Technical sheet :

## **M 30-4 D ST5**



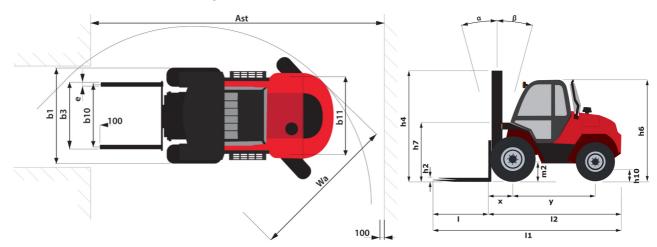


Technical characteristics    Image: Comparison of the compa			
1.2  Model Name    1.3  Power source    1.4  Operator type    1.5  Max. capacity    1.6  Load center of gravity    1.8  Load distance, center of dive axle to fork    1.9  Wheelbase    Weight    2.2    Weight on front axle (laden) / rear axle (laden)    2.3  Weight on front axle (laden) / rear axle (laden)    2.3  Weight on front axle (laden) / rear axle (laden)    2.3  Weight on front axle (laden) / rear axle (laden)    3.1  Tires type    3.1  Tires type    3.2  Dimensions of front wheels    3.5  Number of front wheels    3.5.1  Number of front wheels    3.5.2  Number of dive wheels    3.5.4  Portowhead guage    3.5.7  Rear wheelg auge    3.6  Front wheel gauge    3.7  Rear wheelg auge    3.6  Fortowhead guage (abun) / Owerall height of low owethead guard (Buggie version)    4.8  Seat height/Stand height    4.19  Overall width    4.20  Length to face of forks    4.21  Owerall width for 1000 x 1200 pallet lengthways    4.22  Fork saraige giS0 2282 (class/from) A/B			
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    Image: Centre of drive axle to fork      2.1    Service weight      2.2    Weight on front axle (lunaden) / rear axle (lunaden)      2.3    Weight on front axle (lunaden) / rear axle (lunaden)      2.4    Weight on front axle (lunaden) / rear axle (lunaden)      3.7    Three type      3.1    Three type      3.2    Dimensions of front wheels      3.3    Dimensions of front wheels      3.4    Dimensions of front wheels      3.5    Number of drive wheels      3.6    Front wheel gauge      3.7    Rear wheel gauge      4.7    Height of overhead guard (cabin / Overall height of low overhead guard (Buggie version)      4.8    Seat height/Stant height      4.20    Length to face of forks      4.21    Overall width      4.22    Fork carriage ISO 2328 (class/form) A/B      4.23    Ground clearance below mast	1.1	Manufacturer	
1.4  Operator type    1.5  Max. capacity    1.6  Load center of gravity    1.8  Load distance, cente of dive axle to fork    1.9  Wheelbase    Weight on front axle (laden) / rear axle (Uniaden)    2.1  Sentice weight    2.2  Weight on front axle (Uniaden) / rear axle (Uniaden)    2.3  Weight on front axle (laden) / rear axle (Uniaden)    2.4  Weight on front axle (laden) / rear axle (Uniaden)    3.1  Tires type    3.2  Dimensions of front wheels    3.3  Dimensions of rear wheels    3.4  Number of not wheels    3.5  Number of not wheels    3.6  Front wheel gauge    Otherasions    Otherasions    A rear wheel gauge    A rear wheel gauge    Otherasions    A rear wheel gauge    A rear wheel gauge    A rear wheel gauge    A rear wheel gauge    A rear whee	1.2	Model Name	
1.5    Max. capacity      1.6    Load center of gravity      1.8    Load distance, centre of dive axle to fork      1.9    Wheelbase      2.1    Service weight      2.2    Weight on front axle (laden) / rear axle (laden)      2.3    Weight on front axle (unladen) / rear axle (laden)      2.4    Weight on front axle (unladen) / rear axle (laden)      3.3    Dimensions of front wheels      3.4    Tires type      3.5    Number of front wheels      3.5    Number of drive wheels      3.5    Number of drive wheels      3.5    Number of drive wheels      3.6    Fornt wheel gauge      3.7    Rear wheel gauge      3.7    Rear wheel gauge      4.7    Height of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)      4.8    Seat height/stanch height      4.22    Fork serdion x with x length    s      4.23    Fork carriage ISO 2228 (class/form) A/B    s      4.24    Fork carriage ISO 2228 (class/form) A/B    s      4.23    Ground clearance at centte of wheelbase    s      4.34    As	1.3	Power source	
1.6    Load center of gravity      1.8    Load distance, center of dive axle to fork      1.9    Wheelbase      2.1    Service weight      2.2    Weight on front axle (lunden) / rear axle (lunden)      2.3    Weight on front axle (lunden) / rear axle (lunden)      3.1    Tires type      3.2    Dimensions of front wheels      3.3    Dimensions of front wheels      3.4    Number of drive wheels      3.5    Number of drive wheels      3.6    Front wheel gauge      3.7    Rear wheel gauge      3.8    Foot weithed guard (cabin) / Overall height of low overhead guard (Buggie version)      4.8    Seath height/Stand height      4.10    Overall width      4.21    Overall width      4.22    Fook carriage Ndh      4.23	1.4	Operator type	
1.8    Load distance, centre of drive axie to fork      1.9    Wheelbase      2.1    Service weight      2.2    Weight on front axie (laden) / rear axie (uloaden)      2.3    Weight on front axie (laden) / rear axie (uloaden)      2.4    Weight on front axie (laden) / rear axie (uloaden)      3.3    Dimensions of front wheels      3.4    Tires type      3.5    Number of front wheels / rear wheels      3.5.2    Number of drive wheels      3.5.4    Number of drive wheels      3.5.7    Rear wheel gauge      3.6    Front wheel gauge      3.7    Rear wheel gauge      4.7    Height of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)      4.8    Seat height/istand height      4.9    Overall widh      4.20    Length to face of forks      4.21    Overall widh      4.22    Fork section x widh's klength      4.33    Asies widh for 800 x 1200 palet lengthways      4.34    Asies widh for 800 x 1200 palet lengthways      4.35    Turning radius      5.5    Turning radius      5.6    Engine	1.5	Max. capacity	
19    Wheelbase      2.1    Service weight      2.2    Weight on front axie (laden) / rear axie (laden)      2.3    Weight on front axie (laden) / rear axie (unladen)      3.1    Tires type      3.2    Dimensions of front wheels      3.3    Dimensions of frear 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      10    Dimensions      4.7    Height of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)    h      4.8    Seat height/stand height    I      4.7    Height of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)    h      4.8    Seat height/stand height    I      4.20    Length to face of forks    I      4.21    Overall width    I      4.22    Fork camage ISO 2228 (class/form) A/B    I      4.33    Ground clearance at cente of wheelbase    I      4.34    Aisle width for 1000 x 1200 pallet widthways    I      4.35    Turning radius    I	1.6	Load center of gravity	
