

Slide rail system DOUBLE rail DGFP



Advised depth of work	Max. 7.5 m
Rail length	4.5 / 5.5 m
Rail weight	397 / 489 kg
Limit state design moment	360 kN.m
Stretch length	2.0 m - 6.25 m
Lifting device	Excavator \approx 25 - 30 tons

Always being utilized in the past for large trench shoring areas, it is still used nowadays.

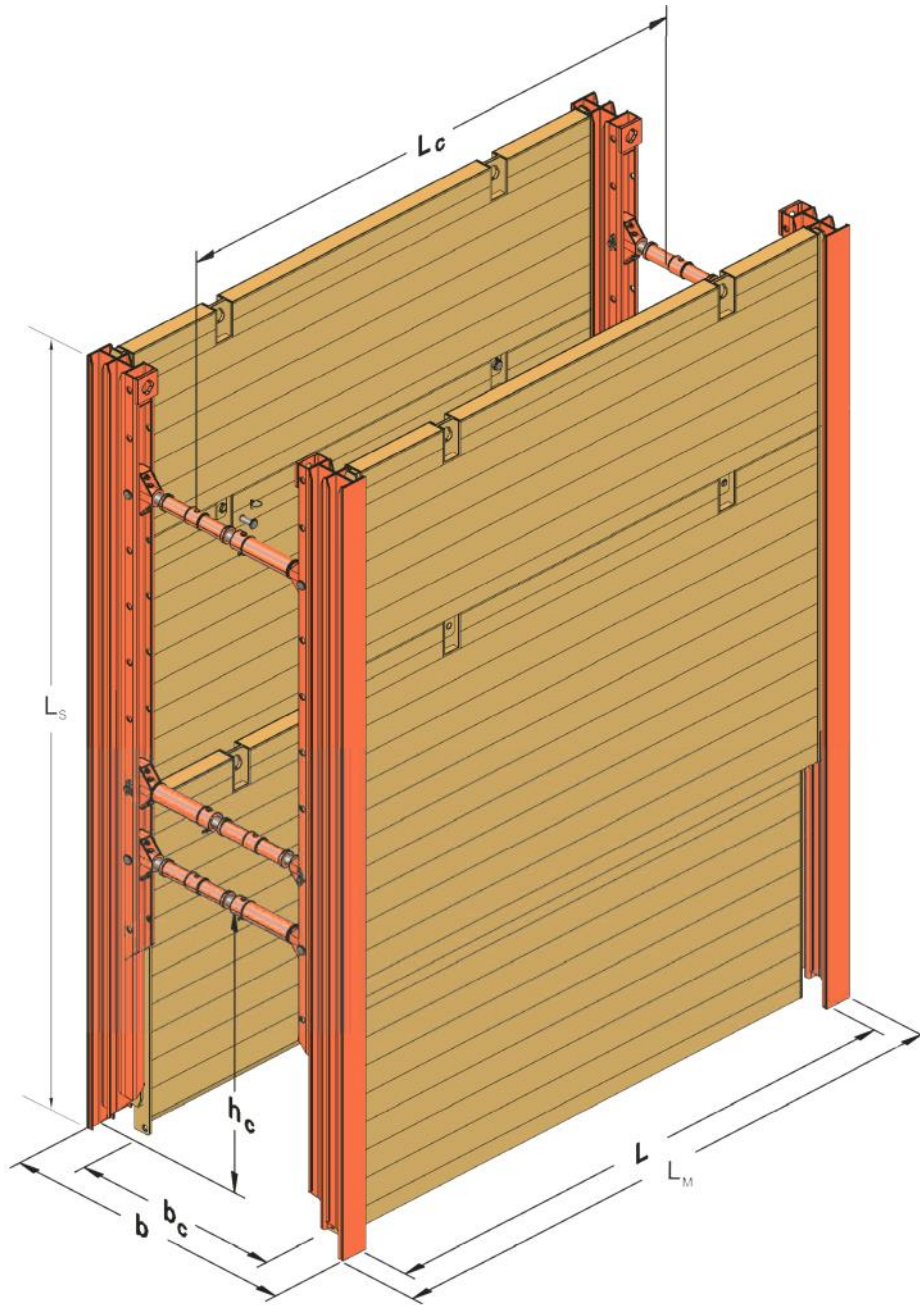
The FP sliding device ensures comfortable work thanks to its modularity and it offers a large and safe work area in the trench.

FP is the least heavy system of all sliding systems.

Slide rail system DOUBLE rail DGFP



Conformité
DIN 4124
DIN EN 13331



H	Plate height
L	Plate length
L _c	Pipe culvert length
L _s	Rail length
L _m	Unit length
b _c	Working width
b	Shoring width
h _c	Pipe culvert height



Slide rail system DOUBLE rail DGFP

Base plate LxH	Weight plate	Unit length L_M	Pipe culvert length L_C	Thickness plate t_p	State design load limit ed
<i>[mm]</i>	<i>[kg]</i>	<i>[mm]</i>	<i>[mm]</i>	<i>[mm]</i>	<i>[kN/m²]</i>
KR 2000x2400	510	2562	2102	100	171.6
KR 2500x2400	605	3062	2602	100	110.4
KR 3000x2400	690	3482	3022	100	81.1
KR 3500x2400	805	4062	3602	100	56.6
KR 4000x2400	1165	4562	4102	120	71.0
KR 4500x2400*	1305	5062	4602	120	56.2
KR 5000x2400*	1630	5562	5102	120	73.1
KR 6250x2400*	3510	6788	6328	120	66.0
Top plate					
KRA 2000x1300	335	2562	2102	100	171.6
KRA 2500x1300	395	3062	2602	100	110.4
KRA 3000x1300	450	3482	3022	100	81.1
KRA 3500x1300	525	4062	3602	100	56.6
KRA 4000x1300	745	4562	4102	120	71.0
KRA 4500x1300*	830	5062	4602	120	56.2
KRA 5000x1300*	1020	5562	5102	120	73.1
KRA 6250x1300*	2315	6788	6328	120	66.0

*Special required dimensions available; characteristics may vary based on steel choice for their fabrication.

Tensile forces:

- lifting eyes at the rail head $R_d = 229$ kN
- lifting eyes at the plate head $R_d = 226$ kN
- bottom eyes $R_d = 47$ kN

Working width mini b_C	Excavation width mini b	Portico weight (without extension)
<i>[mm]</i>	<i>[mm]</i>	<i>[kg]</i>
871	1671	1007 / 1191

