Technical sheet :







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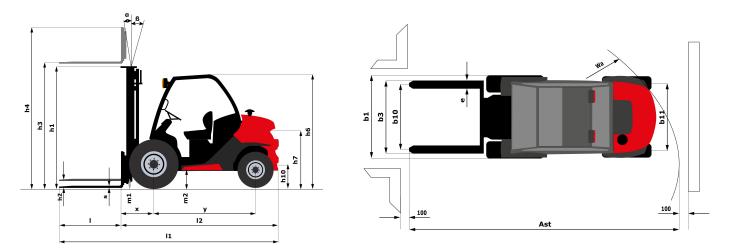
Engine brand / model / norm

Add Name  Power source Operator type  Max. capacity Load centre of gravity Load distance, centre of drive axle to fork Wheelbase  Webelbase Weblb Webelbase Weblb Webelbase Weblb Webelbase Weblb		
Manufacturer       Model Name       Power source       Operator type       Querator type       Max. capacity       Load entre of gravity       Load distance, centre of drive axle to fork       Wheelbase       Waipht       Straine (Loaden) / rear axle (Loaden)       Waipht on front axle (Loaden) / rear axle (Loaden)       Waipht on front axle (Loaden) / rear axle (Loaden)       Waipht on front axle (Loaden) / rear axle (Loaden)       Waipht on front axle (Loaden) / rear axle (Loaden)       Waipht on front axle (Loaden) / rear axle (Loaden)       Waipht on front axle (Loaden) / rear axle (Loaden)       Waipht on front axle (Loaden) / rear axle (Loaden)       Waipht on front axle (Loaden) / rear axle (Loaden)       Waipht on front axle (Loaden) / rear axle (Loaden)       Waipht on front axle (Loaden) / rear axle (Loaden)       Waipht on front axle (Loaden) / rear axle (Loaden)       Waipht of front wheels       Number of front wheels       Premsions of front wheels       Number of drive wheels       Premsions of front wheels / rear wheels       Number of drive wheels       Premsions       Tit of Mast Forward (deg) / Backward (deg)       Premsions       Overall height of standard overhead guard       Star height/stand height       Overall height of standard overhead guard	Technical characteristics	
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Operator type           Operator type           Max. capacity           Load centre of gravity           Load distance, centre of drive axle to fork           Wheelbase           Weight           Service Weight           Weight on front axle (laden) / rear axle (laden)           Weight on front axle (laden) / rear axle (laden)           Weight on front axle (laden) / rear axle (laden)           Weight on front axle (laden) / rear axle (laden)           Wheelba           Tyres type           Dimensions of front wheels           Number of front wheels           Number of front wheels           Print wheel gauge           Rear wheel           Dimensions           Tore towheel gauge (cabin)           Overall height of standard overhead guard           Seat height/stand height           Overall cage forks           Overall width           Fork section / width / length           Fork section / width / length           Fork carriage width           Ground clearance teelrow mast           Ground clearance teelrow divelebase           Alse width for 1000 x 1200 pallet widthways           Turning radius           Performarced           Laweing speed (laden	Model Name	
Operator type           Operator type           Max. capacity           Load centre of gravity           Load distance, centre of drive axle to fork           Wheelbase           Weight           Service Weight           Weight on front axle (laden) / rear axle (laden)           Weight on front axle (laden) / rear axle (laden)           Weight on front axle (laden) / rear axle (laden)           Weight on front axle (laden) / rear axle (laden)           Wheelba           Tyres type           Dimensions of front wheels           Number of front wheels           Number of front wheels           Print wheel gauge           Rear wheel           Dimensions           Tore towheel gauge (cabin)           Overall height of standard overhead guard           Seat height/stand height           Overall cage forks           Overall width           Fork section / width / length           Fork section / width / length           Fork carriage width           Ground clearance teelrow mast           Ground clearance teelrow divelebase           Alse width for 1000 x 1200 pallet widthways           Turning radius           Performarced           Laweing speed (laden	Power source	
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Weight           Service Weight           Weight on front axle (laden) / rear axle (laden)           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           Dimensions of rear wheels           Number of drive wheels           Front wheel gauge           Rear wheel           Dimensions           Tilt of Mast Forward (deg) / Backward (deg)           Height of overhead guard (cabin)           Overall height of standard overhead guard           Seat height/stand height           Overall width           Fork carriage 150 2328 (class/form) A/B           Fork carriage iso 2328 (class/form) A/B           Fork carriage width           Ground clearance at centre of wheelbase           Alse width for 1000x 1200 pallet widthways           Turning radius           Performances           Travel speed (laden / unladen)           Lifting speed (laden / unladen)           Drawbar pull (Laden / Unladen)		
