Technical sheet :

M 30-2 D ST5



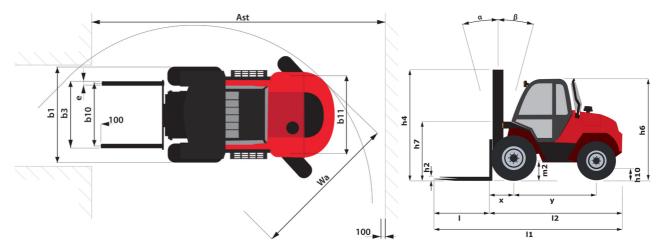


	Technical characteristics
1.1	Manufacturer
1.2	Model Name
1.3	Power source
1.4	Operator type
1.5	Max. capacity
1.6	Load center of gravity
1.8	Load distance, centre of drive axle to fork
1.9	Wheelbase
	Weight
2.1	Service weight
2.2	Weight on front axle (laden) / rear axle (laden)
2.3	Weight on front axle (Unladen) / rear axle (Unladen)
	Wheels
3.1	Tires type
3.2	Dimensions of front wheels
3.3	Dimensions of rear wheels
3.5	Number of front wheels / rear wheels
3.5.2	Number of drive wheels
3.6	Front wheel gauge
3.7	Rear wheel gauge
	Dimensions
4.7	Height of overhead guard (cabin)
1.8	Seat height/stand height
.19	Overall length
.20	Length to face of forks
.21	Overall width
.22	Forks section x width x length
.23	Fork carriage ISO 2328 (class/form) A/B
.24	Fork carriage width
4.31	Ground clearance below mast
4.32	Ground clearance at centre of wheelbase
4.33	Aisle width for 1000 x 1200 pallet widthways
4.34	Aisle width for 800 x 1200 pallet lengthways
4.35	Tuming radius
	Performances
5.1	Travel speed (laden / unladen)
5.2	Lifting speed (laden / unladen)
5.3	Lowering speed (laden / unladen)
5.5	Drawbar pull (Laden)
5.7	Gradeability (laden)
5.10	Service brake
	Engine
7.2	Engine power according to ISO 1585
.1	Engine brand / model
7.2	Engine power according to ISO 1585
7.3	Rated speed
7.4	Number of cylinders / Capacity of cylinders
	Miscellaneous
8.2	Working hydraulic pressure for attachments
8.3	Oil flow rate for attachments
8.4	Sound level at the driver's ear according to DIN 12 053
	Sound level at the uniters cal according to bird 12 055

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	Меtric
	MANITOU
	M 30-2 D ST5
	Diesel
	Seated
Q	3000 kg
c	500 mm
x	747 mm
y	1995 mm
, 	
	5895 kg
	7490 kg / 1405 kg
	2155 kg / 3740 kg
	Pneumatic
	14,5R20 18PR MPT80
	10R17,5 G291 GY
	2/2
	2
010	1550 mm
o11	1644 mm
h6	2450 mm
h7	1420 mm
1	4701 mm
12	3501 mm
b1	1923 mm
e/l	40 mm x 125 mm / 1200 mm
	ЗА
b3	1470 mm
m1	406 mm
m2	390 mm
Ast	5360 mm
Ast	5360 mm
Wa	3220 mm
	22 km/h / 22 km/h
	0.60 m/s / 0.60 m/s
	0.40 m/s / 0.40 m/s
	5600 daN
	62 %
	Hydraulic
	55 kW
	Deutz / TCD 2,9
	55 kW
	2300 rpm
	4 - 2925 cm³
	185 bar
	97 l/min
	78 dB

M 30-2 D ST5 - Dimensional drawing



Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 37	FVD 45
Mast/fork carriage tilt, forward	۰	6	6
Mast/fork carriage tilt, backward	۰	12	12
h1 - Mast lowered height	mm	2696	3136
h3 - Mast lifting height	mm	3700	4500
h4 - Mast extended height	mm	4626	4626
Residual capacity at max height	kg	3000	3000
Residual capacity with hooked-on side shift at max heigth	kg	3000	2600
Height at max capacity	mm	3700	4500
Height at max capacity with hooked-on sideshift	mm	3700	4100

Free Lift Triplex (FLT)		FLT 43	FLT 50	FLT 65
Mast/fork carriage tilt, forward	٥	6	6	6
Mast/fork carriage tilt, backward	٥	12	12	12
h1 - Mast lowered height	mm	2436	2696	3386
h2 - Mast free lift	mm	1580	1840	2530
h3 - Mast lifting height	mm	4300	5000	6500
h4 - Mast extended height	mm	4626	4626	4626
Residual capacity at max height	kg	2750	1600	
Residual capacity with hooked-on side shift at max heigth	kg	2750	1600	
Height at max capacity	mm	4000	4000	2500
Height at max capacity with hooked-on sideshift	mm	4000	4000	

Full Visibility Triplex (FVT)		FVT 55	FVT 70
Mast/fork carriage tilt, forward	۰	6	6
Mast/fork carriage tilt, backward	٥	10	10
h1 - Mast lowered height	mm	2966	3636
h3 - Mast lifting height	mm	5500	7000
h4 - Mast extended height	mm	4626	4626
Residual capacity at max height	kg	1600	
Residual capacity with hooked-on side shift at max heigth	kg	1600	
Height at max capacity	mm	4300	
Height at max capacity with hooked-on sideshift	mm	4000	



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