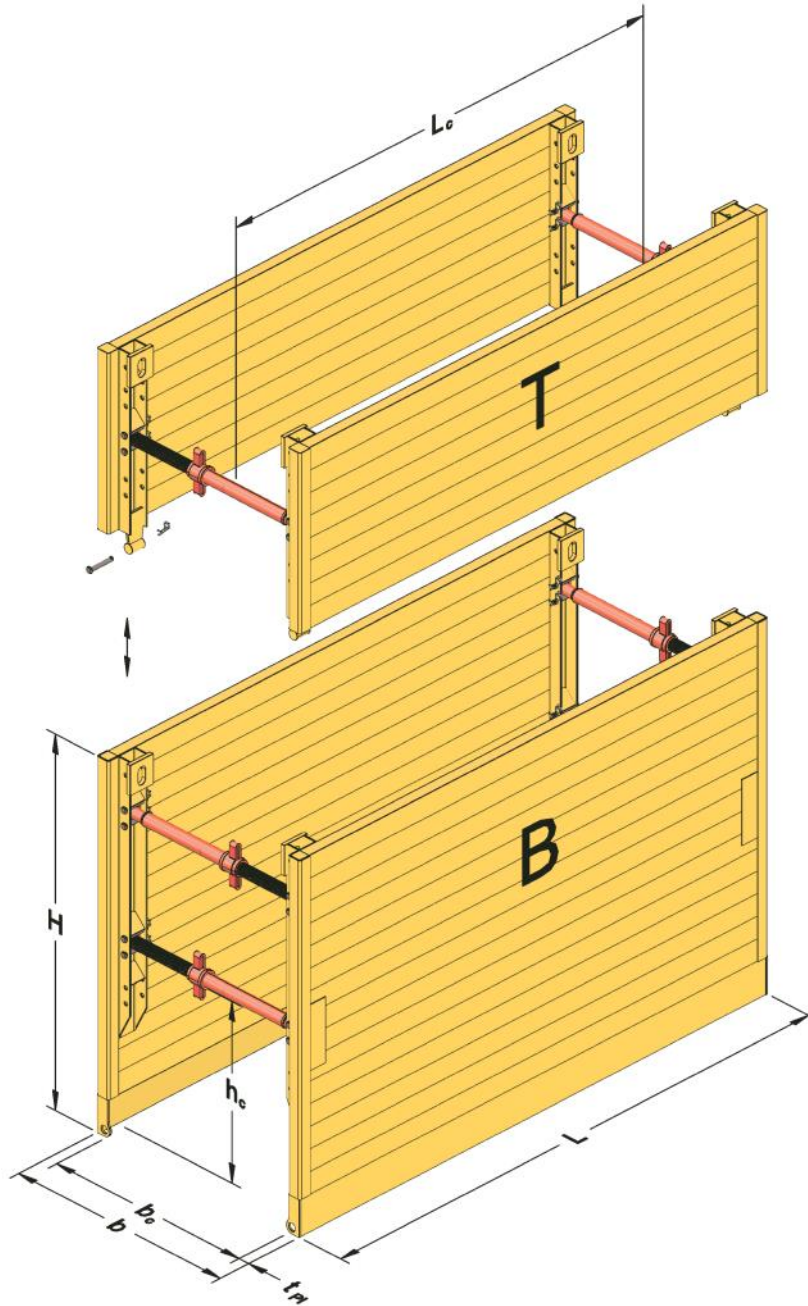
| | |
|-----------------------|---------------------------------|
| Unit length | 2.00 m - 3.00 m |
| Base box height | 1.50 - 2.00 m |
| Top box height | 0.50 - 1.00 m |
| Pipe culvert height | Max. 0.98 m |
| Weight | 465 kg - 805 kg |
| Advised depth of work | Up to 3.00 m |
| Lifting device | Excavator \approx 5 - 13 tons |

The lightest of our steel trench boxes.

Easy to handle with a low capacity excavator, the KVL is ideal for the installation of small diameters at shallow depths.

The KVL spindle extends over a width of 650 to 2000 mm (4 types of jacks).

Often used in urban sites, it can be associated with the mini pile guidebox.

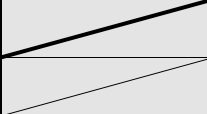
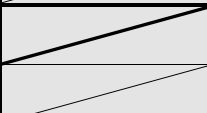
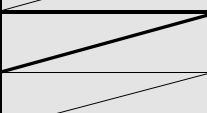


Conformité
DIN 4124
DIN EN 13331

| | |
|----------|---------------------|
| H | Plate height |
| L | Plate length |
| H_c | Pipe culvert height |
| L_c | Pipe culvert length |
| b_c | Working width |
| b | Shoring width |
| t_{pl} | Plate thickness |



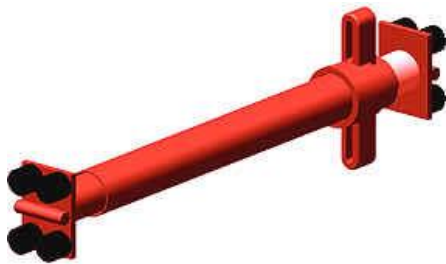
Light box KVL

| Base plate LxH | | Weight box | Pipe culvert height H _c | Pipe culvert length L _c | Thickness plate t _{pl} | State design load limit ed |
|-------------------|------|---------------|---|--|---------------------------------------|----------------------------------|
| [mm] | | [kg] | [mm] | [mm] | [mm] | [kN/m ²] |
| KVL 2000x | 1500 | 465 | 720 | 1690 | 60 | 53.3 |
| | 2000 | 595 | 980 | | | 40.8 |
| KVL 2500x | 1500 | 545 | 720 | 2190 | 60 | 42.6 |
| | 2000 | 700 | 980 | | | 32.6 |
| KVL 3000x | 1500 | 625 | 720 | 2690 | 60 | 32.0 |
| | 2000 | 805 | 980 | | | 27.2 |
| Top plate | | | | | | |
| KVLA 2000x | 500 | 205 |  | 1690 | 60 | 53.3 |
| | 1000 | 325 | | | | 40.8 |
| KVLA 2500x | 500 | 235 |  | 2190 | 60 | 42.6 |
| | 1000 | 380 | | | | 32.6 |
| KVLA 3000x | 500 | 270 |  | 2690 | 60 | 32.0 |
| | 1000 | 435 | | | | 27.2 |

Any other dimension, consult us.

Tensile forces:

- lifting eyes at the plate head Rd = 229 kN
- bottom eyes Rd = 23 kN



| Strut type | Working width b _c | Shoring width b | Weight |
|------------|---------------------------------|--------------------|--------|
| | [m] | [m] | [kg] |
| A | 0.53 - 0.63 | 0.65 - 0.75 | 12.4 |
| B | 0.62 - 0.81 | 0.74 - 0.93 | 13.5 |
| C | 0.80 - 1.17 | 0.92 - 1.29 | 15.7 |
| D | 1.16 - 1.89 | 1.28 - 2.01 | 19.4 |