

2.1.1. BOOM:**Measures and technical data: ZRU 700**

Boom weight: (with internal hosing) [kg] 1700

Boom extension: [mm] 1200

Other specifications:

Boom head rotation 360°

Boom lift: - up 60°

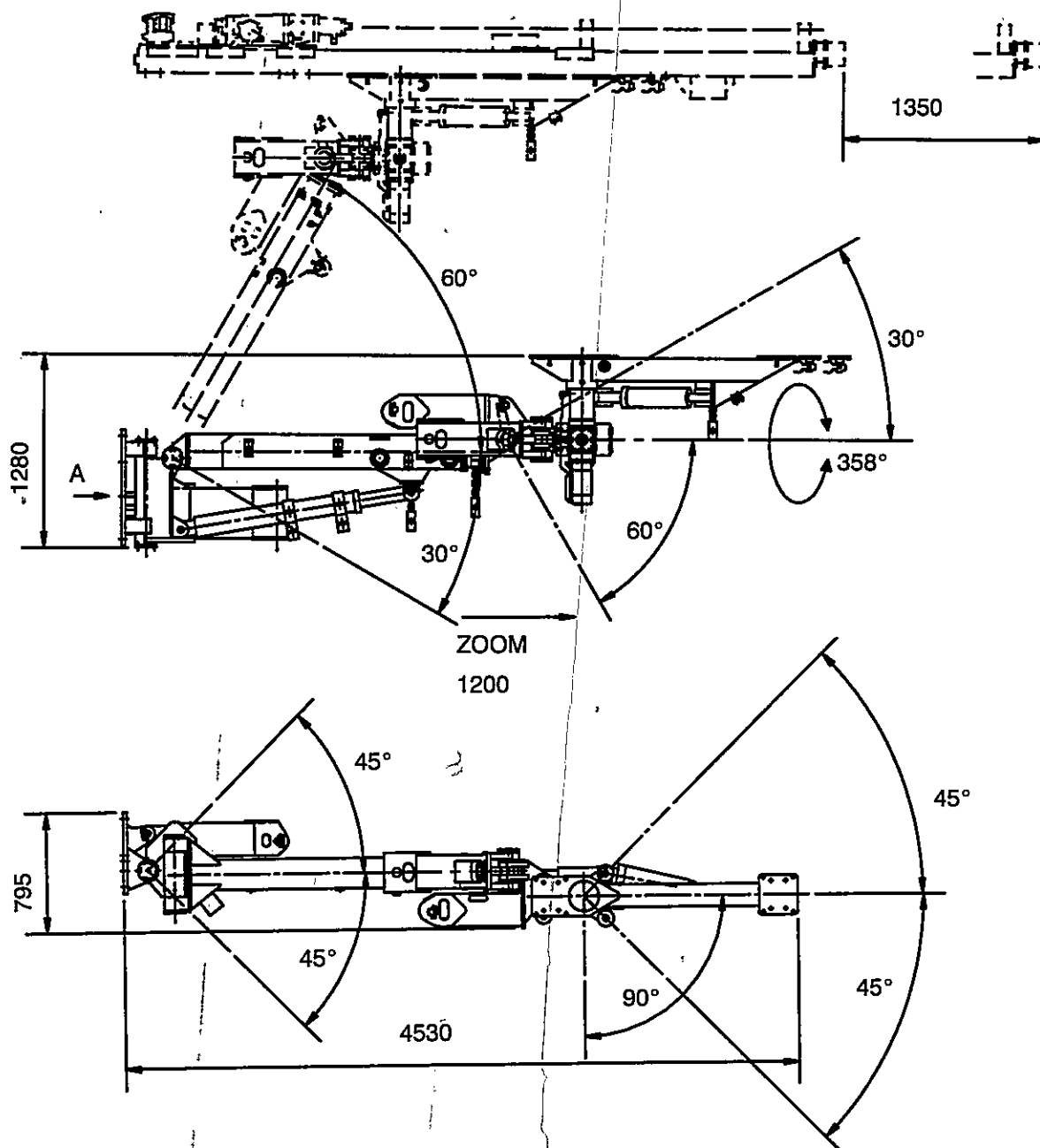
-down 30°

Boom swing (symmetric) $\pm 45^\circ$ Feed swing (symmetric) $\pm 45^\circ$

Feed tilt: - up 30°

-down 60°

Feed extra tilt 90°

**TAMROCK**

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MONOMATIC H 105 D

Operator's manual

ELECTRIC SYSTEM OF CARRIER

Voltage 24 V (negative ground)
Alternator 45A
Battery 2 x 130 Ah

PERFORMANCE OF CARRIER

Maximum driving speed 13 km/h
Tractive effort 50 kN

MAIN DIMENSIONS OF CARRIER

Length 4720 mm
Width 1700 mm
Height 1950 mm
Wheel base 2850 mm
Track 1420 mm
Ground clearance 300 mm

TAMROCK

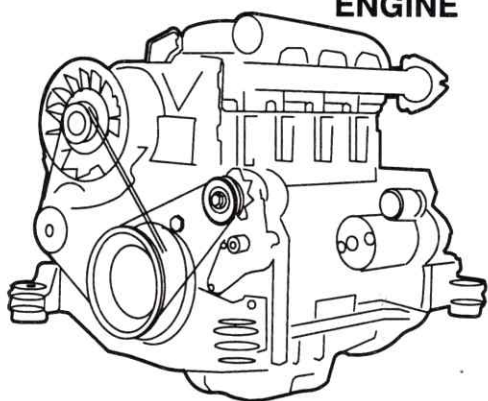
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2. TECHNICAL DATA

2.1. CARRIER:

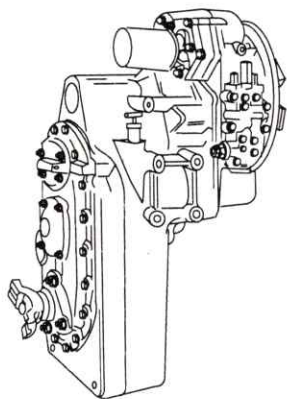
Type TC 100
Weight approx. 4550 kg

ENGINE



Type:
Two stage-combustion diesel . Deutz F4L 912 W
Cylinders 4
Piston displacement 3770 cm³
Output 44 kW / 2500 rpm
Cooling system air-cooled
Exhaust gas purifier Silencer

TRANSMISSION



Hydraulic pump Hydromatick A4VG 56 DG2
Hydraulic motor Hydromatick AA6VM 107 HD

Axles Hurth 172

BRAKES

Service brake Full hydraulic oil immersed
multidisc brakes in both axles

Parking brake / Safety brake ... Hydraulically released fail safe-
type brake.

HYDRAULICS:

Hydraulic pump(Dual) Gear pump 80 l/min
max. pressure 240 bar

STEERING

Hydraulic frame steering
Steering valve type OSPC 315
Frame articulation angle $\pm 38^\circ$
Engine end axle oscillation $\pm 10^\circ$