Weight    Image: Service weight      2.1    Service weight      2.2    Weight on front axle (laden) / rear axle (Unladen)      2.3    Weight on front axle (Unladen) / rear axle (Unladen)      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      0    Dimensions      1    Dimensions      4.7    Height of overhead guard (cabin / Overall height of low overhead guard (Bugie version)      4.8    Seat heightystand height      4.9    Overall length      4.10    Overall width      4.21    Overall width      4.22    Fork service width X length      4.23    Fork carriage ISO 2328 (class/form) A/B      4.24    Fork carriage ISO 2328 (class/form) A/B      4.25    Ground clearance to themelbase      4.36    Aisle width for 1000 x 1200 pallet widthways      4.36    Aisle width for 1000 x 1200 pallet widthways      4.36    Lowering	1.8	Load distance, centre of drive axle to fork	
2.1  Service weight	1.9	Wheelbase	
2.1  Service weight		Weight	
2.2    Weight on front axle (laden) / rear axle (laden)      2.3    Weight on front axle (Unladen) / rear axle (Unladen)      3.1    Tires type      3.2    Dimensions of front wheels      3.3    Dimensions of front wheels      3.5    Number of front wheels      3.5    Number of front wheels      3.6    Front wheel gauge      3.7    Rear wheel gauge      4.7    Height of orchead guard (cabin) / Overall height of low overhead guard (Buggie version)      4.8    Seat height/Stand height      4.10    Overall width      4.22    Fork carriage kill (cabin) / NB      4.23    Fork carriage kill (cabin / N/B	2.1		
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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    Dimensions      4.7    Height of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)    http://packat.com			
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3.5.2    Number of drive wheels    Image: Comparison of drive wheels      3.6    Front wheel gauge    Image: Comparison of drive wheel gauge      3.7    Rear wheel gauge    Image: Comparison of drive wheel gauge      4.7    Height of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)    Image: Comparison of drive wheels of drive wheels of drive wheel gauge      4.7    Height of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)    Image: Comparison of drive wheels drive wheels of drive wheels drive drive wheels drive dr			
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3.7    Rear wheel gauge      Jinensions    Image (abuge)      4.7    Height of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)    height      4.8    Seat height/stand height    Image (abuge)    height      4.19    Overall length    Image (abuge)    Image (abuge)    height      4.20    Length to face of forks    Image (abuge)    Image (			
Dimensions      4.7    Height of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)    ht      4.8    Seat height/stand height			
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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 / Unladen)      5.10    Service brake      Engine    1      7.2    Engine power according to IS0 1585      7.1    Engine power according to IS0 1585      7.2    Engine power according to IS0 1585      7.3    Rated speed      7.4    Number of cylinders / Capacity of cylinders	4.33	Aisle width for 1000 x 1200 pallet widthways	
Performances      5.1    Travel speed (laden / unladen)      5.2    Lifting speed (laden / unladen)      5.3    Lowering speed (laden / unladen)      5.4    Travel speed (laden / unladen)      5.5    Drawbar pull (Laden / Unladen)      5.10    Service brake      Engine    1      7.2    Engine power according to IS0 1585      7.1    Engine brand / model / norm      7.2    Engine power according to IS0 1585      7.3    Rated speed      7.4    Number of cylinders / Capacity of cylinders	4.34	Aisle width for 800 x 1200 pallet lengthways	
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5.3    Lowering speed (laden / unladen)      5.5    Drawbar pull (Laden / Unladen)      5.10    Service brake      Engine      7.2    Engine power according to ISO 1585      7.1    Engine brand / model / norm      7.2    Engine power according to ISO 1585      7.3    Rated speed      7.4    Number of cylinders / Capacity of cylinders	5.2	Lifting speed (laden / unladen)	
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5.10  Service brake    Engine    7.2  Engine power according to ISO 1585    7.1  Engine brand / model / norm    7.2  Engine power according to ISO 1585    7.3  Rated speed    7.4  Number of cylinders / Capacity of cylinders			
Engine      7.2    Engine power according to ISO 1585      7.1    Engine brand / model / norm      7.2    Engine power according to ISO 1585      7.3    Rated speed      7.4    Number of cylinders / Capacity of cylinders			
7.2  Engine power according to IS0 1585    7.1  Engine brand / model / norm    7.2  Engine power according to IS0 1585    7.3  Rated speed    7.4  Number of cylinders / Capacity of cylinders			
7.1    Engine brand / model / norm      7.2    Engine power according to ISO 1585      7.3    Rated speed      7.4    Number of cylinders / Capacity of cylinders	7.2		
7.2    Engine power according to ISO 1585      7.3    Rated speed      7.4    Number of cylinders / Capacity of cylinders			
7.3  Rated speed    7.4  Number of cylinders / Capacity of cylinders		-	
7.4 Number of cylinders / Capacity of cylinders			
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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	8.4	Sound level at the driver's ear according to DIN 12 053	

