



RTD3126 Tier5

**THE
HEAVYWEIGHT
CHAMPION**

RTD3126 Tier5 TECHNICAL DATA

OPERATING DATA		DRIVE AXLE		HYDRAULIC SYSTEM	
Operating weight*	73 900kg	Manufacturer	Kessler	Hydraulic system oil capacity	1200l
Rated capacity	31 000kg	Model	D102PL341/528-NLB8460	Tank capacity	770l
Static tipping load		Track	3033mm	Hydraulic pumps & valves	
Grapple at carrying position	120 000kg	Width over tyres	4210mm	Variable displacement axial piston pumps for all main functions. Directional valves are electronically (proportionally) controlled. Boom and grapple can be operated simultaneously.	
Grapple at basic working distance	64 800kg	Axle ratio	33,44	Total pump capacity 865l / min / 2000rpm	
Stacking height (with standard grapple)	7.9m	STEERING AXLE		System max. pressure 215 bar	
Standard grapple size	7.8m ²	Manufacturer	TW	Filtering	
Maximum horizontal reach	4.7m	Design	Welded steel construction	Full flow with magnetic separator. Air filter in tank (breather). Pressure filter in brake circuit.	
Turning radius	R 7.8m	WHEELS AND TYRES		Oil return filter 10 microns	
Travel speed	27km/h	Drive axle (dual)	18.00R33	NOISE LEVELS	
*Weight with standard grapple		Inflation pressure	10.0 bar	Noise level in the cabin 68dB	
		Steering axle	18.00R33	Sound power level to the exterior 104dB	
		Inflation pressure	10.0 bar	Noise level according to EN12053+AC. Sound power calculations according to EN12053+AC / ISO 3744.	
		BRAKE SYSTEM		MAINTENANCE	
		Service brake		Engine oil change interval 1000h	
		Hydraulic dual-circuit wet disc brakes, which affect the drive wheels. Brake cooling oil tank capacity 110 liters.		ELECTRIC SYSTEM	
		Parking brake		Voltage 24V	
		Hydraulic spring actuated disc brake, which affects drive wheels via the drive shaft.		Battery 2 x 220Ah	
		GRAPPLE		Alternator 24V / 150A	
		Standard grapple size 7.8m ²		BOOM	
		Standard grapple model 7.8P900		Welded square pipe construction.	
		Unlimited rotation in both directions.		Telescopic boom with double-action cylinder.	
		Fully controlled movements.		Boom equipped with plastic slide pads.	
		Various grapple models available between 7.0m ² and 9.2m ² .		Automatic central lubrication system.	
		TRANSMISSION		CABIN	
		Manufacturer ZF		Safety tested according to ISO 6055-1979.	
		Model 5WG310		Equipped with safety grill and laminated safety glass (windscreen).	
		Gears FWD / REW 5 / 3		Excellent ergonomics.	
		Control			
		Electrical, automatic, torque converter lock-up			

