6.1 3T FOREST TRAILER
Trailer OTL-218

Trailer OTL-218 has been designed for forwarding of cut-to-length wood from a place of its harvesting to wood yards next to hardened roads for transshipment or to handling wood yards located on forest areas. The trailers are for transportation of mainly cut-to-length wood of a length between 1,0 – 2,5 m (usually pulpwood 1,20 or 2,40 m).

The trailer is suitable for working with agricultural tractors equipped with:
- pick up hitch (for 1-axle trailers)
- auxiliary hydraulic connector (for crane and drawbar steering)
- electric outlet – for light system.

TECHNICAL PARAMETERS

Parameter	Value
Trailer OTL-218	
Width	1570 mm
Length	4340 mm
Load bay length	2560 mm
Trailer's weight	535 kg
Load capacity (without crane)	2,96 stere (max. 3800 kg)
Tyres	10.0/80-12 10PR
Load area	1,21 m²
Recommended crane OTL 40-32 (see information card 6.7):	
Gross lifting torque	16,8 kNm
Grapple gripping area tip to tip	0,10 m2
Maximum outreach	3,95 m
Recommended tractor power	40 – 55 kW (55 – 75 HP)

3T FOREST TRAILER
Trailer OTL-218

6.1

The trailer can be equipped with a crane for loading and unloading timber. The trailer OTL-218 thanks to its bogie axle and a very functional construction is an universal mode of transport on distances up to 15 km. A single-axle chassis improves handling capabilities of the set tractor – trailer, and the low pressure agricultural tires together with bogie suspension guarantee a stable ride off- and on-road. A hydraulic crane with stabilizers assembled on the trailer that is powered from the hydraulic system of a tractor enables loading and unloading of timber independently of any other auxiliary devices.

For a safe use of the trailer it is required to apply a tractor that is equipped with a pick up hitch of a load capacity at least 16 kN (approximately 1600 kg).

An assembly of a hydraulic crane on the trailer requires calculations and stability attempts of the set trailer – crane every time it is loaded.