



RTD12C

KURO

TECHNICAL INFORMATION

OPERATING DATA

Operating weight.....	36 800 kg
Rated capacity (intelligent).....	8000 kg / 12 000 kg
Static tipping load:	
Grapple at carrying position.....	23 800 kg
Grapple at basic working dist.....	15 600 kg
Stacking height (depends on grapple size).....	8.0 m
Grapple size.....	3.0...4.5 m ²
Forward reach at ground level.....	3.0 m
Turning radius, inner.....	< 1000 mm
Turning radius, outer.....	< 7100 mm
Travel speed.....	30 km/h

ENGINE

Manufacturer.....	VOLVO
Model.....	TAD872VE
Type.....	6 cylinder diesel engine
Power.....	210kW @ 1700-2200 rpm
Torque.....	1235Nm @ 1100-1600 rpm
Displacement.....	7,7 liters
Emission standard.....	Stage IV / Tier4f

TRANSMISSION

Manufacturer.....	ZF
Model.....	5WG211
Gears FWD / REW.....	5 / 3
Control.....	electrical, automatic, torque converter lock-up

DRIVE AXLE

Manufacturer.....	KESSLER
Model.....	D91PL418/510-NLB
Trak.....	2782 mm
Width over tyres.....	3557 mm
Wet disc brakes with external forced oil cooling.	

WHEELS & TYRES

Drive axle (single).....	29.5R25
Inflation pressure.....	6.5 bar
Steering axle.....	16.00R25
Inflation pressure.....	10 bar

BRAKES

Service brake:

Hydraulic dual-circuit wet disc brakes, which affect the drive wheels. Brake cooling oil tank capacity 50 l.

Parking brake:

Hydraulic spring actuated disc brake, which affects drive wheels via the drive shaft.

HYDRAULIC SYSTEM

Hydraulic system oil capacity.....350 l

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

Total pump capacity.....550 l/min / 1800 rpm

Max. pressure.....225 bar

GRAPPLE

Various grapple models available between 3.5m² and 4.5m². Suitable grapple size shall be selected based on log length and bundle weight.

