Technical sheet:

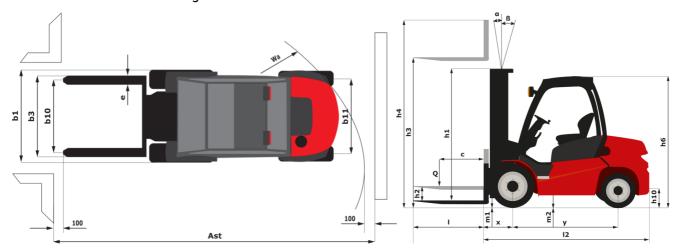
MSI-X 25





Technical chancitatists
Model Name
1.3 Power source Diesel 1.4 Operator type Seated 1.5 Max. capacity Q 2500 kg 1.6 Load center of gravity C 500 mm 1.8 Load distance, cente of drive axie to fork X 621 mm 1.9 Wheelbase Y 1900 mm 1.0 Weight of Secret weight Service weig
1.4 Operator type
1.5 Max. capacity Q 2500 kg 1.6 Lod center of gravity c 500 mm 1.8 Load distance, cente of drive axle to fork x 621 mm 1.9 Wheelbase y 1900 mm Weight Medical of the control of th
1.5 Max. capacity
1.6 Load center of gravity C 500 mm 1.8 Load distance, centre of drive axle to fork X 621 mm 1.9 Wheelbase Y 1990 mm 1.0 Weight Sarrice weig
1.8
1.9 Wheelbase Yelipht Welpht Welpht Welpht Service weight Service weight Service weight Service weight on front axle (laden) / rear axle (laden) Service weight on front axle (Unladen) / rear axle (Unladen) Service weight on front axle (Unladen) / rear axle (Unladen) Service weight on front axle (Unladen) / Rear axle (Unladen) Service weight on front axle (Unladen) / Rear axle (Unladen) Service weight on front axle (Unladen) / Rear axle (Unladen) Service weight on front weight of Service weight on
2.1 Service weight 3875 kg 2.2 Weight on front axile (laden) / rear axile (Unladen) 5510 kg / 865 kg 3. Weight on front axile (Unladen) / rear axile (Unladen) 1533 kg / 2342 kg Wheels 1533 kg / 2342 kg 3.1 Tires type Inflatable 3.2 Dimensions of front wheels 300-15/18 6T R43 3.3 Dimensions of rear wheels 7,00-12/12 ED PLUS 3.5 Number of front wheels / rear wheels 2 / 2 5.5 Number of front wheels / rear wheels 2 / 2 5.5 Number of front wheel gauge b10 1044 mm 3.6 Front wheel gauge b10 1044 mm 3.7 Rear wheel gauge b11 1108 mm 0 Dimensions 8 8 4.7 Height of overhead guard (cabin) h6 2095 mm 4.8 Seat height/stand height h7 972 mm 4.19 Overall length h1 4193 mm 4.20 Length to face of forks 12 3043 mm 4.21 Overall width b1 1330 mm 4.22 Fork carriage liSO 2328 (class/form) A/B 5 / / 4 40 mm x 122 mm x 1150 mm 4.23 Fork carriage liSO 2328 (class/form) A/B b3 120 mm
2.2 Weight on front axle (Iaden) / rear axle (Unladen) 5510 kg / 865 kg 2.3 Weight on front axle (Unladen) / rear axle (Unladen) 1533 kg / 2342 kg Wheels 3.1 Tires type 157 kg / 865 kg 3.1 Tires type 300-15/18 6T R43 3.3 Dimensions of front wheels 300-15/18 6T R43 3.5 Number of front wheels / rear wheels 2 3.5 Number of front wheels / rear wheels 2 3.5 Number of front wheels 2 4.7 Height of overhead guard (cabin) height of acceptable of fork 209 rowspan="2">209 rowspan="2">209 rowspan="2">209 rowspan="2">
Wheels Inflatable 3.1 Tires type Inflatable 3.2 Dimensions of front wheels 300-15/18 6T R43 3.3 Dimensions of rear wheels 7.00-12/12 ED PLUS 3.5 Number of front wheels / rear wheels 2 / 2 5.5.2 Number of drive wheels 2 / 2 3.6 Front wheel gauge b10 1044 mm 3.7 Rear wheel gauge b11 1108 mm 0 Immensions 0 2095 mm 4.7 Height of overhead guard (cabin) h6 2095 mm 4.8 Seat height/stand height h7 972 mm 4.9 Overall length 11 4193 mm 4.19 Overall width 11 4193 mm 4.20 Length to face of forks 12 3043 mm 4.21 Overall width b1 1330 mm 4.22 Fork section / width / length \$ / e / I 40 mm x 122 mm x 1150 mm 4.23 Fork carriage width b3 1260 mm 4.31 Ground clearance below
Tires type
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3.3 Dimensions of rear wheels 7.00-12/12 ED PLUS 3.5 Number of front wheels / rear wheels 2 / 2 5.5 Number of drive wheels 2 3.6 Front wheel gauge b10 1044 mm 3.7 Rear wheel gauge b11 1108 mm 4.7 Height of overhead guard (cabin) h6 2055 mm 4.8 Seat height/stand height h7 972 mm 4.9 Userall length h7 972 mm 4.9 Length to face of forks 12 3043 mm 4.2 Fork section / width / length 5 / e / I 40 mm x 122 mm x 1150 mm 4.2 Fork carriage ISO 2328 (class/form) A/B \$ / e / I 40 mm x 122 mm x 1150 mm 4.2 Fork carriage Width / length b3 1260 mm 4.3 Ground clearance below mast m1 260 mm 4.3 Ground clearance at centre of wheelbase m2 238 mm 4.3 Aiste Width for pallets 1000 x 1200 crossways Ast 4591 mm 5.1 Travel speed (laden / unladen) Wa 2620 mm 5.2 Lifting speed (laden / unladen)
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Dimensions
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4.8 Seat height/stand height h7 972 mm 4.19 Overall length 11 4193 mm 4.20 Length to face of forks 12 3043 mm 4.21 Overall width b1 1330 mm 4.22 Forks section / width / length s / e / l 40 mm x 122 mm x 1150 mm 4.23 Fork carriage ISO 2328 (class/form) A/B 2A 4.24 Fork carriage width b3 1260 mm 4.31 Ground clearance below mast m1 260 mm 4.32 Ground clearance at centre of wheelbase m2 238 mm 4.33 Aisle Width for pallets 1000 x 1200 crossways Ast 4591 mm 4.35 Turning radius Wa 2620 mm Performances 5.1 Travel speed (laden / unladen) 18 km/h-22 km/h 5.2 Lifting speed (laden / unladen) 0.50 m/s-0.50 m/s-0.50 m/s
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1.24 Fork carriage width b3 1260 mm 1.31 Ground clearance below mast m1 260 mm 1.32 Ground clearance at centre of wheelbase m2 238 mm 1.33 Aisle Width for pallets 1000 x 1200 crossways Ast 4591 mm 1.35 Turning radius Wa 2620 mm Performances 5.1 Travel speed (laden / unladen) 18 km/h-22 km/h 5.2 Lifting speed (laden / unladen) 0.50 m/s-0.50 m/s
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5.2 Lifting speed (laden / unladen) 0.50 m/s-0.50 m/s
5.3 Lowering speed (laden / unladen) 0.50 m/s-0.30 m/s
5.5 Drawbar pull (Laden / Unladen) 2010 daN / 1250 daN
5.7 Gradeability (laden / unladen) 33 % / 34 %
5.10 Service brake Hydraulic brakes by loss of pressure
Engine
7.1 Engine brand / model Kubota / V2403
7.2 Engine power according to ISO 1585 36 kW
7.3 Rated speed 2700 rpm
7.4 Number of cylinders / Capacity of cylinders 4 - 2434 cm ³
Miscellaneous
8.1 Type of drive control Cable
8.2 Working hydraulic pressure for attachments 180 bar
8.3 Oil flow rate for attachments 45 I/min
8.4 Measured/guaranteed mean noise level at the ear of the operator < 80 dB
8.4 Sound level at the driver's ear according to DIN 12 053 80 dB

