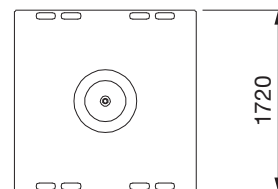
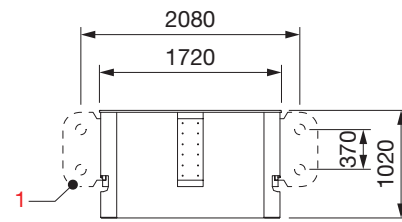
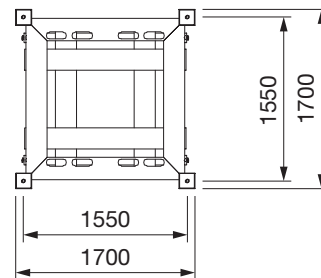
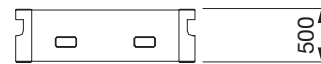

Push-up unit

Top barrel

Barrel

An engineering study is always required to use the JS 500.

¹ The brackets for the braces on the top barrel are optional.

Dimensions are in millimeters.
 The content in this document is mentioned for reference use only. Values may differ from current data. Always contact Mammoet for current project calculations.

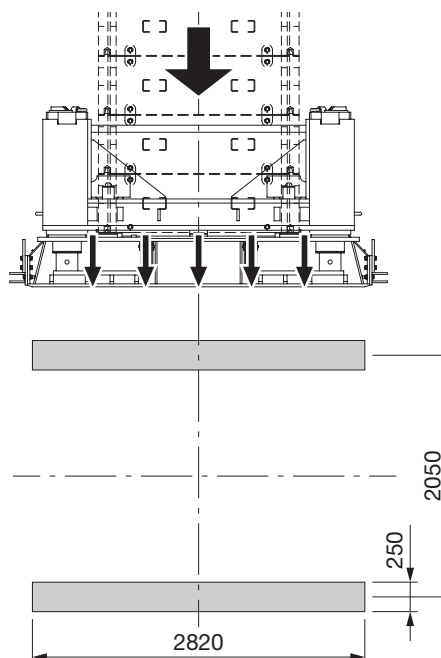
SPECIFICATIONS

Capacity	500 t
Stroke	657 mm
Lenght	3200 mm
Width	4130 mm
Height ²	1525 mm
Weight	
Push-up unit	9406 kg
Loading table	540 kg
Top barrel, without brackets	4160 kg
Barrel	890 kg
Lifting height, without braces	Refer to the tables.
Skid tracks	The JS 500 can be put on skid tracks of the medium skidding system.

Load bearing surface

The total load bearing surface is 1.41 m².

The maximum load on each stack is 500 t. This includes the weight of the barrels.



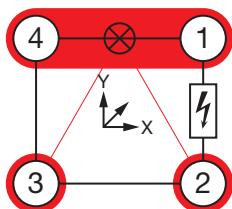
² Without load spreaders, plywood and skid tracks.

Dimensions are in millimeters.
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Capacity and side load

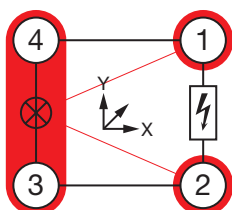
The tables below show the effect of the percentage side load on the maximum capacity and lifting height for each jack-up unit when no bracings are used. Speak to Mammoet Engineering when you need more lifting height or more capacity. The side load can apply to the jack-up unit from all directions.

Configuration 1



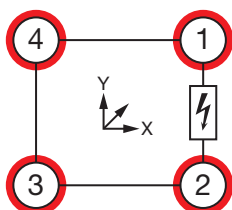
HEIGHT (m)	SIDE LOAD ⁴ (t)					BARREL WEIGHT (t)
	0%	2%	4%	6%	8%	
2 m	500	500	500	483	453	11
4 m	500	500	453.4	403.4	364.4	14.4
6 m	500	482.7	403.7	³	³	17.7
8 m	500	453	364	³	³	21
10 m	500	427.3	³	³	³	24.3
12 m	500	403.6	³	³	³	27.6
14 m	500	383	³	³	³	31
16 m	500	364.3	³	³	³	34.3
18 m	500	³	³	³	³	37.6
20 m	500	³	³	³	³	40.9

Configuration 2



HEIGHT (m)	SIDE LOAD ⁴ (t)					BARREL WEIGHT (t)
	0%	2%	4%	6%	8%	
2 m	500	500	500	469	448	11
4 m	500	500	448.4	397.4	³	14.4
6 m	500	477.7	397.7	³	³	17.7
8 m	500	448	³	³	³	21
10 m	500	421.3	³	³	³	24.3
12 m	500	397.6	³	³	³	27.6
14 m	500	377	³	³	³	31
16 m	500	³	³	³	³	34.3
18 m	500	³	³	³	³	37.6
20 m	500	³	³	³	³	40.9

Configuration 3



HEIGHT (m)	SIDE LOAD ⁴ (t)					BARREL WEIGHT (t)
	0%	2%	4%	6%	8%	
2 m	500	500	500	500	491	11
4 m	500	500	491.4	450.4	416.4	14.4
6 m	500	500	450.7	400.7	³	17.7
8 m	500	491	416	³	³	21
10 m	500	470.3	³	³	³	24.3
12 m	500	450.6	³	³	³	27.6
14 m	500	433	³	³	³	31
16 m	500	416.3	³	³	³	34.3
18 m	500	400.6	³	³	³	37.6
20 m	500	386.9	³	³	³	40.9

³ Do not use without braces. Speak to Mammoet Engineering.

⁴ With barrel weight.

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