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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         Dimensions         Dimensions of rear wheels         Front wheel gauge         Rear wheel         Dimensions         Tit of Mast Forward (deg) / Backward (deg)         Height of overhead guard (cabin)         Overall height of standard overhead guard         Seat height/stand height         Outrall length         Length to face of forks         Overall width         Fork carriage ISO 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 widthways         Turning radius         Performances         Travel speed (laden / unladen)         Lifting speed (laden / unladen)         Drawbar pull (Laden / 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           Dimensions           Tilt of Mast Forward (deg) / Backward (deg)           Height of overhead guard (cabin)           Overall height of standard overhead guard           Seat height/stand height           Overall length           Length to face of forks           Overall width           Fork carriage ISO 2328 (class/form) A/B           Fork carriage width           Ground clearance at centre of wheelbase           Ailse width for 1000 x 1200 pallet widthways           Turing radius           Performances           Travel speed (laden / unladen)           Lifting speed (laden / unladen)           Lifting speed (laden / unladen)           Drawbar pull (Laden / Unladen)		
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Number of drive wheels         Front wheel gauge         Rear wheel         Dimensions         Tilt of Mast Forward (deg) / Backward (deg)         Height of overhead guard (cabin)         Overall height of standard overhead guard         Seat height/stand height         Overall length         Length to face of forks         Overall width         Forks section / width / length         Fork carriage ISO 2328 (class/form) A/B         Fork carriage width         Ground clearance below mast         Ground clearance at centre of wheelbase         Aile width for 1000 x 1200 pallet widthways         Turning radius         Performances         Travel speed (laden / unladen)         Lifting speed (laden / unladen)         Dawbar pull (Laden / Unladen)         Dawbar pull (Laden / Unladen)	Dimensions of rear wheels	
Number of drive wheels         Front wheel gauge         Rear wheel         Dimensions         Tilt of Mast Forward (deg) / Backward (deg)         Height of overhead guard (cabin)         Overall height of standard overhead guard         Seat height/stand height         Overall length         Length to face of forks         Overall width         Forks section / width / length         Fork carriage ISO 2328 (class/form) A/B         Fork carriage width         Ground clearance below mast         Ground clearance at centre of wheelbase         Aile width for 1000 x 1200 pallet widthways         Turning radius         Performances         Travel speed (laden / unladen)         Lifting speed (laden / unladen)         Dawbar pull (Laden / Unladen)         Dawbar pull (Laden / Unladen)	Number of front wheels / rear wheels	
Rear wheel         Dimensions         Tilt of Mast Forward (deg) / Backward (deg)         Height of overhead guard (cabin)         Overall height of standard overhead guard         Seat height/stand height         Overall length         Length to face of forks         Overall width         Fork section / width / length         Fork carriage ISO 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 widthways         Turning radius         Performances         Travel speed (laden / unladen)         Lifting speed (laden / unladen)         Dawbar pull (Laden / Unladen)         Drawbar pull (Laden / Unladen)	Number of drive wheels	
Rear wheel         Dimensions         Tilt of Mast Forward (deg) / Backward (deg)         Height of overhead guard (cabin)         Overall height of standard overhead guard         Seat height/stand height         Overall length         Length to face of forks         Overall width         Fork section / width / length         Fork carriage ISO 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 widthways         Turning radius         Performances         Travel speed (laden / unladen)         Lifting speed (laden / unladen)         Dawbar pull (Laden / Unladen)         Drawbar pull (Laden / Unladen)	Front wheel gauge	
Dimensions         Tilt of Mast Forward (deg) / Backward (deg)         Height of overhead guard (cabin)         Overall height of standard overhead guard         Seat height/stand height         Overall length         Length to face of forks         Overall width         Forks section / width / length         Fork carriage ISO 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 widthways         Turning radius         Performances         Travel speed (laden / unladen)         Lifting speed (laden / unladen)         Dawring speed (laden / unladen)         Drawbar pull (Laden / Unladen)	Rear wheel	
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Drawbar pull (Laden / Unladen) Gradeability - laden / unladen		
Gradeability - laden / unladen		
·		
	Drawbar pull (Laden / Unladen)	

