

► TWF Trench Shoring Systems

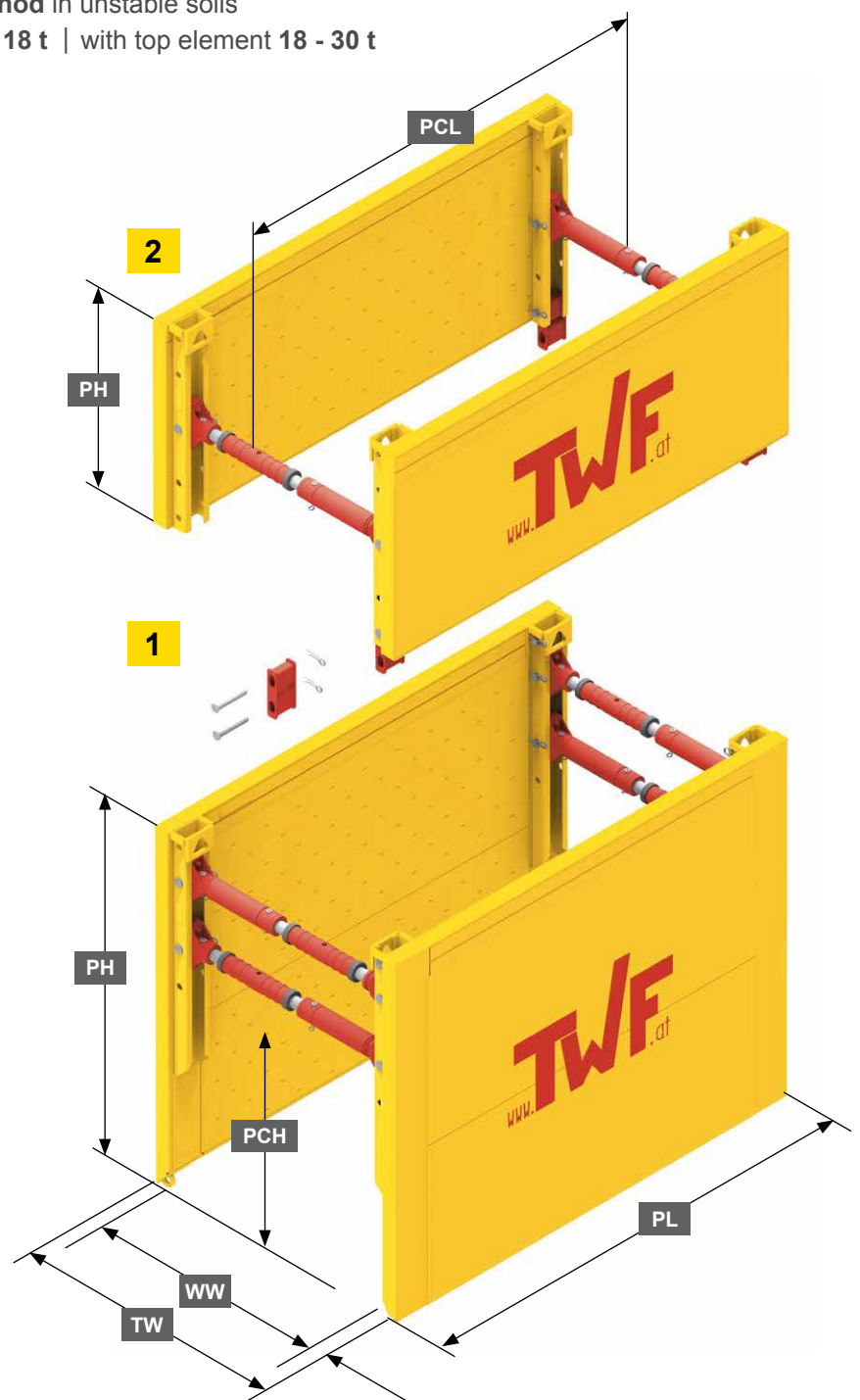
■ Standard Box Type 600

- **Solid and hard wearing** - it ensures maximum safety at trench depths up to 5,20 m
- Installation by **lower and cut method** in unstable soils
- Mobile- or crawler excavator: **12 - 18 t** | with top element **18 - 30 t**
- Maximum trench depth: **5,20 m**
- Trench width: **1,20 - 4,49 m**
- Pipe clearance height: **1,50 m**



1	Base element
2	Top element

PH	Panel height
TW	Trench width
WW	Working width
PT	Panel thickness
PCH	Pipe clearance height
PL	Panel length
PCL	Pipe clearance length





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Element	Panel length PL (m)	Panel height PH (m)	Panel thickness PT (mm)	PC-length PCL (m)	PC-height PCH (m)	Char. system resistance R_k (kN/m ²)	Weight c/w spindle (kg/box)
1	3,00	2,40 / 2,60	107	2,60	1,30 / 1,50	65,7 / 76,3 *	2007 / 2151
2		1,40					1121
1	3,50	2,40 / 2,60	107	3,10	1,30 / 1,50	56,3 / 65,4 *	2289 / 2463
2		1,40					1289
1	4,00	2,40 / 2,60	107	3,60	1,30 / 1,50	49,3 / 57,2 *	2549 / 2733
2		1,40					1509

* The char. system resistance is based on the indicated PC-height.

► Other lengths on request!

■ Standard Spindle

Number intermediate pipe	Working width WW (m)	Trench width TW (m)	Safe working load (kN)	Weight complete (kg)
0	0,98 – 1,27	1,20 – 1,49	468	65
1	1,48 – 1,77	1,70 – 1,99	403	86
2	1,98 – 2,27	2,20 – 2,49	348	107
3	2,48 – 2,77	2,70 – 2,99	299	128
4	2,98 – 3,27	3,20 – 3,49	254	149
5	3,48 – 3,77	3,70 – 3,99	210	170
6	3,98 – 4,27	4,20 – 4,49	165	191



► Transformation profile - special solution

