Technical sheet:

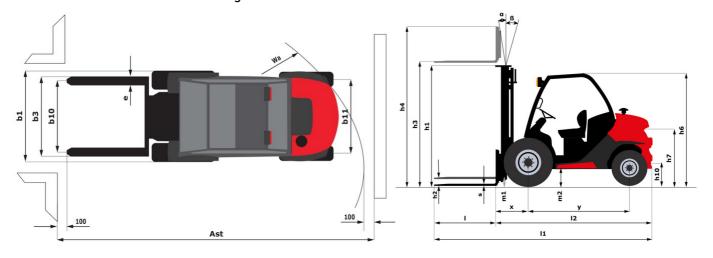
MC 18-4 ST5





		MC 18-4 5 15 Greate	d on November 2, 2025 at 1.03 AM
Tec	chnical characteristics		Metric
1.1 Ma	nufacturer		Manitou
1.2 Mo	del Name		MC 18-4 ST5
1.3 Pov	wer source		Diesel
1.4 Ope	erator type		Seated
	x. capacity	Q	1800 kg
	d center of gravity	c	500 mm
	ad distance, centre of drive axle to fork	X	616 mm
1.9 Wh	eelbase	Y	1900 mm
We	ight		
	ndard mast reference of the machine		FVD 33
2.1 Ser	vice weight		3590 kg
	ight on front axle (laden) / rear axle (laden)		4670 kg / 720 kg
	ight on front axle (Unladen) / rear axle (Unladen)		1660 kg / 1930 kg
	eels		1000 kg / 1200 kg
	es type		Pneumatic
	nensions of front wheels		12,5/80-18/12 SL R4
	nensions of rear wheels		27x10-12 SKS
	mber of front wheels / rear wheels		2/2
	mber of drive wheels		4
	nt wheel gauge	b10	1159 mm
	ar wheel gauge	b11	1176 mm
	nensions	511	1170 11111
	ight of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)	h6 / h6*	2155 mm / 1990 mm
	at height/stand height	h7	1094 mm
	erall length	I1	4100 mm
	ngth to face of forks	12	2950 mm
	erall width	b1	1450 mm
	ks section x width x length	s / e / l	35 mm x 100 mm / 1150 mm
	k carriage ISO 2328 (class/form) A/B	3/6/1	2A
	k carriage width	b3	1260 mm
	und clearance below mast	m1	300 mm
	und clearance at centre of wheelbase	m2	310 mm
	ning radius	Wa	3370 mm
	•	wa	3370 IIIII
	formances		12 km/h / 23.50 km/h
	vel speed (laden / unladen)		0.44 m/s / 0.44 m/s
	ting speed (laden / unladen)		
	vering speed (laden / unladen)		0.40 m/s / 0.40 m/s 1800 daN
	wbar pull (Laden)		35 %
	deability (laden)		
	vice brake		Hydraulic brakes by loss of pressure
	nsmission type		Hydrostatic
	jine		With the / D1000 OD FFD / Others W
	gine brand / model / norm		Kubota / D1803 CR E5B / Stage V
	jine power (Hp / kW)		37 Hp/27 kW
	ed speed		2700 rpm
	mber of cylinders / Capacity of cylinders		3 - 1826 cm³
	scellaneous		
	e of drive control		Electronic
	rking hydraulic pressure for attachments		160 bar
8.3 Oil	flow rate for attachments		31 l/min

MC 18-4 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		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	
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

Equipment

Standard
Differential Lock
Distributor with lever in cross - 2 hydraulic movments
Ecostop
Front tires - SOLIDEAL - SL-R4 - 12.5/80 R18 12-Ply - Rough terrain
Mechanical suspension vinyl seat - PILOT
Overhead guard No windshield No rear window No side windows Tempered glass roof window
Rear tires - SOLIDEAL - XTRA SKS - 27x10-12 R12 12-Ply - Rough terrain

Optional	
4th hydraulic movement	
Air suspension fabric seat - GRAMMER	
Closed cab	
Electrovalve 3 hydraulic functions on the_top of theboom	
Enclosed cab buggy version	
Joystick Switch and Move (JSM)	
LED Rotative Beacon	
LED front work lights (x2)	
Load backrest	
Open cab buggy version	
Radio	





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