Technical sheet:

MSI-X 30





| | | | MSI-X 30 (| realed on 30 April 2024 at 08.33.50 UT |
|--|------|---|------------|--|
| Manufacturer | | Technical characteristics | | Metric |
| 1.4 | 1.1 | | | Manitou |
| 1.4 | 1.2 | Model Name | | MSI-X 30 |
| 1.4 | | | | |
| Max. capacity C S00 mm Meethase Load distance, centre of drive axile to fork X G82 mm Meethase Y 1990 m | | | | |
| | | | 0 | |
| A | | | | - |
| Neclosin | | | | |
| | | | | |
| | 1.9 | | y | 1900 111111 |
| | 2.1 | | | 4255 kg |
| Neight or front asie (Unladen) / rear asie (Unladen) 1660 kg / 2695 kg | | • | | • |
| Nice | | | | |
| | 2.3 | - , , , , | | 1660 kg / 2695 kg |
| 3.2 Dimensions of front-wheels 300 15/18 6T P43 3.3 Dimensions of rear wheels 7.00 12/12 ED PLUS 3.5 Number of front wheels 2 / 2 3.5 Number of dive wheels 2 / 2 3.6 Front wheel gauge b10 1044 mm 3.7 Bear wheel gauge b11 1108 mm 4.8 Seat helghty sand height h7 972 mm 4.8 Seat helghty sand height h7 972 mm 4.9 Length to face of forks 12 3084 mm 4.21 Overall width b1 3330 mm 4.22 Fok section / width / length s / e / l 45 mm x 122 mm x 1150 mm 4.23 Fok section / width / length s / e / l 45 mm x 122 mm x 1150 mm 4.24 Fok carriage width s 3 120 mm 4.31 Ground clearance below mast m2 238 mm 4.32 Fok carriage width s 3 120 mm 4.33 Askie which frapalise 1000 x 1200 crossways A 5 120 km/h-22 km/h 5. | | | | |
| 3.3 Dimensions of mar wheels 7.00-12/12 ED PLUS 3.5 Number of front wheels / rear wheels 2 / 2 3.6 Front wheel gauge b10 1044 mm 3.7 Rear wheel gauge b10 1044 mm 3.7 Part wheel gauge b10 110 mm Olimensions 4.7 Height of overhead quard (cabin) h6 2095 mm 4.8 Sea height/stand height h7 9.72 mm 4.9 Overall length h1 422 mm 4.20 Length of see of forks 12 3084 mm 4.21 Overall width / length s / e / l 45 mm x 122 mm x 1150 mm 4.22 Fook section / width / length s / e / l 45 mm x 122 mm x 1150 mm 4.22 Fook carriage ISO 3232 (class/from) A/B s / e / l 45 mm x 122 mm x 1150 mm 4.23 Fook carriage ISO 3232 (class/from) A/B b3 125 mm 4.31 Ground clearance below mat m2 238 mm 4.32 Ground clearance act entire of wheelbase m2 25 mm <td></td> <td></td> <td></td> <td></td> | | | | |
| 3.5.2 Number of front wheels / rear wheels 2 / 2 3.5.2 Number of drive wheels 2 3.6 Front wheel gauge b10 1044 mm 3.7 Bear wheel gauge b11 1108 mm 4.7 Height of ownhead guard (cabin) h6 2095 mm 4.8 Sea height/stand height h7 9.72 mm 4.19 Owerall length 11 4234 mm 4.20 Length of face of forks 12 3064 mm 4.21 Owerall width b1 1330 mm 4.22 Fork section / width / length 5 / e/1 45 mm x 120 mm 4.23 Fork carriage iSO 2328 (class/form) A/B 5 / e/1 45 mm x 120 mm 4.24 Fork carriage width b3 1260 mm 4.24 Fork carriage width b3 1260 mm 4.23 Ground clearance below mast m1 260 mm 4.24 Fork carriage width b3 1260 mm 4.23 Truining adults Fork carriage width 6 0.50 mm s 100 mm <td></td> <td></td> <td></td> <td></td> | | | | |