	Metric Manitou
	MC 30-2
	Diesel
0	Seated
Q	3000 kg
c	500 mm
х	626 mm
у	1900 mm
	4355 kg
	6435 kg / 920 kg
	1660 kg / 2695 kg
	Pneumatic
	12,5/80-18/12 SL R4
	7,00-12/12 ED PLUS
	2/2
	2
b10	1159 mm
b11	1176 mm
α/β	10 / 12
h6	2155 mm
h6	2155 mm
h7	1094 mm
11	4265 mm
12	3085 mm
b1	1450 mm
s / e / I	45 mm x 122 mm x 1150 mm
	ЗА
b3	1260 mm
m1	300 mm
m2	310 mm
Ast	4626 mm
Wa	2650 mm
	12 km/b / 24.0 km/b
	12 km/h / 24.9 km/h
	0.47 Nm / 0.46 Nm
	0.5 Nm / 0.3 Nm
	1810 daN / 1150 daN
	23 % / 26 %
	Hydraulic brakes by loss of pressure
	Kubota / D1803 CRT E5B / Stage V

	Engine	
7.2	Engine power according to ISO 1585	36 kW
7.3	Rated speed	2700 tr/min
7.4	Number of cylinders / Capacity of cylinders	4-2434 cm <sup>3</sup>
7.5	Fuel consumption according to VDI cycle	5,3
	Miscellaneous	
8.1	Type of drive control	Cable
8.2	Working hydraulic pressure for attachments (bar)	180 Bar
8.3	Oil flow rate for attachments	53 l/min
8.4	Measured/guaranteed mean noise level at the ear of the operator	< 82 dB(A)

## Dimensional drawing

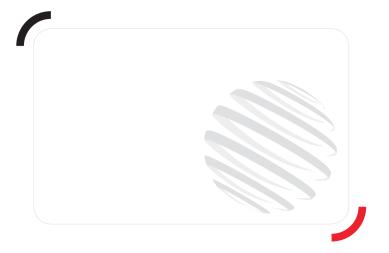


## Characteristics of masts and residual capacities

Full Visibility Duplex		FVD 33	FVD 37	FVD 45
h2 - Free lift	mm	117	117	117
h1 - Height mast Lowered	mm	2338	2598	3038
h3 - Lifting Height	mm	3300	3700	4500
h4 - Height mast extended	mm	4090	4490	5290
$\alpha$ / $\beta$ - Mast inclination (front / rear)	٥	10 / 12	10 / 12	10 / 12

Free Lift Triplex		FLT 34	FLT 37	FLT 40	FLT 43	FLT 47	FLT 55
h2 - Free lift	mm	1235	1335	1435	1585	1685	2035
h1 - Height mast Lowered	mm	1988	2088	2188	2338	2438	2788
h3 - Lifting Height	mm	3400	3700	4000	4300	4700	5500
h4 - Height mast extended	mm	4236	4536	4836	5136	5536	6336
$\alpha/\beta$ - Mast inclination (front / rear)	٥	10 / 12	10 / 12	10 / 12	10 / 12	10 / 12	6/6
Residual capacity at max height	kg	1580					
Residual capacity without attachment (Industrial load chart)	kg	1580					
Height at max capacity	mm	2500					

Full Visibility Triplex		FVT 33
h2 - Free lift	mm	129
h1 - Height mast Lowered	mm	1878
h3 - Lifting Height	mm	3300
h4 - Height mast extended	mm	4079
$\alpha/\beta$ - Mast inclination (front / rear)	0	10 / 12





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