



RTD3126

# TW LogStacker

TECHNICAL INFORMATION

## OPERATING DATA

Operating weight.....73 900 kg  
 Rated capacity.....31 000 kg  
 Static tipping load:  
 Grapple at carrying position...200 000 kg  
 Grapple at basic working dist...54 700 kg  
 Stacking height.....9.2 m  
 Grapple size (standard).....7.8 m<sup>2</sup>  
 Forward reach at ground level.....4.7 m  
 Turning radius.....R 7.8 m  
 Travel speed.....27 km/h

## ENGINE

Manufacturer.....VOLVO  
 Model.....TAD1371VE  
 N:r of cylinders.....6  
 Output @ 1900 r/min ISO 3046...285 kW  
 Torque @ 950 - 1420.....1925 Nm  
 Displacement.....12.78 dm<sup>3</sup>  
 Emmissions certified to...Tier 4f / Stage IV

## TRANSMISSION

Travel speed.....27 km/h  
 Model.....5WG310  
 Gears FWD / REV.....5/3  
 Control.....electrical,  
 automatic control, lock-up

## DRIVE AXLE

Manufacturer.....Kessler  
 Model.....D102PL341/528NLB  
 Track.....3033 mm  
 Width over tyres.....3710 mm

## STEERING AXLE

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

## WHEELS

Drive axle (dual).....18.00R33  
 Inflation pressure.....10.0 bar  
 Steering axle (single).....18.00R33  
 Inflation pressure.....10.0 bar

## BRAKES

Hydraulic operated wet disc brakes on  
 drive axle  
 Parking brakes:  
 Spring actuated disc brake on drive shaft

## HYDRAULIC SYSTEM

Hydraulic system oil capacity.....1200 l  
 Hydraulic pumps: Variable displacement  
 axial piston pumps for all main functions  
 Total pump capacity.....865 l/min/  
 2000 rpm  
 Max. pressure.....215 bar

### Valves:

- Directional valves are electrically (proportionally) remote controlled
  - Boom and grapple can be operated simultaneously
  - Hydraulic lock on lift cylinders
  - Piston accumulators to absorb shocks in lifting system
- 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.  
 Plastic slide pads.  
 Max. horizontal reach.....4 700 mm

## GRAPPLE

Standard grapple 7.8P900, size....7.8 m<sup>2</sup>  
 Unlimited rotation in both directions.  
 Fully controlled movements. Several grapple sizes and shapes available up to 9.2 m<sup>2</sup>.

## 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.

