



RTD17 Tier5

THE ULTIMATE SAW MILL MACHINE

RTD17 Tier5 TECHNICAL DATA

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

*Weight with standard grapple

DRIVE AXLE	
Manufacturer	Kessler
Model	D102PL341/528-NLB5460
Track	2812mm
Width over tyres	3710mm
Axle ratio	30.2

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

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

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

NOISE LEVELS	
Noise level in the cabin	71dB
Sound power level to the exterior	106dB

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

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

Standard grapple size	5.5m ²
Standard grapple model	5.5P900

Unlimited rotation in both directions.
Fully controlled movements.
Various grapple models available between 4.5m² and 7.0m².

MAINTENANCE	
Engine oil change interval	1000h
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.	

