Technical sheet:

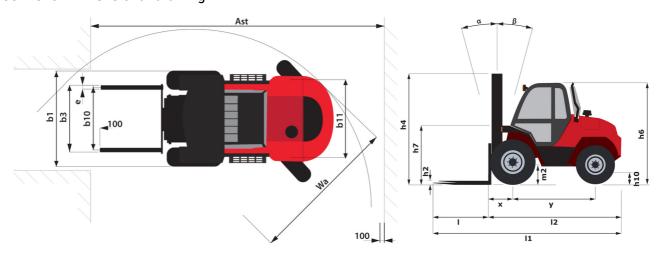
## M 30-2 ST5





Technical characteristics  Manufacturer  Model Name  Power source  Operator type  Max. capacity  Load centre of gravity	Q	Imperial MANITOU M 30-2 ST5 Diesel
Model Name Power source Operator type Max. capacity		M 30-2 ST5
Power source Operator type Max. capacity	0	
Operator type Max. capacity	0	Diesel
Max. capacity	0	
Max. capacity	0	Sitting
		6614 lb
	c	20 in
Load distance, centre of drive axle to fork	X	29 in
Wheelbase	٧	79 in
Weight		
		12996 lb
		16513 lb / 3097 lb
		4751 lb / 8245 lb
. , , , ,		
		Pneumatic
* *		14,5R20 18PR MPT80
		10R17,5 G291 GY
		2/2
		2
	h10	61 in
• •		65 in
	011	03 111
	he	96 in
		56 in
•		185 in
•		138 in 76 in
		2 in x 5 in / 47 in
	87 6 7 1	
	h)	3A 58 in
-		
		16 in
		15 in
· · · · · · · · · · · · · · · · · · ·		211 in
		211 in
<u> </u>	wa	127 in
		44 :0 /44 :0
, ,		14 mi/h / 14 mi/h
		2 ft/s / 2 ft/s
		1 ft/s / 1 ft/s
		5600 daN
* * *		62 %
		Hydraulic
		Deutz / TCD 2,9
		55 kW
•		2300 rpm
		4 - 178 in³
- ,		2683 PSI
Oil flow rate for attachments		26 US gpm 78 dB
	Service weight Weight on front axle (laden) / rear axle (laden) Weight on front axle (Unladen) / rear axle (Unladen) Wheels Tyres type Dimensions of front wheels Dimensions of rear wheels Number of front wheels / rear wheels Number of drive wheels Front wheel gauge Rear wheel gauge Pear wheel gauge Pear wheel gauge Dimensions Height of overhead guard (cabin) Seat height/stand height Overall length Fork carriage lso 2328 (class/form) A/B Fork carriage width Ground clearance below mast Ground clearance at centre of wheelbase Aisle width for 1000 x 1200 pallet lengthways Aisle width for 800 x 1200 pallet lengthways Travel speed (laden / unladen) Lifting speed (laden / unladen) Lowering speed (laden / unladen) Drawbar pull (Laden) Gradeability (laden) Service brake Engine Engine power according to ISO 1585 Rated speed Number of cylinders / Capacity of cylinders Miscellaneous Working hydraulic pressure for attachments Oil flow rate for attachments Sound level at the driver's ear according to DIN 12 053	Weight on front axle (laden) / rear axle (lonladen) Weight on front axle (Unladen) / rear axle (Unladen) Wheels Tyres type Dimensions of front wheels Dimensions of front wheels Number of front wheels / rear wheels Number of front wheels / rear wheels Number of drive wheels Front wheel gauge   b10 Rear wheel gauge   b11 Dimensions Height of overhead quard (cabin)   h6 Seat height/ stand height   h7 Overall length   h1 Length to face of forks   12 Overall width   b1 Fork carriage ISO 2328 (class/form) A/B Fork carriage ISO 2328 (class/form) A/B Fork carriage width   b3 Ground clearance below mast   m1 Ground clearance at centre of wheelbase   m2 Aisle width for 1000 x 1200 pallet lengthways   Ast Alsie width for 800 x 1200 pallet lengthways   Ast Alsie width for 800 x 1200 pallet lengthways   Ast Unwening speed (laden / unladen) Lifting speed (laden / unladen) Drawbar pull (Laden) Gradeability (laden)

## M 30-2 ST5 - Dimensional drawing



## Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 37	FVD 45
h1 - Height mast lowered *	in	8' 10"	10' 3"
h4 - Height mast extended *	in	15' 2"	17' 10"
h3 - Max. lifting height	in	12' 2"	14' 9"
$\alpha$ / $\beta$ - Mast inclination (front / rear)	۰	6 / 12	6 / 12
Residual capacity at max height	lb	6613.87	6613.87
Residual capacity with hooked-on side shift (Off road load chart)	lb	6613.87	5732.02

Free Lift Triplex (FLT)		FLT 43	FLT 50	FLT 65
h1 - Height mast lowered *	in	8'	8' 10"	11'1"
h2 - Free lift	in	5' 2"	6'	8' 4"
h4 - Height mast extended *	in	17' 2"	19' 6"	24' 5"
h3 - Max. lifting height	in	14' 1"	16' 5"	21' 4"
$\alpha$ / $\beta$ - Mast inclination (front / rear)	۰	6 / 12	6 / 12	6 / 12
Residual capacity at max height	lb	6062.71	3527.40	
Residual capacity with hooked-on side shift (Off road load chart)	lb	6062.71	3527.40	

Full Visibility Triplex (FVT)		FVT 55
h1 - Height mast lowered *	in	9' 9"
h4 - Height mast extended *	in	21' 6"
h3 - Max. lifting height	in	18' 1"
$\alpha$ / $\beta$ - Mast inclination (front / rear)	۰	6 / 10
Residual capacity at max height	lb	3527.40
Residual capacity with hooked-on side shift (Off road load chart)	lb	3527.40





## **Head Office**

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