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TP/VT 470 Vario

Multipurpose transporter



Technical data

	TP 470 Vario	VT 470 Vario
Chassis		
Longitudinal differential with lock	yes	yes
Hydropneumatic suspension front and rear	yes	yes
Hydraulic rotation damping	yes	yes
Drive system - Engine		
Engine type	FCA R754EU6EH	FCA R754EU6EH
Number of cylinders	4	4
Exhaust emission	Euro 6e	Euro 6e
Displacement	2,970 cm ³	2,970 cm ³
Fuel	Diesel	Diesel
Performance	100 kW (136 HP) @ 2,600 1/min	100 kW (136 HP) @ 2,600 1/min
Max. torque at speed	1,400 1/min @ 500 Nm	1,400 1/min @ 500 Nm
Torque rise	36 %	36 %
Fuel tank	100 l	100 l
AdBlue tank	14 l	14 l
Fuel consumption	215 g/kWh	215 g/kWh
Vario split-power stepless	yes	yes
Forward speed	50 km/h	50 km/h
Reverse speed	34 km/h	34 km/h
Rear power take-off shaft speed	998 1/min	998 1/min
Powershift rear take-off shaft	yes	yes
Electrics		
Electrical system	12 V, Alternator 180 A	12 V, Alternator 180 A
Battery capacity	100 Ah	100 Ah
Hydraulic system		
Standard hydraulics flow rate	40 l/min / 200 bar	40 l/min / 200 bar
Additional hydraulics flow rate	40 l/min / 200 bar	40 l/min / 200 bar
Power hydraulics flow rate	100 l/min / 300 bar	100 l/min / 300 bar
Front lifting mechanism (optional) lifting force	2,000 kg	2,000 kg



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Brakes		
Brakes	Dual circuit disc hydraulic brake system with load control on the rear axle	Dual circuit disc hydraulic brake system with load control on the rear axle
Dual-circuit brake system	yes	yes
Hill-holder function	yes	yes
Parking brake mechanical	no	no
Parking brake hydraulic	yes	yes
Wear-free brake	option	option
Steering		
Front steering	yes	yes
All-wheel steering	yes	yes
Rear steering	yes	yes
Crab steering	yes	yes
Front-wheel steering turning circle radius (short wheelbase)	5,800 mm	5,800 mm
Front-wheel steering turning circle radius (long wheelbase)	6,500 mm	6,500 mm
Four-wheel steering turning circle radius (short wheelbase)	4,100 mm	4,100 mm
Four-wheel steering turning circle radius (long wheelbase)	4,400 mm	4,400 mm
Tyres		
Double tyres front and rear	option	option
Equipment		
Fully glazed driver's cab, heating/defrosting unit	yes	yes
Radio pre-installation	yes	yes
On-board computer	yes	yes
Air conditioning	option	option
Multifunctional control lever	yes	yes
Dimensions		
Width by tyres	1,950 - 2,800 mm	1,950 - 2,800 mm
Width by cabin	1,900 mm	1,900 mm
Length	4,784 / 5,184 mm	4,784 / 5,184 mm
Wheelbase	2,850 / 3,250 mm	2,850 / 3,250 mm
Weights		
Empty weight without mounting	3,550 kg	3,550 kg
Total weight	8,500 / 10,000 kg	8,500 / 10,000 kg
Max. permissible front axle load	4,900 kg	4,900 kg
Max. permissible rear axle load (tyre dependent)	5,500 kg	5,500 kg



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Document created on 9 JUN 2024

