



Sherpa F50

Technical Datasheet



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Motor

Capacity	: 24.8 hp
Max. revolutions	: 2300 rpm
Adjusted revolutions	: 2300 rpm
Manufacturer	: Kubota
Type	: V1505
Number of cylinders	: 4
Fuel tank capacity	: 35 L
Cooling	: Water cooled

Capacity data

Breakout force	: 1880 kg
Tractive force	: 1500 kg*
Work hydraulics	: 45 L/min - 190 bar
Drive hydraulics	: 78 L/min - 400 bar
Hydraulic tank capacity	: 35 L

Tires

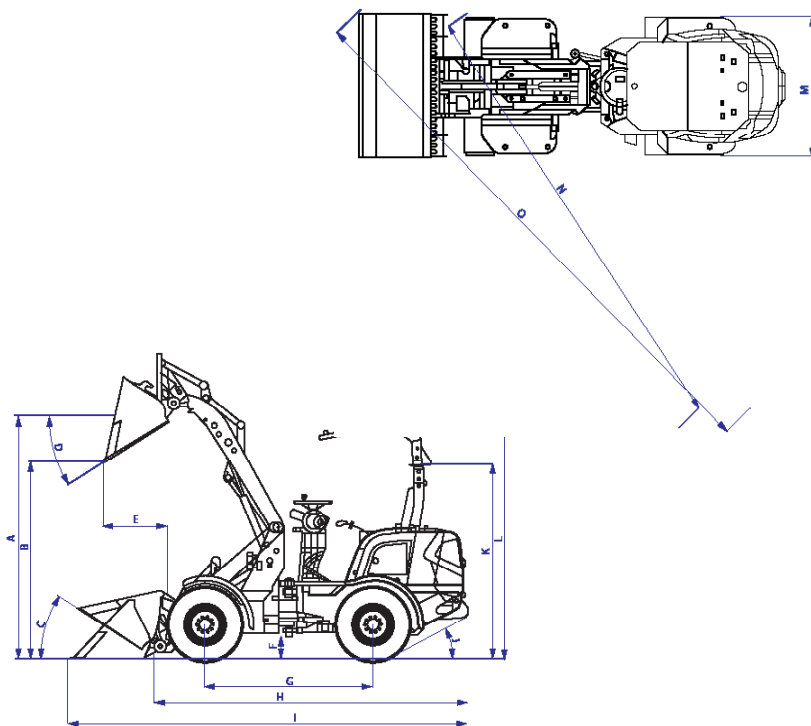
Standard	: 31x15.5-15
Narrow	: 280/70-16

Brakes

Braking system	: Hydrostatic on 4 wheels
Parking brake	: Hydrostatic/mechanical on 2 rear wheels

Drive system

Drive	: 4 hydraulic wheelmotors
Max. speed	: 0-20/25 (proportional) km/h*
Steering	: Articulated
Steering angle	: 45°



Dimensions in mm

A	Max height palletforks*	2435
B	Height underside of bucket when dumping*	1970
C	Bucket angle low*	33°
D	Bucket angle when dumping	32°
E	Length from wheel to bucket when dumping	640
F	Ground clearance*	237
G	Wheelbase	1685
H	Length machine excl. bucket	3124
I	Length machine incl. bucket	3985
J	Ramp angle	28°
K	Height machine (incl. FOPS)*	1990
K	Height machine (incl. ROPS)*	1990
L	Total maximum height (incl. FOPS)*	2405
L	Total maximum height (incl. ROPS)*	2440
M	Width machine*	1330
N	Turning radius	5380
O	Turning radius (incl. bucket)	6120

* Depending on choice of tires

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Specifications and features are subject to change without notice

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Oscillating system

Oscillating angle : 17°

Turning circle : 5380mm (excl. bucket)

Electrical system

Voltage : 12 V

Battery capacity : 44 Ah

Max. dimensions

(L mm x W mm x H mm, excl. bucket)

Narrow : 3125 x 1160 x 2395 incl. ROPS/FOPS

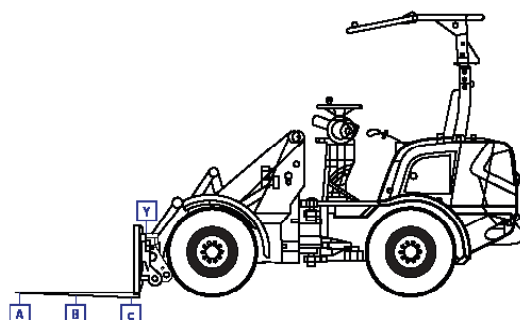
Standard : 3140 x 1330 x 2395 incl. ROPS/FOPS

Kerb weight

2184 kg (incl. standard tires, excl. bucket)

Tipping loads*:

Palletforks load low**



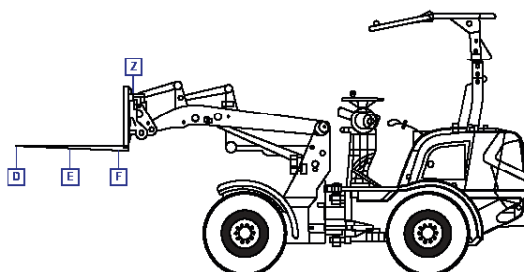
A 1250

B 2000

C 2150

Y 2250

Palletforks load high**



D 1350

E 1750

F 2150

Z 2060

* Including operator 75kg

** Take into account a safety factor of 30%

SHERPA F50

A real powerhouse with maximum operating comfort and low weight – the F50 has a power output of 25 hp thanks to the Kubota V1505 diesel engine, weighs less than 2200 kg and can lift up to 1750 kg. The F50 has a stable frame with a low pivot point, which guarantees safe and smooth operation. The low front frame provides maximum visibility of the load, contributing to precision and safety. The double-arm boom ensures high breakout force and perfect parallel movement of the attachment during operation. The F50 is equipped with a quick-change system as standard, has an easy step-in and adjustable steering column for maximum driver comfort.



More information? Please contact us!

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