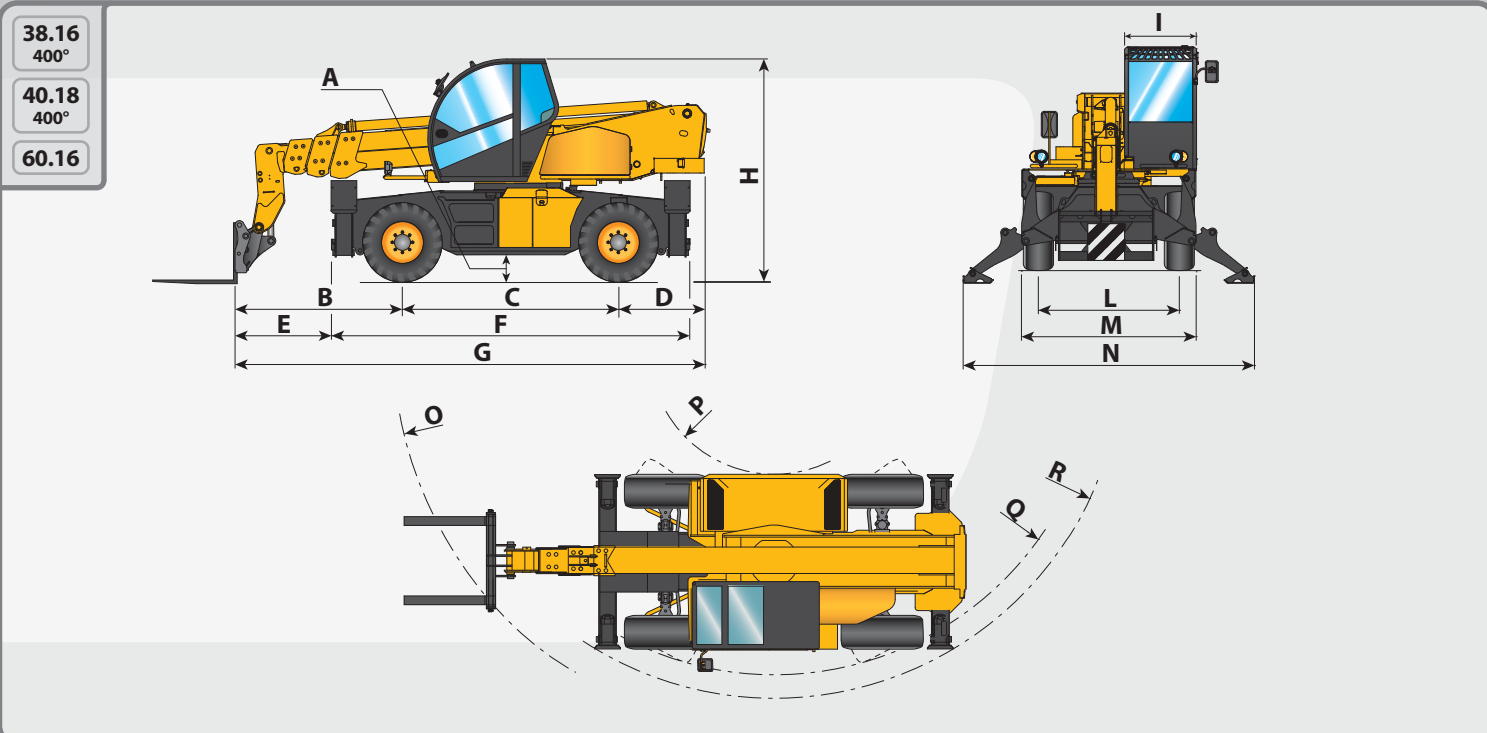