MSI-X 25 - 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	۰	10	10	10	10	10
Mast/fork carriage tilt, backward	۰	12	12	12	12	12
h1 - Mast lowered height	mm	2136	2286	2546	2736	2986
h2 - Mast free lift	mm	85	85	85	85	85
h3 - Mast lifting height	mm	3000	3300	3700	4000	4500
h4 - Mast extended height	mm	3738	4038	4438	4738	5238
Residual capacity at max height	kg	2500	2500			
Height at max capacity	mm	3000	3300	2500	2500	2500

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	۰	12	12	12	12	12	6	6
h1 - Mast lowered height	mm	1936	2036	2136	2286	2386	2736	2986
h2 - Mast free lift	mm	1183	1283	1383	1483	1633	1893	2083
h3 - Mast lifting height	mm	3400	3700	4000	4300	4700	5500	6000
h4 - Mast extended height	mm	4184	4484	4784	5116	5484	6356	6916
Residual capacity at max height	kg	2500	2500	2500	2500	2500		
Height at max capacity	mm	3400	3700	4000	4300	4700	2500	2500

Full Visibility Triplex (FVT)		FVT 33	
Mast/fork carriage tilt, forward	•	10	
Mast/fork carriage tilt, backward	۰	12	
h1 - Mast lowered height	mm	1826	
h2 - Mast free lift	mm	72	
h3 - Mast lifting height	mm	3300	
h4 - Mast extended height	mm	4027	
Height at max capacity	mm	2500	





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