Technical sheet :







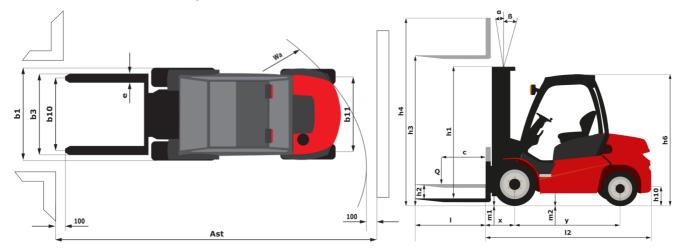
11	Technical characteristics
1.1	Manufacturer
1.2	Model Name
1.3	Power source
1.4	Operator type
1.5	Max. capacity
1.6	Load center of gravity
1.8	Load distance, centre of drive axle to fork
1.9	Wheelbase
	Weight
2.1	Service weight
2.2	Weight on front axle (laden) / rear axle (laden)
2.3	Weight on front 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)
4.8	Seat height/stand height
4.19	Overall length
4.20	Length to face of forks
4.21	Overall width
4.22	Forks section / width / length
4.23	Fork carriage ISO 2328 (class/form) A/B
4.24	Fork carriage width
4.31	Ground clearance below mast
4.32	Ground clearance at centre of wheelbase
4.33	Aisle Width for pallets 1000 x 1200 crossways
4.35	Turning 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)
5.7	Gradeability (laden / unladen)
5.10	Service brake
	Engine
7.1	Engine brand / model
7.2	Engine power according to ISO 1585
7.3	Rated speed
7.4	Number of cylinders / Capacity of cylinders
	Miscellaneous
8.1	Type of drive control
0.0	Working hydraulic pressure for attachments
8.2	
8.2 8.3	Oil flow rate for attachments

MSI-X 35	Created on April	23, 2024 at	8:38:24 PM UTC

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	Imperial
	Manitou
	MSI-X_35
	Diesel
	Seated
Q	7716 lb
c	20 in
	25 in
x	
у	75 in
	10040 lk
	10240 lb
	16006 lb / 1951 lb
	3704 lb / 6537 lb
	Pneumatic
	300-15/18 6T P43
	7.00-12/12 ED PLUS
	2 / 2
	2
b10	41 in
b11	44 in
h6	82 in
h7	38 in
1	167 in
12	126 in
b1	52 in
s/e/l	2 in x 5 in x 45 in
	3A
b3	50 in
m1	10 in
m2	9 in
Ast	184 in
Wa	8792 ft 8 in
	11 mph-14 mph
	2 ft/s-2 ft/s
	2 ft/s-0.98 ft/s
	2070 daN / 1380 daN
	26 % / 31 %
	Hydraulic brakes by loss of pressure
	Kubota / V2403
	36 kW
	2700 rpm
	4 - 149 in <sup>3</sup>
	- 17210
	Cable
	2611 PSI
	12 US gpm < 80 dB
	< 80 dB 80 dB
	ou ub

## MSI-X 35 - Dimensional drawing



## Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 30	FVD 33	FVD 37	FVD 40	FVD 45
Mast/fork carriage tilt, forward	٥	10	10	3500	10	10
Mast/fork carriage tilt, backward	٥	12	12	3500	12	12
h1 - Mast lowered height	in	84.1	90	100.2	107.7	117.6
h2 - Mast free lift	in	3.5	3.5	3.5	3.5	3.5
h3 - Mast lifting height	in	118.1	129.9	145.7	157.5	177.2
h4 - Mast extended height	in	147.2	159	174.7	186.5	206.2
Residual capacity at max height	lb	7716	7716			
Height at max capacity	in	118.1	145.7	145.7	98.4	98.4

Free Lift Triplex (FLT)		FLT 34	FLT 37	FLT 40	FLT 43	FLT 47	FLT 55	FLT 60
Mast/fork carriage tilt, forward	۰	10	10	10	10	10	6	6
Mast/fork carriage tilt, backward	٥	12	12	12	12	12	6	6
h1 - Mast lowered height	in	76.2	80.2	84.1	90	93.9	107.7	117.6
h2 - Mast free lift	in	47.6	51.5	55.4	61.3	65.3	79.1	88.9
h3 - Mast lifting height	in	133.9	145.7	157.5	169.3	185	216.5	236.2
h4 - Mast extended height	in	164.7	176.5	188.3	200.2	215.9	247.4	267.1
Residual capacity at max height	lb	7716						
Height at max capacity	in	133.9	98.4	98.4	98.4	98.4	98.4	98.4

Full Visibility Triplex (FVT)		FVT 33
Mast/fork carriage tilt, forward	٥	10
Mast/fork carriage tilt, backward	٥	12
h1 - Mast lowered height	in	71.9
h2 - Mast free lift	in	3.2
h3 - Mast lifting height	in	129.9
h4 - Mast extended height	in	158.5
Height at max capacity	in	98.4



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