| 3.5.2 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 2095 mm 4.8 Seat height/stand height h7 972 mm 4.9 Overall length l1 4234 mm 4.20 Length to face of forks l2 3084 mm 4.21 Overall width b1 1330 mm 4.21 Forks section / width / length 5 / 1 45 mm x 122 mm x 1150 mm 4.22 Fork cariage StD 3238 (class/form) A/B 5 / 1 45 mm x 122 mm x 1150 mm 4.23 Fork cariage StD 3238 (class/form) A/B m1 260 mm 4.24 Fork cariage StD 3238 (class/form) A/B m2 233 mm 4.24 Fork cariage StD 3238 (class/form) A/B m1 260 mm 4.24 Fork cariage StD 3238 (class/form) A/B m2 233 mm 4.24 Fork cariage StD 3238 (class/form) A/B m2 250 mm 4.31 Ground clearance | | | | |
| 3.6 Front wheel gauge b10 1044 mm 3.7 Rear wheel gauge b11 1108 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 4234 mm 4.20 Length to face of focks 12 3084 mm 4.21 Overall width b1 1330 mm 4.22 Fork saction / width / length s / e/1 45 mm x 122 mm x 1150 mm 4.23 Fork carriage lSO 2328 (class/form) A/B b3 1260 mm 4.24 Fork carriage width m1 260 mm 4.24 Fork carriage width m1 260 mm 4.24 Fork carriage width m1 260 mm 4.31 Ground clearance at centre of wheelbase m2 238 mm 4.32 Forund reach width for pallets 1000 x 1200 crosswys Ast 4626 mm 4.33 Aisle Width for pallets 1000 x 1200 crosswys Ast 4626 mm 5.1 Travel speed (laden / uniade | | | | |
| Rear wheel gauge | | Number of drive wheels | | |
| | 3.6 | Front wheel gauge | | |
| 4.7 Height of overhead guard (cabin) h6 2095 mm 4.8 Seat height (stand height) h7 972 mm 4.9 Overall length ii 4224 mm 4.20 Length to face of forks i2 3084 mm 4.21 Overall width b1 1330 mm 4.22 Fok section / width / length s / e / l 45 mm x 1150 mm 4.23 Fok carriage StO 2238 (class/form) A/B 3A 32 4.24 Fok carriage width b3 1260 mm 4.23 Ground clearance at centre of wheelbase m2 238 mm 4.31 Ground clearance at centre of wheelbase m2 238 mm 4.32 Ground clearance at centre of wheelbase m2 238 mm 4.33 A lise Width for pallets 1000 x 1200 crossways Ast 4626 mm 4.35 Tuming radius m2 238 mm 5.1 Tavel speed ((aden / unladen) m2 18 km/h-22 km/h 5.2 Lifting speed ((aden / unladen) m2 0.50 m/s-0.50 m/s 5.7 | 3.7 | Rear wheel gauge | b11 | 1108 mm |
| 4.8 Seat height/stand height h7 972 mm 4.19 Overall length 11 4234 mm 4.20 Length to face of forks 12 3084 mm 4.21 Overall width b1 1330 mm 4.22 Fork section / width / length \$ /e /1 45 mm x 122 mm x 1150 mm 4.23 Fork carriage ISO 2238 (class/form) A/B b3 11260 mm 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 Alst Width for pallest 1000 x 1200 crossways Ast 4626 mm 4.33 Alse Width for pallest 1000 x 1200 crossways Ast 4626 mm 4.33 Turning radius WB 2650 mm Performances WB 2650 mm 5.1 Travel speed (laden / unladen) \$ 0.50 m/s 0.50 m/s 5.2 Lifting speed (laden / unladen) \$ 0.50 m/s 0.30 m/s 5.5 Drawbar pull (Laden / Unladen) \$ 0.50 m/s | | Dimensions | | |
| 4.19 Overall length I1 4234 mm 4.20 Length to face of foks I2 3084 mm 4.21 Overall width b1 1330 mm 4.22 Fork section / width / length s / e / l 45 mm x 122 mm x 1150 mm 4.23 Fork carriage width m2 3A 4.24 Fork carriage width m1 260 mm 4.31 Ground clearance below mast m1 260 mm 4.32 Alsle Width for pallets 1000 x 1200 crossways Ast 4626 mm 4.33 Alsle Width for pallets 1000 x 1200 crossways Ast 4626 mm 4.35 Tuming radius Wa 2650 mm 5.1 Travel speed (laden / unladen) Wa 2650 mm 5.2 Lifting speed (laden / unladen) 0.50 m/s 0.50 m/s 0.50 m/s 0.50 m/s 5.3 Lowering speed (laden / unladen) 0.50 m/s 0.30 m/s 0.50 m/s 0.50 m/s 5.7 Gradeability (laden / unladen) 40.50 mm 1.00 m/s 0.30 m/s 5.7 Gradeability (laden / unladen) 8.00 m/s 0.00 m/s 0.00 m/s 1.00 | 4.7 | Height of overhead guard (cabin) | h6 | 2095 mm |
