

PERFORMANCE	
Vehicle model	PEGASUS 45.30
Maximum capacity	4500 kg (9921 lb)
Maximum lifting height	29,6 m (97,1 ft)
Maximum horizontal extension	26,0 m (85,3 ft)
Fork swiveling angle	133°
Towing force	10000 daN (22481 lbf)
Maximum climb angle	40%
Unladen weight	22150 kg (48832 lb)
Max speed (referred to wheels with maximum permitted diameter)	40 km/h (24,9 mph)

BOOM	
Vehicle model	PEGASUS 45.30
Lifting	14,5 s
Descent	9,5 s
Extension	29,0 s
Retraction	14,0 s
Forward swiveling	2,1 s
Reverse swiveling	1,3 s

ENGINE	
Vehicle model	PEGASUS 45.30
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 standard	Stage IV/Tier 4f
Exhaust gas treatment	DOC+SCR (AdBlue)
Cooling system	Liquid
Intake	16-valve turbo compressor, aftercooler

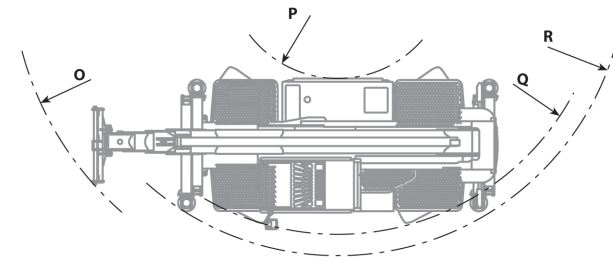
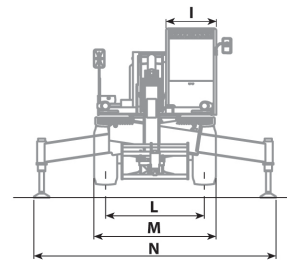
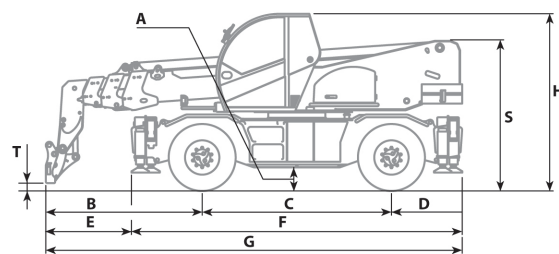
DIFFERENTIAL AXLES	
Vehicle model	PEGASUS 45.30
Type of axles	2 steering, with 4 planetary reduction gears
Type of steering	4 wheels / transversal / 2 wheels
Front axle	With transverse leveling device driven by the cab
Rear axle	Swinging
Service braking	Oil bath with servo brake on front and rear axle with double hydraulic system
Parking braking	Negative actuation with electrical control

REFUELING	
Vehicle model	PEGASUS 45.30
Hydraulic system (total)	320,0 L (84,54 gal)
Fuel tank	220,0 L (58,12 gal)
AdBlue tank	35,0 L (9,25 gal)

TIRES	
Vehicle model	PEGASUS 45.30
Standard tires	18R22.5"
Optional tires	-

HYDRAULIC SYSTEM	
Vehicle model	PEGASUS 45.30
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

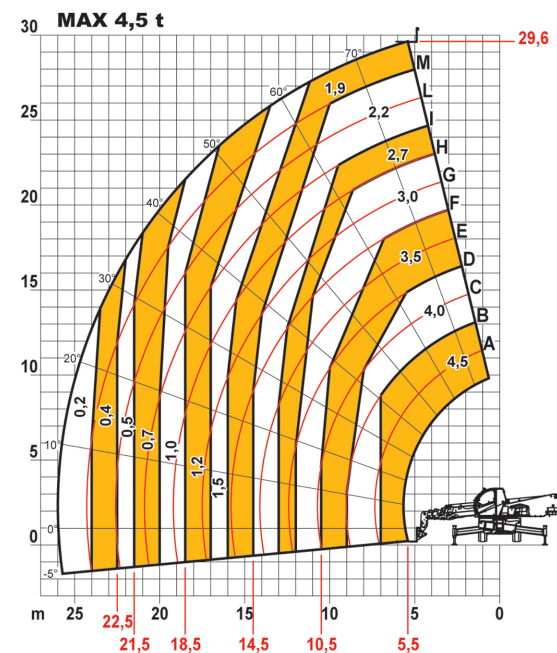
TRANSMISSION	
Vehicle model	PEGASUS 45.30
Transmission type	Hydrostatic with continuous adjustment and electronic control
Hydraulic motor	Hydrostatic with continuous automatic adjustment
Reversal	Electrohydraulic
Inching	With electronic pedal for controlled forward movement
Transmission gearbox	Servocontrolled 2-speed



DIMENSIONS	
Vehicle model	PEGASUS 45.30
A	420 mm (16,5 in)
B	3230 mm (127,2 in)
C	3300 mm (129,9 in)
D	1870 mm (73,6 in)
E	1955 mm (77 in)
F	6455 mm (254,1 in)
G	8400 mm (330,7 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	5960 mm (234,6 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	90 mm (3,5 in)



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