

Datasheet Pipe Raiser



Release date : 23-04-2012
Revision date : 18-10-2017

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General information

Transporting 2 pipes with a diameter between 1.270mm – 1.524mm (50" and 60") by truck, can be done with the Pipe Raiser. One of the pipes is raised so that the maximum allowed dimensions are not validated. The construction is designed following the VDI 2700 guidelines. It consist of a basic construction with an Anchoring Rod dependent on customer needs.

Application

The first pipe is loaded on the bottom blocks. The second pipe is placed on top, supported on one side by the raising unit and on the other side by the bottom pipe. The Anchoring Rod is the part that is used to configure the assembly for the correct pipe OD. We offer these per pipe OD size, but also an adjustable Anchoring Rod to cover the whole range with the same assembly.

Anchoring Rod [mm]	Length [mm]	Weight [kg]
1.270	1.100	10,5
1.320,8	1.200	11,5
1.371,6	1.230	11,8
1.422	1.270	12,2
1.473,2	1.300	12,5
1.524	1.290	12,4
Adjustable (1.270 – 1.524)	1.100 – 1.300	18,5

Anchoring Rod [inch]	Length [inch]	Weight [lbs]
50"	43.31	23.15
52"	47.24	25.35
54"	48.43	26.01
56"	50	26.90
58"	51.18	27.56
60"	50.79	27.34
Adjustable (50" – 60")	43.31 – 51.18	40.79



Fig.1 Pipe Raiser



Fig.2 Pipes on Pipe Raiser

Features

- ✓ Safe transport for large diameter pipes
- ✓ Saves transport costs
- ✓ Easy to apply on a trailer/railway carriage
- ✓ Easy to adjust for different diameters
- ✓ Durable and resistant against all weather conditions

Material specifications

Steel profile	: Zinc plated steel S355, length: 2,45m (8.04ft)
	: Square tube: 80mm x 50mm x 8mm (3.15" x 1.97" x 0.31") approx. 20kg (44lbs)
Blocks	: PE-compound, colour: Black
	: Frictional resistance factor (F.r): 0,3
	: Frictional resistance factor (F.r.): with Anti-skid rubber: 0,6
	: Mounting holes in each block
	: UV-stabilized
Connecting Rod	: Zinc plated steel S355
Product range	: 1.270mm – 1.524mm (50" – 60")
Product code	: PR
Commodity / HS code	: 73269040

Additional information

- Static and dynamic forces on the system are calculated and comply with VDI2700
- Detailed adjustment settings and instructions are available for pipe diameters within the range 1.270mm – 1.524mm (50" – 60")
- Maximum load of 7.500kg (16,534.7lbs) per Pipe Raiser unit



Copy of certificate available on request