| 4.20 Length to face of forks 12 3084 mm 4.21 Overall width b1 1330 mm 4.22 Forks section / width / length s / e / l 45 mm x 122 mm x 1150 mm 4.23 Fork camiage ISO 2328 (class/form) A/B 3A 4.24 Fork camiage width b3 1260 mm 4.31 Ground clearance below mast m1 260 mm 4.32 Ground clearance at center of wheelbase m2 238 mm 4.33 Alsie Width for pallets 1000 x 1200 crossways Ast 4626 mm 4.35 Tuming addius Wa 2550 mm 5.1 Travel speed (laden / unladen) Wa 2550 mm 5.2 Lifting speed (laden / unladen) 0.50 m/s-0.50 m/s 0.50 m/s-0.50 m/s 5.3 Lowering speed (laden / unladen) 2140 dah / 1340 dah 0.50 m/s-0.30 m/s 5.7 Gradeability (laden / unladen) 2140 dah / 1340 dah 1.00 m/s 5.7 Gradeability (laden / unladen) Kubda / Vada 1.00 m/s 5.7 Gradeability (laden / unladen) Kubda / Vada | 4.8 | Seat height/stand height | h7 | 972 mm |
| 4.21 Overall width b1 1 330 mm 4.22 Forks section / width / length s / e / l 45 mm x 122 mm x 1150 mm 4.23 Fork carriage width b3 1260 mm 4.24 Fork carriage width b3 1260 mm 4.31 Ground clearance at centre of wheelbase m2 238 mm 4.32 Asile Width for pallets 1000 x 1200 crossways Ast 4666 mm 4.33 Aisle Width for pallets 1000 x 1200 crossways Ast 4626 mm 4.35 Turning radius Na 2550 mm 5.1 Tavel speed (laden / unladen) Na 2550 mm 5.1 Tay speed (laden / unladen) 0.50 m/s -0.50 m/s -0.50 m/s 1 5.2 Lifting speed (laden / unladen) 21 0 0 50 m/s -0.50 m/s 2 5.3 Drawbar pull (Laden / Unladen) 21 0 0 50 m/s -0.50 m/s 3 5.5 Drawbar pull (Laden / Unladen) 21 0 0 50 m/s -0.50 m/s 4 5.1 Engine brand / model Kubota / Vatoa 4 7.2 Engine brand / model Kubota / Vatoa | 4.19 | Overall length | l1 | 4234 mm |
| 4.22 Forks section / width / length s / e / l 45 mm x 122 mm x 1150 mm 4.23 Fork carriage width b3 1260 mm 4.24 Fork carriage width m1 260 mm 4.31 Ground clearance below mest 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 4626 mm 4.35 Tuming radius 8 2650 mm 8.15 Performances 8 2 5.1 Travel speed (laden / unladen) 0.50 m/s - 0.50 m/s 0.50 m/s - 0.50 m/s 5.2 Lifting speed (laden / unladen) 0.50 m/s - 0.50 m/s - 0.50 m/s 0.50 m/s - 0.50 m/s - 0.50 m/s 5.3 Lowering speed (laden / unladen) 0.50 m/s - 0.50 m/s - 0.50 m/s 0.50 m/s - 0.50 m/s - 0.50 m/s 5.5 Drawbar pull (Laden / Unladen) 9.05 m/s - 0.50 m/s - 0.50 m/s 0.50 m/s - 0.50 m/s - 0.50 m/s 5.1 Gradeability (laden / unladen) 9.05 m/s - 0.50 m/s - 0.50 m/s 0.50 m/s - 0.50 m/s - 0.50 m/s 5.1 Gradeability (laden / unladen) 9.0 | 4.20 | Length to face of forks | 12 | 3084 mm |