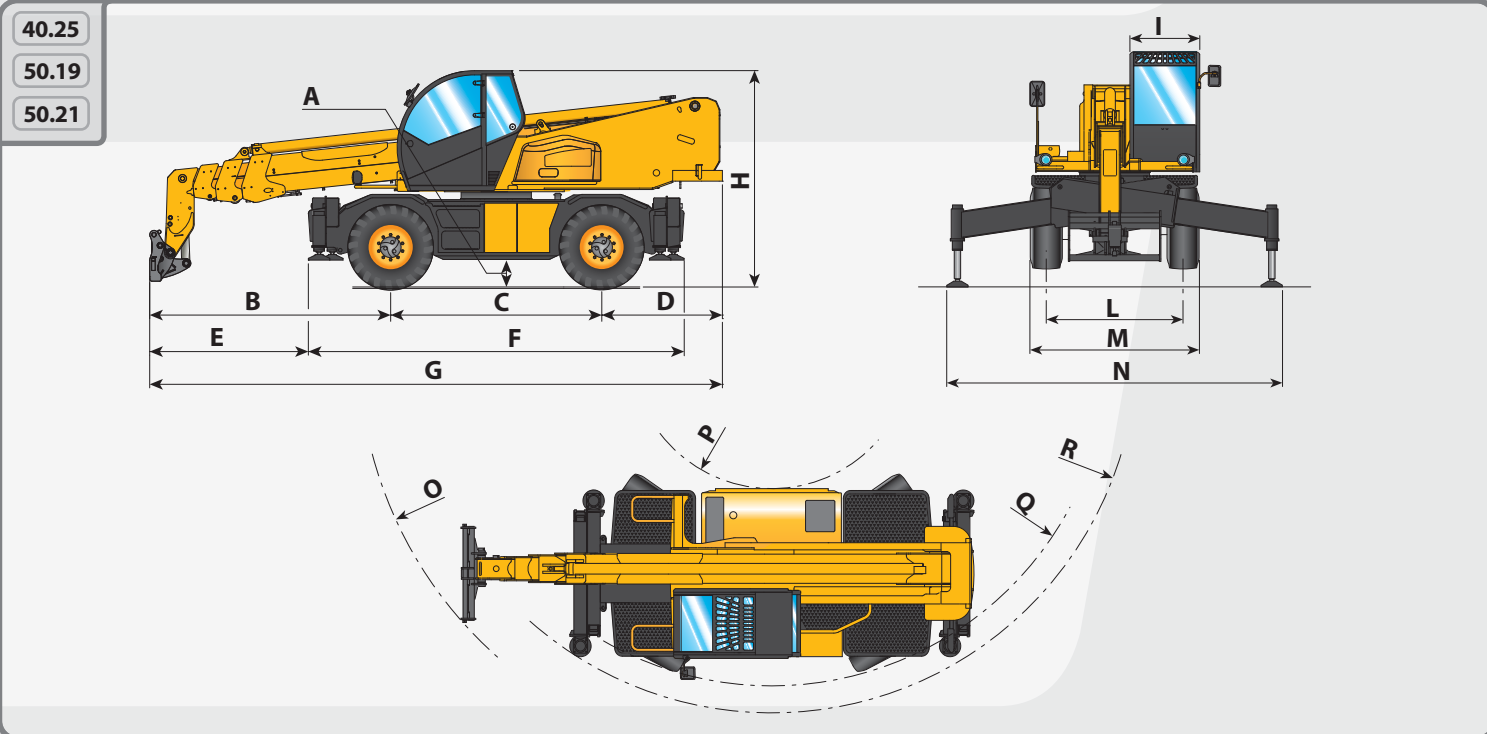


DIMENSIONS	38.16 400°	40.18 400°	40.25	50.19	50.21	60.16
A	310	310	360	360	360	360
B	2430	2280	3365	2660	2835	2580
C	2950	2950	2950	2950	2950	2950
D	1175	1175	1685	1150	1365	1190
E	1490	1330	2195	1510	1665	1580
F	4880	4880	5290	5290	5290	4940
G	6555	6405	8000	6760	7150	6720
H	3035	3035	3025	3025	3025	3020
I	980	980	980	980	980	980
L	1920	1920	1920	1920	1920	1920
M	2380	2380	2380	2380	2380	2380
N	3970	3970	5070	4800	5070	3820
O	5265	5160	6175	5450	5585	5380
P	1700	1700	1700	1700	1700	1700
Q	4430	4430	4430	4430	4430	4430
R	4750	4750	4790	4790	4790	4800

Measurements expressed in millimetres



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PEGASUS

PERFORMANCE	38.16 400°	40.18 400°	40.25	50.19	50.21	60.16
Maximum capacity (kg)	3.800	4.000	4.000	5.000	5.000	6.000
Maximum lifting height (m)	15,70	18,00	24,10	18,70	20,50	15,70
Maximum horizontal outreach (m)	13,35	15,30	20,50	16,40	18,00	13,00
Outreach at maximum height (m)	3,70	2,95	6,45	4,80	5,50	3,20
Fork swivelling angle	134°	134°	115°	115°	115°	134°
Pull-out force (daN)	5.700	5.700	5.700	5.700	5.700	5.700
Towing force (daN)	7.300	7.300	9.400	9.400	9.400	9.000
Maximum climb angle	40%	40%	40%	40%	40%	40%
Total weight empty (kg)	13.100	13.600	17.500	16.500	17.200	16.600
Max speed (km/h)	30	30	40	40	40	40

(referred to wheels having the maximum allowable diameter)

BOOM	38.16 400°	40.18 400°	40.25	50.19	50.21	60.16
Times: empty (in seconds)	Patented compensation system					
Lifting	17,4	20,6	21,9	21,9	21,9	24,8
Descent	12,6	14,2	13,8	13,8	13,8	16,5
Extension	34,2	26,0	44,4	27,8	31,2	24,7
Retraction	21,9	17,0	23,1	16,9	17,4	11,6
Forward swivelling	3,9	3,8	3,7	3,7	3,7	5,7
Reverse swivelling	2,4	2,0	2,3	2,3	2,3	2,5

ENGINE	38.16 400° - 40.18 400°	40.25 - 50.19 - 50.21 - 60.16
Model:	FPT	Perkins
Maximum power kW (hp):	74 (101)	106 (144)
Revolutions per minute (rpm):	2200	2200
Operation:	4 stroke diesel	4 stroke diesel
Injection:	Direct mechanical	Common-Rail
Number and arrangement of cylinders:	4, vertical in line	4, vertical in line
Displacement (cm³):	4485	4399
Specific consumption at 2200 rpm (g/kWh):	230	230

Aftercooler turbo compressor Electronic/Manual accelerator Aftercooler Turbo compressor
Liquid cooling system Air pre-heater for cold climates Liquid cooling system

TRANSMISSION
Hydrostatic transmission with variable displacement pump.
Hydrostatic engine with automatic variation.
Electrical - hydraulic inversion.
Inching pedal for controlled advancement.
Servocontrolled 2-speed gearbox.

REFUELLING (Litres)	
Hydraulic plant (total)	270
Fuel tank	180

OPTIONALS AND ACCESSORIES
A/C; digital speedometer; water heater; pneumatic seat suspension; light on boom head; quick attachment for accessories; radio; anti-theft alarm; glass protection; Transverse levelling device on wheels and others...
(For further customised accessories, please consult your local dealer)

SAFETY DEVICES
Movement block in case of overload, starting only with gear in neutral, running only with driver on board, automatic parking brake with engine stopped. Automatic transversal levelling with outriggers.
Stabilizers block and levelling device with boom up.

DEVICES AS PER STANDARD
ROPS - FOPS approval, suspension on silentblock, soundproof, ventilation and heating, openable rear glass and hood, double-glaze door with opening in the upper part, adjustable seat with seatbelt. Enables fitting a radio and adjustable steering wheel.
3" TFT Monitor with load indicator and function diagnostics and rev counter, temperature, water and fuel level analogue indicators.
Maximum turret rotation speed adjustment

HYDRAULIC PLANT	
Double gear pump with "Energy Saving" system	
Gear pump with capacity at max speed (lt/1')	135
Max working pressure (bar)	230
Control valve with joystick	5 in 1 proportional
Simultaneous movements	5
Proportional control distributor "Load Sensing" with "Flow Sharing"	

DIFFERENTIAL AXLES	
Steering axles: 2, with planetary reduction gears	
Steering types: 4 wheels / transversal / 2 wheels	
Front axle: levelling	For models: 40.25, 50.19, 50.21, 60.16
Front axle: rigid	For models: 38.16 400°, 40.18 400°
Back axle: oscillating	
Oil bath service braking on the 4 wheels with double hydraulic plant and servo brake	
Negative action parking brake	

TYRES	38.16 400° - 40.18 400°	40.25 - 50.19 - 50.21 - 60.16
Tyres	405/70R20"	18R22.5"
Alternative	405/70-20"	18-22.5"

