



RTD17

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 ²	Width over tyres	3710mm		
Maximum horizontal reach	3.0m	Axle ratio	30,2	Total pump capacity	1122 l / min / 2200rpm
Turning radius	R 6.5m	STEERING AXLE		System max. pressure	250 bar
Travel speed	30km/h	Manufacturer	TW	Filtering	Full flow with magnetic separator. Air filter in tank (breather). Pressure filter in brake circuit.
*Weight with standard grapple		Design	Welded steel construction	Oil return filter	10 microns
ENGINE		WHEELS AND TYRES		Pressure filter	20 microns
Manufacturer	VOLVO	Drive axle (single)	35/65R33	NOISE LEVELS	
Model	TAD1181VE	Inflation pressure	7.0 bar	Noise level in the cabin	65dB
Type	6 cylinder diesel engine	Steering axle	18.00R25	Sound power level to the exterior	103dB
Power	265kW @ 2100rpm	Inflation pressure	8.0 bar	Noise level according to EN12053+AC. Sound power calculations according to EN12053+AC / ISO 3744.	
Torque	1795Nm @ 1400rpm	BRAKE SYSTEM		MAINTENANCE	
Displacement	10840cm ³	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
Emission standard	Stage V / Tier 5	Parking brake	Hydraulic spring actuated disc brake, which affects drive wheels via the drive	ELECTRIC SYSTEM	
Fuel tank capacity	510 liters	GRAPPLE		Voltage	24V
AdBlue tank capacity	45 liters	Standard grapple size	5.5m ²	Battery	2 x 235 Ah
TRANSMISSION		Standard grapple model	5.5P900	Alternator	24V / 150A
Manufacturer	DANA	Unlimited rotation in both directions. Fully controlled movements. Various grapple models available between 4.5m ² and 7.0m ² .		BOOM	
Model	TE 30 Lock up			Welded square pipe construction. Telescopic boom with double-action cylinder. Boom equipped with plastic slide pads. Automatic central lubrication system.	
Gears FWD / REW	5 / 3			CABIN	
Control	Electrical, automatic, torque converter lock-up			Safety tested according to ISO 6055-1979. Equipped with safety grill and laminated safety glass (windscreen). Excellent ergonomics.	