| 4.23 Fork carriage ISO 2328 (class/form) A/B 3A 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 4626 mm 4.35 Tuming radius Wa 2650 mm Performances 5.1 Travel speed (laden / unladen) 0.50 m/s - 0.50 m/s - 0.50 m/s 5.2 Lifting speed (laden / unladen) 0.50 m/s - 0.50 m/s - 0.50 m/s 5.3 Lowering speed (laden / unladen) 0.50 m/s - 0.30 m/s 5.3 Lowering speed (laden / unladen) 2140 dah / 1340 daN 5.7 Gradeability (laden / unladen) 30 % / 32 % 5.7 Gradeability (laden / unladen) 4 hydrallic brakes by loss of pressure 5.7 Gradeability (laden / unladen) 8 hydrallic brakes by loss of pressure 7.1 Engine brand / model 8 kubota / V2403 7.2 Engine brand / model 8 kubota / V2403 7.2 Engin | 4.21 | Overall width | b1 | 1330 mm |
| 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 Alsiek Width for pallets 1000 x 1200 crossways Ast 4626 mm 4.35 Tuming radius Wa 2650 mm Performances 5.1 Travel speed (laden / unladen) Usen in speed (laden / unladen) 0.50 m/s-0.50 m/s 5.2 Lifting speed (laden / unladen) 0.50 m/s-0.30 m/s 5.3 Lowering speed (laden / unladen) 2140 daN / 1340 daN 5.7 Gradeability (laden / unladen) 2140 daN / 1340 daN 5.7 Service brake Hydraulic brakes by loss of pressure Engine Engine brand / model Kubota / V2403 7.2 Engine power according to ISO 1585 36 kW 7.3 Rated speed 36 kW 7.3 Rated speed 2700 rpm 7.4 Number of cylinders / Capacity of cylinders 4 - 2434 cm³ 8.1 Working hydrauli | 4.22 | Forks section / width / length | s / e / l | 45 mm x 122 mm x 1150 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 4626 mm 4.35 Turning radius Wa 2650 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 5.3 Lowering speed (laden / unladen) 0.50 m/s-0.30 m/s 5.5 Drawbar pull (Laden / unladen) 2140 dan / 1340 dan 5.7 Gradeability (laden / unladen) 230 % / 32 % 5.10 Service brake Hydraulic brakes by loss of pressure 5.10 Service brake Hydraulic brakes by loss of pressure 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 cm³ 8.1 Type of drive control Cable 8.2< | 4.23 | Fork carriage ISO 2328 (class/form) A/B | | 3A |
| 4.32 Ground clearance at centre of wheelbase m2 2.38 mm 4.33 A isle Width for pallets 1000 x 1200 crossways Ast 4.626 mm 4.35 Turning adius Wa 2650 mm Performances 5.1 Travel speed (laden / unladen) 18 km/h-22 km/h 5.2 Liffing speed (laden / unladen) 0.50 m/s-0.50 m/s 5.3 Lowering speed (laden / unladen) 2140 daN / 1340 daN 5.5 Drawbar pull (Laden / Unladen) 2140 daN / 1340 daN 5.7 Gradeability (laden / unladen) 30 % / 32 % 5.10 Service brake Hydraulic brakes by loss of pressure 6.1 Engine Kubbata / V2403 7.2 Engine power according to ISO 1585 36 kW 7.3 Rated speed Kubbata / V2403 7.4 Number of cylinders / Capacity of cylinders 4 - 2434 cm³ 7.4 Number of cylinders / Capacity of cylinders 4 - 2434 cm³ 8.1 Type of drive control Cable 8.2 Working hydraulic pressure for attachments 180 bar 8.3 Oil flow rate for attachments 4 5 l/min | 4.24 | Fork carriage width | b3 | 1260 mm |
| 4.33 Aisle Width for pallets 1000 x 1200 crossways Ast 4626 mm 4.35 Tuming radius Wa 2650 mm Ferformances 5.1 Travel speed (laden / unladen) Is km/h-22 km/h 5.2 Lifting speed (laden / unladen) 0.50 m/s -0.50 m/s 5.3 Lowering speed (laden / unladen) 2140 daN / 1340 daN 5.5 Drawbar pull (Laden / Unladen) 2140 daN / 1340 daN 5.7 Gradeability (laden / unladen) 4 Hydraulic brakes by loss of pressure Engine Engine 6 Fingine 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 36 kW 8.1 Type of drive control Cable 8.2 Working hydraulic pressure for attachments 180 bar 8.3 Oil flow rate for attachments 45 l/min 8.4 Measured/guaranteed mean noise level at the ear of the operator | 4.31 | Ground clearance below mast | m1 | 260 mm |
