



Accompanying wheeled transported bridge MS-20 "DAGLEZJA"

Accompanying wheeled transported bridge MS-20 „DAGLEZJA” is intended for transportation and unfolding of PM-20 span for overcoming of water or terrain gaps of 20 m width. The bridge can be crossed by all vehicles in class MLC70/110 acc. to STANAG 2021 standard and is approved for traffic on public roads.



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MS-20 "DAGLEZJA" is a modern accompanying bridge on wheeled chassis. The set is composed of JELCZ C662D.43 tractor with 6x6 drive, 6x6 hydraulic driven trailer, a stacker and PM-20 Span. The Span PM-20 has been designed in a way that its width in the transport position is 3 m what allows a free passage on public roads. The width of the span roadway after unfolding is 4 m. The Span has a filling between the beams allowing the transit of vehicles and people marching. MS-20 allows for overcoming the terrain gaps of 20 m width. The bridge roadway can be used by tracked vehicles class MLC70 and wheeled vehicles class MLC 110 (MLC 80/120 - in crisis situations).

MS-20 provides:

- high mobility
- short time of unfolding the span over the obstacle - 10 minutes
- protection for the crew (armored version)
- ability to work in different environmental conditions
- authorization for public transport

TECHNICAL DATA

MS-20 General dimensions

weight with the crew (Mg)	47,9
weight with armored cabin and the crew (Mg)	49,5
length with a span in transport position (m)	16,5
length with a span unfolded during taking of (m)	42

Crossing parameters

maximum width of the terrain gap (m)	20
loading capacity for tracked vehicles (class)	MLC 70
loading capacity for a set of wheeled vehicles - including a set of low-loading vehicle with a tank (class)	MLC 110
loading capacity in crisis situations (class)	MLC 80/120
maximum load of the wheel on the bridge roadway (kN)	90,7
roadway width (m)	4
maximum difference in level between both sides of the terrain gap (m)	2
The maximum slope of the ground in front of an obstacle in the transverse direction (%)	< 5 (2,86°)

Traction parameters of MS-20 (Span in transport position)

maximum speed on roads (km/h)	80
maximum height of vertical terrain obstacle (m)	max. 0,3
maximum width of ditches (m)	max. 0,6
maximum depth of wading (m)	max. 1,2
crew	2



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