<b>м зо-4 d st s</b> C	reated on May 11, 2024 at 9:53:07 AM UTC
	Imperial
	MANITOU
	M 30-4 D ST5
	Diesel

	Imperial
	MANITOU
	M 30-4 D ST5
	Diesel
	Seated
	6614 lb
	20 in
	29 in
	79 in
	13151 lb
	16513 lb / 3252 lb
	4751 lb / 8400 lb
	Pneumatic
	405/70-20 149B 1323
	10,5-18 12PR 1317
	2/2
	4
	60 in
	64 in
	04 III
*	97 in / 97 in
	56 in
	185 in
	138 in
	76 in
I	2 in x 5 in / 47 in
	3A
	58 in
	16 in
	16 in
	243 in
	243 in
	159 in
	105 m
	6 mph / 14 mph
	2 ft/s / 2 ft/s
	1 ft/s / 1 ft/s
	6290 daN / 4250 daN
	Hydraulic
	55 kW
	Deutz / TCD 2,9 / Stage V
	55 kW
	2300 rpm
	4 - 178 in <sup>3</sup>
	2683 PSI
	26 US gpm
	78 dB

## M 30-4 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	in	105.9	123.2
h3 - Mast lifting height	in	145.7	177.2
Residual capacity at max height	lb	6614	6614
Residual capacity with hooked-on side shift at max heigth	lb	6614	6614
Height at max capacity	in	145.7	177.2
Height at max capacity with hooked-on sideshift	in	145.7	177.2

Free Lift Triplex (FLT)		FLT 43	FLT 50	FLT 65
Mast/fork carriage tilt, forward	۰	6	6	6
Mast/fork carriage tilt, backward	۰	12	12	12
h1 - Mast lowered height	in	95.6	105.9	133
h2 - Mast free lift	in	61.9	72.2	99.3
h3 - Mast lifting height	in	169.3	196.9	255.9
Residual capacity at max height	lb	6614		
Residual capacity with hooked-on side shift at max heigth	lb	6614	3527	1102
Height at max capacity	in	169.3	98.4	98.4
Height at max capacity with hooked-on sideshift	in	118.1	161.4	169.3

Full Visibility Triplex (FVT)		FVT 55	FVT 70
Mast/fork carriage tilt, forward	۰	6	6
Mast/fork carriage tilt, backward	۰	10	10
h1 - Mast lowered height	in	116.5	142.9
h3 - Mast lifting height	in	216.5	275.6
Residual capacity at max height	lb	4409	
Residual capacity with hooked-on side shift at max heigth	lb	3307	
Height at max capacity	in	165.4	
Height at max capacity with hooked-on sideshift	in	165.4	



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