Technical sheet:

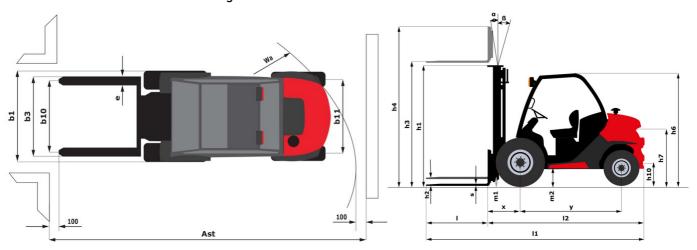
# MC 30-4 ST5





		MC 30-4 ST5	Created on November 1, 2025 at 12:22 PM t
Т	echnical characteristics		Metric
1.1 N	fanufacturer		Manitou
1.2 N	todel Name		MC 30-4 ST5
1.3 P	ower source		Diesel
1.4 0	perator type		Seated
1.5 M	lax. capacity	Q	3000 kg
	oad center of gravity	C	500 mm
	oad distance, centre of drive axle to fork	Х	626 mm
	/heelbase	у	1900 mm
	/eight		
	tandard mast reference of the machine		FVD 33
	ervice weight		4440 kg
	/eight on front axle (laden) / rear axle (laden)		6650 kg / 790 kg
	/heels		
	ires type		Pneumatic
	imensions of front wheels		12,5/80-18/12 SL R4
	imensions of rear wheels		27x10-12 SKS
	lumber of front wheels / rear wheels		2/2
	lumber of triont wheels		4
	ront wheel gauge	b10	1159 mm
		b10	1176 mm
	ear wheel gauge Imensions	DIT	1176 111111
		h6 / h6+	2155 mm / 1990 mm
	leight of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)	h6 / h6*	
	eat height/stand height	h7	1094 mm
	verall length	l1	4235 mm
	ength to face of forks	12	3085 mm
	verall width	b1	1450 mm
	orks section x width x length	s/e/l	45 mm x 100 mm / 1200 mm
	ork carriage ISO 2328 (class/form) A/B		3A
	round clearance below mast	m1	300 mm
	round clearance at centre of wheelbase	m2	310 mm
	isle width for 1000 x 1200 pallet widthways	Ast	5461 mm
	uming radius	Wa	3435 mm
	erformances		
	ravel speed (laden / unladen)		12 km/h / 24.50 km/h
	ifting speed (laden / unladen)		0.47 m/s / 0.46 m/s
	owering speed (laden / unladen)		0.50 m/s / 0.30 m/s
	rawbar pull (Laden)		3100 daN
	radeability (laden)		46 %
	ervice brake		Hydraulic brakes by loss of pressure
Т	ransmission type		Hydrostatic
E	ngine		
7.1 E	ngine brand / model / norm		Kubota / D1803 CRT E5B / Stage V
7.2 E	ngine power (Hp / kW)		50 Hp/37 kW
7.3 R	ated speed		2700 rpm
7.4 N	umber of cylinders / Capacity of cylinders		3 - 1826 cm³
N	fiscellaneous		
8.1 T	ype of drive control		Electronic
8.3 0	il flow rate for attachments		42 l/min
8.4 S	ound level at the driver's ear according to DIN 12 053		79 dB

### MC 30-4 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 45
12	12	12
10	10	10
2338	2598	3038
117	117	117
3300	3700	4500
4090	4490	5290
1400	1400	500
1400	1400	500
2700	2700	2800
2700	2700	2800
	•	

Free Lift Triplex (FLT)		FLT 34	FLT 37	FLT 40	FLT 43	FLT 47	FLT 55
α - Mast/fork carriage tilt, forward	۰	12	12	12	12	12	6
β - Mast/fork carriage tilt, backward		10	10	10	10	10	6
h1 - Mast lowered height	mm	1988	2088	2188	2338	2438	2788
h2 - Mast free lift	mm	1235	1335	1435	1585	1685	2035
h3 - Mast lifting height	mm	3400	3700	4000	4300	4700	5500
h4 - Mast extended height	mm	4236	4536	4836	5136	5536	6336
Residual capacity at max height	kg	1900	1500	1300	1400	430	500
Residual capacity with hooked-on side shift at max heigth	kg	1800	1400	1250		400	400
Height at max capacity	mm	2700	2600	2700	3100	2700	2500
Height at max capacity with hooked-on sideshift	mm	2700	2600	2700		2700	2500

Full Visibility Triplex (FVT)		FVT 33
α - Mast/fork carriage tilt, forward	٠	12
β - Mast/fork carriage tilt, backward	٠	10
h1 - Mast lowered height	mm	1878
h2 - Mast free lift	mm	129
h3 - Mast lifting height	mm	3300
h4 - Mast extended height	mm	4079
Height at max capacity	mm	2500

## **Equipment**

Standard	
Closed cab	
Differential Lock	
Easy link	
Ecostop	
Front tires - Rough terrain profil	
Inching Pedal	
Mechanical suspension PVC seat - Grammer MSG65	
Open cab	
Oscillating rear axle	
Rear tires - Rough terrain profil	
Rear working light	
Switch 2WD / 4WD	

Optional	
Audio warning on reverse	
Enclosed Cab with Heat and A/C	
Front and Rear - Work Lights	
Joystick Switch and Move (JSM)	
LED Rotative Beacon	
Load backrest	
Open cab	
Pneumatic seat	
Sideshift carriage	





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