



DIECI



PEGASUS 50.26



50.26

PERFORMANCE		https://truckmanualshub.com/
Machine model		PEGASUS 50.26
Maximum capacity		5000 kg (11023 lb)
Maximum lifting height on outriggers		25,7 m (84,3 ft)
Maximum horizontal extension on outriggers		21,9 m (71,9 ft)
Fork swiveling angle		133°
Pull-out force		5700 daN (12814 lbf)
Towing force		10000 daN (22481 lbf)
Maximum climb angle		40%
Unladen weight		21000 kg (46297 lb)
Max speed (referred to wheels with maximum permitted diameter)		40 km/h (24,9 mph)

BOOM	
Machine model	PEGASUS 50.26
Lifting	14,5 s
Getting off the basket	9,5 s
Extension	30 s
Retraction	15 s
Forward swiveling	2,1 s
Reverse swiveling	1,3 s

ENGINE	
Machine model	PEGASUS 50.26
Brand	FPT
Nominal power	125 kW (168 HP)
@rpm	2200 rpm
Peak power	127 kW (170 HP)
@rpm	1900 rpm
Operation	4-stroke
Injection	Electronic, Common Rail
Number and arrangement of cylinders	4, Vertical in line
Displacement	4485 cm ³ (274 in ³)
Consumption	280 g/kWh (460,6 lb/Hp h)
@rpm	1900 rpm
Emission standards	Stage IV/Tier 4f
Exhaust gas treatment	DOC+SCR (AdBlue)
Cooling system	Liquid
Intake	16-valve turbo compressor, aftercooler

DIFFERENTIAL AXLES	
Machine model	PEGASUS 50.26
Axles type	2 steering, with 4 epicycloidal reduction gears
Type of steering	4 wheels / transversal / 2 wheels
Front axle	With transverse leveling device driven by the cab
Rear axle	Swinging
Service braking	Oil bath with servo brake on front and rear axle with double hydraulic system
Parking braking	Negative actuation with electrical control

HYDRAULIC SYSTEM	
Machine model	PEGASUS 50.26
Hydraulic pump type	Variable displacement pump with Load Sensing for power steering and movements
Hydraulic pump capacity	290 L/min (76,6 gal/min)
Max. operating pressure	30,0 MPa (4351 psi)
Distributor control	Dual proportional Joystick
Distributor type	Hydraulic in 5 sections with "Load Sensing" proportional electronic servo-control with "Flow Sharing", 5 simultaneous movements with independent maximum speed control of each movement

REFUELING	
Machine model	PEGASUS 50.26
Hydraulic system (total)	320,0 L (84,54 gal)
Diesel tank	220,0 L (58,12 gal)
AdBlue tank	35,0 L (9,25 gal)

TRANSMISSION	
Machine model	PEGASUS 50.26
Transmission type	Hydrostatic with electronic control with variable displacement pump and ECO function
Hydraulic motor	Hydrostatic with continuous automatic adjustment
Reversal	With electronic control operated with vehicle in motion
Inching	With electronic pedal for controlled forward movement
Transmission gearbox	Servo-controlled 2-speed

TIRES	
Machine model	PEGASUS 50.26
Standard tires	18R22.5"
Optional tires	-

DIMENSIONS

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Machine model	PEGASUS 50.26
A	420 mm (16,5 in)
B	3239 mm (127,5 in)
C	3300 mm (129,9 in)
D	1870 mm (73,6 in)
E	1370 mm (53,9 in)
F	6455 mm (254,1 in)
G	8409 mm (331,1 in)
H	3095 mm (121,9 in)
I	980 mm (38,6 in)
L	2000 mm (78,7 in)
M	2500 mm (98,4 in)
N	5625 mm (221,5 in)
O	5360 mm (211 in)
P	1535 mm (60,4 in)
Q	4400 mm (173,2 in)
R	4915 mm (193,5 in)
S	2752 mm (108,3 in)
T	131 mm (5,2 in)



