

SLIDING SYSTEM CORNER SLIDE RAILS



Recommended Depth	Max. 8.0 m
Length of Rail	3.5 / 5.5 / 7.5 m
Weight of Rail	192 / 840 / 1155 kg
Bending Moment	113 / 363 kN.m
Stretch Length	2.0 m - 6.25 m
Lifting means	Excavator ≈ 25 – 45t

- This system is used where there is a requirement for shoring four sides of an excavation and to reduce its overall size.
- Various sliding corner rails and panels, guarantee multiple dimensional combinations while assuring comfort and safety.
- Ideal for the installation of tanks, construction of pits, wells and pumping stations.

Note: KKP sheet pile frames can be substituted for solid panels on two sides where entry & exit is required or where services cross the excavation.

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L	Panel height
L_s	Corner Rail length
L_m	Overall length
b_c	Effective width between panels
b	Overall width



SLIDING SYSTEM

SINGLE CORNER SLIDE RAILS



Panel length	Panel Height	Panel Weight	Panel thickness	Maximum load ed	Working width b_c	Overall length-panel	Overall length-corner rail
[m]	Base panel [m] Top panel [m]	Base panel [kg] Top panel [kg]	[mm]	[kN/m ²]	[m]	[m]	[m]
KR 2.00	2,4	510	100	171.6	2,10	2,30	2,41
	1,4	335					
KR 2.50	2,4	605		110.4	2,60	2,80	2,91
	1,4	395					
KR 3.00	2,4	690		81.1	3,02	3,22	3,33
	1,4	450					
KR 3.50	2,4	805		56.6	3,60	3,80	3,91
	1,4	525					
KR 4.00	2,4	1165	120	71.0	4,06	4,30	4,41
	1,4	745					
KR 4.50	2,4	1305		56.2	4,56	4,80	4,91
	1,4	830					
KR 5.00	2,4	1630		73.1	5,06	5,30	5,41
	1,4	1020					
KR 6.25	2,4	3510		66.0	6,29	6,53	6,64
	1,4	2315					

For any other dimensions, please consult us.

EGECK 3000/3500/4000

Bending moment	Overall width mini b	Corner rail weight
[kNm]	[mm]	[kg]
113	218	164/192/218



SLIDING SYSTEM

DOUBLE CORNER SLIDE RAIL



Panel length	Panel thickness	CORNER RAILS SD			CORNER RAILS HD		
		working width b_c	Overall length-panel	Overall length-corner rail	working width b_c	Overall length-panel	Overall length-corner rail
[m]	[mm]	[m]	[m]	[m]	[m]	[m]	[m]
KR 2.00	100	2,10	2,60	2,71	2,15	2,65	2,77
KR 2.50		2,60	3,10	3,21	2,65	3,15	3,27
KR 3.00		3,02	3,52	3,63	3,07	3,57	3,69
KR 3.50		3,60	4,10	4,21	3,65	4,15	4,27
KR 4.00	120	4,06	4,60	4,71	4,11	4,65	4,77
KR 4.50		4,56	5,10	5,21	4,61	5,15	5,27
KR 5.00		5,06	5,60	5,71	5,11	5,65	5,77
KR 6.25		6,29	6,83	6,94	6,33	6,87	7,00

For other dimensions, please consult us.

DGECK 4500/5000/5500

Bending moment	Overall width mini b	Corner rail weight
[kNm]	[mm]	[kg]
363	305	714/780/840

SD = Standard

HD = Heavy Duty, anti rotation device

