TW LogStacker

RTD1723

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TECHNICAL INFORMATION

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TECHNICAL DATA

OPERATING DATA

Operating weight.....50 500 kg
Rated capacityt.....17 000 kg
Static tipping load:
Grapple at carrying position.....83 000 kg
Grapple at basic working dist...27 000 kg
Stacking height.....8.5 m
Grapple size (standard).....4.8 m²
Forward reach at ground level.....3.0 m
Turning radius..... R 6.5 m
Travel speed.....30 km/h

ENGINE

Manufacturer.....VOLVO
Model.....TAD1171VE
N:r of cylinders.....6
Output @ 1900 r/min ISO 3046...265 kW
Torque @ 950 - 1420.....1750 Nm
Displacement.....10.8 dm³
Emmissions certified to...Tier 4f / Stage IV

TRANSMISSION

Manufacturer.....ZF
Model.....5WG261
Gears FWD / REV.....5/3
Control.....electrical, automatic control, lock-up

DRIVE AXLE

Manufacturer.....Kessler
Model.....D102 PL341
Track.....2812 mm
Width over tyres.....3710 mm

STEERING AXLE

Manufacturer.....TW Welded steel construction
Steering cylinders.....1

WHEELS

Drive axle (single).....35/65-R33
Inflation pressure.....7.0 bar
Steering axle (single).....18.00 - 25
Inflation pressure.....8.0 bar

BRAKES

Service brake:
Hydraulic dual-circuit wet disc brakes, which affect the drive wheels.
Parking brake:
Hydraulic spring actuated disc brake, which affects drive wheels via the drive shaft.

HYDRAULIC SYSTEM

Hydraulic system oil capacity.....1000 l

Hydraulic pumps: Variable displacement axial piston pumps for all main functions

Total pump capacity.....808 l/min / 2100 rpm
Max. pressure.....205 bar

Valves:
- Directional valves are electrically (proportionally) remote controlled
- Boom and grapple can be operated simultaneously
- Hydraulic lock on lift cylinders
- Piston accumalators to absorb shocks in lifting system (optional)

Oil return filter.....10 micron
Full flow with magnetic separator.
Air filter in tank (breather).
Pressure filter in brake circuit.

BOOM

Telescopic boom with double action cylinder.
Welded “square pipe” construction.
Max. horizontal reach.....3 000 mm

GRAPPLE

Standard grapple 4.8P900, size....4.8 m²
Unlimited rotation in both directions.
Fully controlled movements. Several grapple sizes and shapes available up to 7.0 m².

ELECTRIC SYSTEM

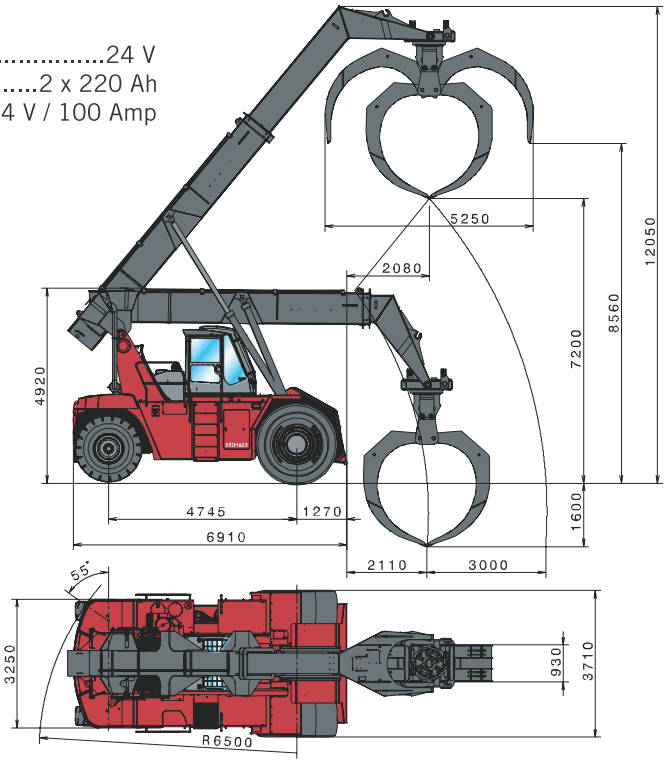
Voltage.....24 V
Battery .....2 x 220 Ah
Alternator .....24 V / 100 Amp

CABIN

Safety tested according to ISO 6055-1979.
Noise level according to SFS 4669, DIN 45635.
L(eq)1.....73 dB(A)

STANDARD EQUIPMENT

Heavy duty stack pusher
Button steering
Automatic gear shift
Automatic lubrication system
Automatic air conditioning ECC
Radio with CD player etc.
Rear view camera & LCD monitor

SAMPLE OPTIOS

Automatic fire extinguisher system
Load scale with printer
More options available on request.
Specifications subject to change without notice.