



**RTD17** Tier5

# THE ULTIMATE SAW MILL MACHINE



# RTD17<sub>Tier5</sub> TECHNICAL DATA

## OPERATING DATA

Operating weight*	55 500kg
Rated capacity	17 000kg
Stacking height (with standard grapple)	7.2m
Standard grapple size	5.5m <sup>2</sup>
Maximum horizontal reach	3.0m
Turning radius	R 6.5m
Travel speed	30km/h

\*Weight with standard grapple

## ENGINE

Manufacturer	VOLVO
Model	TAD1181VE
Type	6 cylinder diesel engine
Power	265kW @ 2100rpm
Torque	1795Nm @ 1400rpm
Displacement	10840cm <sup>3</sup>
Emission standard	Stage V / Tier 5
Fuel tank capacity	510 liters
AdBlue tank capacity	45 liters

## TRANSMISSION

Manufacturer	ZF
Model	5WG261
Gears FWD / REW	5 / 3
Control	Electrical, automatic, torque converter lock-up

## DRIVE AXLE

Manufacturer	Kessler
Model	D102PL341/528-NLB5460
Track	2812mm
Width over tyres	3710mm
Axle ratio	30,2

## STEERING AXLE

Manufacturer	TW
Design	Welded steel construction

## WHEELS AND TYRES

Drive axle (single)	35/65R33
Inflation pressure	7.0 bar
Steering axle	18.00R25
Inflation pressure	8.0 bar

## BRAKE SYSTEM

Service brake	Hydraulic dual-circuit wet disc brakes, which affect the drive wheels. Brake cooling oil tank capacity 100 liters.
Parking brake	Hydraulic spring actuated disc brake, which affects drive wheels via the drive

## GRAPPLE

Standard grapple size	5.5m <sup>2</sup>
Standard grapple model	5.5P900
Unlimited rotation in both directions.	
Fully controlled movements.	
Various grapple models available between 4.5m <sup>2</sup> and 7.0m <sup>2</sup> .	

## HYDRAULIC SYSTEM

Hydraulic system oil capacity	960l
Tank capacity	700l
Hydraulic pumps & valves	Variable displacement axial piston pumps for all main functions. Main hydraulic valves are electronically (proportionally) controlled. Boom and grapple can be operated simultaneously.
Total pump capacity	1122 l / min / 2200rpm
System max. pressure	250 bar
Filtering	Full flow with magnetic separator. Air filter in tank (breather). Pressure filter in brake circuit.
Oil return filter	10 microns
Pressure filter	20 microns

## NOISE LEVELS

Noise level in the cabin	71dB
Sound power level to the exterior	106dB
Noise level according to EN12053+AC. Sound power calculations according to EN12053+AC / ISO 3744.	

## MAINTENANCE

Engine oil change interval	1000h
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## ELECTRIC SYSTEM

Voltage	24V
Battery	2 x 235 Ah
Alternator	24V / 150A

## BOOM

Welded square pipe construction.
Telescopic boom with double-action cylinder.
Boom equipped with plastic slide pads.
Automatic central lubrication system.

## CABIN

Safety tested according to ISO 6055-1979.
Equipped with safety grill and laminated safety glass (windscreen).
Excellent ergonomics.