| 4.33 Aisle Width for pallets 1000 x 1200 crossways Ast 4626 mm 4.35 Tuming radius Wa 2650 mm Ferformances 5.1 Travel speed (laden / unladen) Is km/h-22 km/h 5.2 Lifting speed (laden / unladen) 0.50 m/s -0.50 m/s 5.3 Lowering speed (laden / unladen) 2140 daN / 1340 daN 5.5 Drawbar pull (Laden / Unladen) 2140 daN / 1340 daN 5.7 Gradeability (laden / unladen) 4 Hydraulic brakes by loss of pressure Engine Engine 6 Fingine 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 36 kW 8.1 Type of drive control Cable 8.2 Working hydraulic pressure for attachments 180 bar 8.3 Oil flow rate for attachments 45 l/min 8.4 Measured/guaranteed mean noise level at the ear of the operator | 4.32 | Ground clearance at centre of wheelbase | m2 | 238 mm |
| Tuming radius Wa 2650 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 5.3 Lowering speed (laden / unladen) 2140 da/ N 1340 da/N 5.5 Drawbar pull (Laden / Unladen) 2140 da/ N 1340 da/N 5.7 Gradeability (laden / unladen) 30 % / 32 % 5.10 Service brake Hydraulic brakes by loss of pressure 5.10 Service brake Hydraulic brakes by loss of pressure 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 cm³ 8.1 Type of drive control Cable 8.2 Working hydraulic pressure for attachments 180 bar 8.3 Oil flow rate for attachments 45 1/min 8.4 Measured/guaranteed mean noise level at the ear of the operator < 80 dB | | | Ast | 4626 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 5.3 Lowering speed (laden / unladen) 2.140 daN / 1340 daN 5.5 Drawbar pull (Laden / Unladen) 2140 daN / 1340 daN 5.7 Gradeability (laden / unladen) 30 % / 32 % 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 cm³ Miscellaneous 4 - 2434 cm³ 8.1 Type of drive control Cable 8.2 Working hydraulic pressure for attachments 180 bar 8.3 Oil flow rate for attachments 45 l/min 8.4 Measured/guaranteed mean noise level at the ear of the operator < 80 dB | | | Wa | 2650 mm |
| 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 5.3 Lowering speed (laden / Unladen) 0.50 m/s-0.30 m/s 5.5 Drawbar pull (Laden / Unladen) 2140 daN / 1340 daN 5.7 Gradeability (laden / unladen) 30 % / 32 % 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 cm³ 8.1 Type of drive control Cable 8.2 Working hydraulic pressure for attachments 180 bar 8.3 Oil flow rate for attachments 45 l/min 8.4 Measured/guaranteed mean noise level at the ear of the operator < 80 dB | | • | | |
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| 5.3 Lowering speed (laden / unladen) 0.50 m/s-0.30 m/s 5.5 Drawbar pull (Laden / Unladen) 2140 daN / 1340 daN 5.7 Gradeability (laden / unladen) 30 % / 32 % 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 cm³ 8.1 Type of drive control Cable 8.2 Working hydraulic pressure for attachments 180 bar 8.3 Oil flow rate for attachments 45 l/min 8.4 Measured/guaranteed mean noise level at the ear of the operator < 80 dB | | | | |
