Technical sheet:

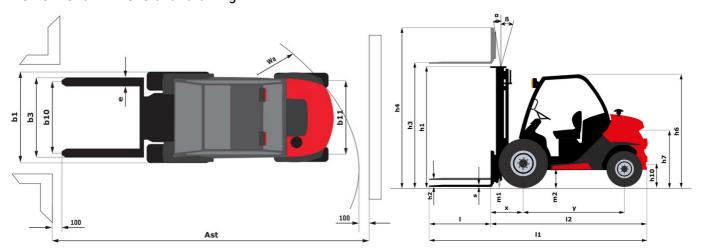
MC 18-2 ST5





		MC 18-2515 Geat	ed on October 29, 2025 at 8.32 PM
Te	echnical characteristics		Metric
1.1 Ma	anufacturer		Manitou
1.2 Mo	odel Name		MC 18-2 ST5
1.3 Po	ower source		Diesel
1.4 Or	perator type		Seated
1.5 Ma	ax. capacity	Q	1800 kg
	ad center of gravity	C	500 mm
	and distance, centre of drive axle to fork	X	616 mm
1.9 Wi	heelbase	٧	1900 mm
W	eight .		
	andard mast reference of the machine		FVD 33
2.1 Se	ervice weight		3440 kg
	eight on front axle (laden) / rear axle (laden)		4600 kg / 640 kg
	eight on front axle (Unladen) / rear axle (Unladen)		1590 kg / 1850 kg
	heels		1030 kg / 1000 kg
	res type		Pneumatic
	mensions of front wheels		12.5/80 - 18/12 SL R4
	mensions of rear wheels		7.00-12/12 ED PLUS
	umber of front wheels / rear wheels		2 / 2
	umber of drive wheels		2
	ont wheel gauge	b10	1159 mm
	ear wheel gauge	b10	1112 mm
	mensions	011	1112 111111
		hc / hc+	2155 mm / 1990 mm
	eight of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)	h6 / h6*	2155 Mill / 1990 Mill 1034 mm
	eat height/stand height	h7 I1	4100 mm
	verall length	12	
	ength to face of forks	12 b1	2950 mm 1450 mm
	verall width		
	orks section x width x length	s / e / l	35 mm x 100 mm / 1150 mm
	rk carriage ISO 2328 (class/form) A/B	10	2A
	rk carriage width	b3	1260 mm
	round clearance below mast	m1	300 mm
	round clearance at centre of wheelbase	m2	320 mm
	ıming radius	Wa	2585 mm
	erformances		
	avel speed (laden / unladen)		12 km/h / 23.50 km/h
	fting speed (laden / unladen)		0.44 m/s / 0.44 m/s
	owering speed (laden / unladen)		0.40 m/s / 0.40 m/s
	rawbar pull (Laden)		1000 daN
	radeability (laden)		19 %
	ervice brake		Hydraulic brakes by loss of pressure
	ansmission type		Hydrostatic
	ngine		
	igine brand / model / norm		Kubota / D1803 CR E5B / Stage V
	gine power (Hp / kW)		37 Hp/27 kW
	ted speed		2700 rpm
	umber of cylinders / Capacity of cylinders		3 - 1826 cm³
Mi	iscellaneous		
	pe of drive control		Electronic
	orking hydraulic pressure for attachments		160 bar
8.3 Oi	I flow rate for attachments		31 l/min

MC 18-2 ST5 - Dimensional drawing



Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)	
α - Mast/fork carriage tilt, forward	۰
β - Mast/fork carriage tilt, backward	۰
h1 - Mast lowered height	mm
h2 - Mast free lift	mm
h3 - Mast lifting height	mm
h4 - Mast extended height	mm
Residual capacity at max height	kg
Residual capacity with hooked-on side shift at max heigth	kg
Height at max capacity	mm
Height at max capacity with hooked-on sideshift	mm

FVD 33	FVD 37	FVD 40	FVD 45
12	12	12	12
10	10	10	10
2348	2608	2798	3048
85	85	85	85
3300	3700	4000	4500
4018	4428	4768	5268
1800	1800		1100
1800	1800		1100
3300	3700	2500	3600
3300	3700		3600

Free Lift Triplex (FLT)		FLT 37	FLT 43	FLT 47	FLT 55
α - Mast/fork carriage tilt, forward	۰	12	12	12	6
β - Mast/fork carriage tilt, backward	۰	10	10	10	6
h1 - Mast lowered height	mm	1998	2198	2348	2608
h2 - Mast free lift	mm	1305	1505	1655	1915
h3 - Mast lifting height	mm	3700	4300	4700	5500
h4 - Mast extended height	mm	4453	5053	5453	6253
Residual capacity at max height	kg	1600	1000	600	
Residual capacity with hooked-on side shift at max heigth	kg	1550	1000	600	
Height at max capacity	mm	3400	3400	3400	2500
Height at max capacity with hooked-on sideshift	mm	3300	3400	3400	

Full Visibility Triplex (FVT)		FVT 33
α - Mast/fork carriage tilt, forward	۰	12
β - Mast/fork carriage tilt, backward	۰	10
h1 - Mast lowered height	mm	1888
h2 - Mast free lift	mm	135
h3 - Mast lifting height	mm	3300
h4 - Mast extended height	mm	4048
Residual capacity at max height	kg	1800
Residual capacity with hooked-on side shift at max heigth	kg	1800
Height at max capacity	mm	3300
Height at max capacity with hooked-on sideshift	mm	3300





Head Office

B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes