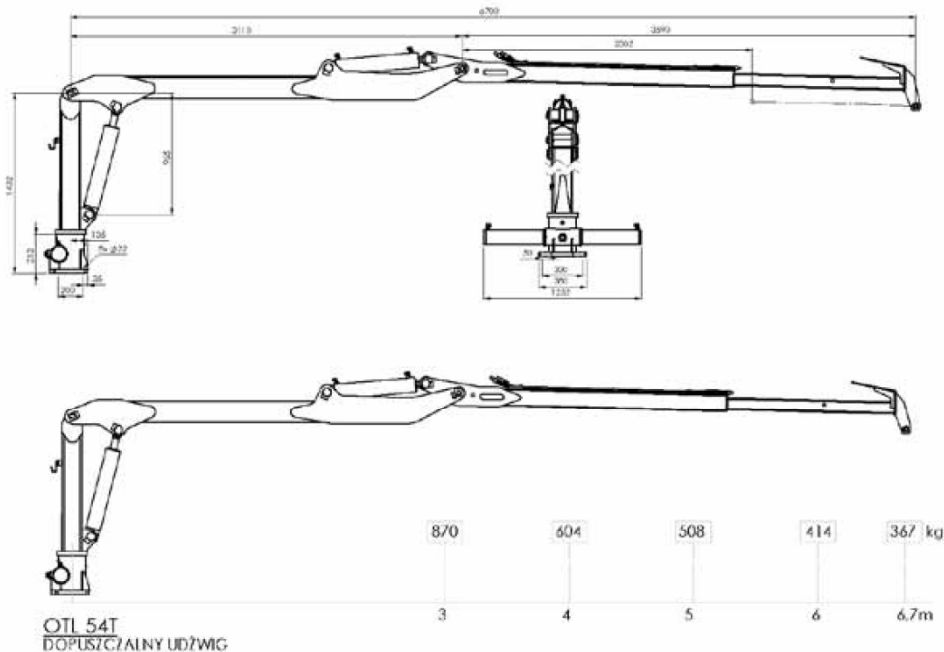




6.9 HYDRAULIC TIMBER CRANE OTL 54T



TECHNICAL PARAMETERS

| PARAMETER | DATA |
|---|---------------------|
| Lifting torque: | |
| - Gross | 33,6 kNm |
| - Net | 24,6 kNm |
| Outreach: | |
| - Basic | 5,4 m |
| - Maximum | 6,70 m |
| - With telescopic extension | 6,70 m |
| Lifting capacity: | |
| - @ 3,0 m net | 870 kg |
| - @ 5,0 m net | 508 kg |
| Slewing torque | 8,0 kNm |
| Slewing angle | 360° |
| Rotator torque | 780 Nm |
| Rotator angle | ciągły |
| Grapple | |
| - Gripping area tip to tip | 0,18 m ² |
| - Gripping width | 218 / 252 mm |
| - Maximum opening | 1100 mm |
| - Minimum gripping diameter | Ø 120 mm |
| Grapple weight with link and rotator | 109 kg |
| Total weight (with grapple, link and rotator) | 816 kg |
| Working oil pressure | 170 bar / 17,0 MPa |
| Recommended oil flow | 30-50 L/min |

OTL 54T crane has been designed for performing technological works on forest areas during loading and unloading timber on forwarding and transportation vehicles. The crane is adapted to:

- attachment to an assembly plate of a loader or stabilizers improving stability of the set during work,
- work with tractors equipped with external hydraulic connectors or other system of hydraulic supply of specific parameters.

OTL 54T crane is to be mounted on trailers of 8000 kg payload. The construction of the trailer should provide a proper strength together with stabilizers – to provide stability during work.

The crane is for performing forestry (or agricultural) works. It is equipped with a timber grapple. It can be intended for ordinary loading and unloading works and it is forbidden to assemble a lifting hook at the end of the crane's arm.