



**RTD17**

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# THE ULTIMATE SAW MILL MACHINE

# RTD17 TECHNICAL DATA

OPERATING DATA		DRIVE AXLE		HYDRAULIC SYSTEM	
Operating weight*	55 500kg	Manufacturer	Kessler	Hydraulic system oil capacity	960l
Rated capacity	17 000kg	Model	D102PL341/528-NLB5460	Tank capacity	700l
Stacking height (with standard grapple)	7.2m	Track	2812mm	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.
Standard grapple size	5.5m <sup>2</sup>	Width over tyres	3710mm	Total pump capacity	1122 l / min / 2200rpm
Maximum horizontal reach	3.0m	Axle ratio	30.2	System max. pressure	250 bar
Turning radius	R 6.5m			Filtering	Full flow with magnetic separator. Air filter in tank (breather). Pressure filter in brake circuit.
Travel speed	30km/h	Manufacturer	TW	Oil return filter	10 microns
*Weight with standard grapple		Design	Welded steel construction	Pressure filter	20 microns
ENGINE		WHEELS AND TYRES		NOISE LEVELS	
Manufacturer	VOLVO	Drive axle (single)	35/65R33	Noise level in the cabin	65dB
Model	TAD1181VE	Inflation pressure	7.0 bar	Sound power level to the exterior	103dB
Type	6 cylinder diesel engine	Steering axle	18.00R25	Noise level according to EN12053+AC. Sound power calculations according to EN12053+AC / ISO 3744.	
Power	265kW @ 2100rpm	Inflation pressure	8.0 bar		
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		BRAKE SYSTEM		MAINTENANCE	
Manufacturer	DANA	Service brake	Hydraulic dual-circuit wet disc brakes, which affect the drive wheels. Brake cooling oil tank capacity 100 liters.	Engine oil change interval	1000h
Model	TE 30 Lock up	Parking brake	Hydraulic spring actuated disc brake, which affects drive wheels via the drive		
Gears FWD / REW	5 / 3				
Control	Electrical, automatic, torque converter lock-up				
GRAPPLE		ELECTRIC SYSTEM		BOOM	
Standard grapple size	5.5m <sup>2</sup>	Standard grapple model	5.5P900	Voltage	24V
Standard grapple model	5.5P900			Battery	2 x 235 Ah
Unlimited rotation in both directions. Fully controlled movements. Various grapple models available between 4.5m <sup>2</sup> and 7.0m <sup>2</sup> .				Alternator	24V / 150A