| 5.5 Drawbar pull (Laden / Unladen) 2140 daN / 1340 daN 5.7 Gradeability (laden / unladen) 30 % / 32 % 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 cm³ 8.1 Type of drive control Cable 8.2 Working hydraulic pressure for attachments 180 bar 8.3 Oil flow rate for attachments 45 l/min 8.4 Measured/guaranteed mean noise level at the ear of the operator < 80 dB | | - ' ' | | |
| 5.7 Gradeability (laden / unladen) 30 % / 32 % 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 cm³ 8.1 Type of drive control Cable 8.2 Working hydraulic pressure for attachments 180 bar 8.3 Oil flow rate for attachments 45 l/min 8.4 Measured/guaranteed mean noise level at the ear of the operator < 80 dB | | | | |
| 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 cm³ 8.1 Type of drive control Cable 8.2 Working hydraulic pressure for attachments 180 bar 8.3 Oil flow rate for attachments 45 l/min 8.4 Measured/guaranteed mean noise level at the ear of the operator < 80 dB | | | | |
| Engine Kubota / V2403 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 cm³ Miscellaneous Cable 8.1 Type of drive control Cable 8.2 Working hydraulic pressure for attachments 180 bar 8.3 Oil flow rate for attachments 45 l/min 8.4 Measured/guaranteed mean noise level at the ear of the operator < 80 dB | | | | |
| 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 cm³ 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 l/min 8.4 Measured/guaranteed mean noise level at the ear of the operator < 80 dB | 3.10 | | | Tryulaulic blakes by loss of plessure |
| 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 cm³ 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 l/min 8.4 Measured/guaranteed mean noise level at the ear of the operator < 80 dB | 7.1 | | | Kuhota / \/2402 |
| 7.3 Rated speed 2700 rpm 7.4 Number of cylinders / Capacity of cylinders 4 - 2434 cm³ 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 l/min 8.4 Measured/guaranteed mean noise level at the ear of the operator < 80 dB | | • | | |
| 7.4 Number of cylinders / Capacity of cylinders 4 - 2434 cm³ 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 l/min 8.4 Measured/guaranteed mean noise level at the ear of the operator < 80 dB | | | | |
| 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 l/min 8.4 Measured/guaranteed mean noise level at the ear of the operator < 80 dB | | • | | · |
| 8.1Type of drive controlCable8.2Working hydraulic pressure for attachments180 bar8.3Oil flow rate for attachments45 l/min8.4Measured/guaranteed mean noise level at the ear of the operator< 80 dB | 7.4 | | | 4 - 2434 CM* |
| 8.2 Working hydraulic pressure for attachments 180 bar 8.3 Oil flow rate for attachments 45 l/min 8.4 Measured/guaranteed mean noise level at the ear of the operator < 80 dB | 0.1 | | | 0.41 |
| 8.3 Oil flow rate for attachments 45 1/min 8.4 Measured/guaranteed mean noise level at the ear of the operator < 80 dB | | • | | |
| 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 | | · | | |
| Source for a care describing to that a control of the control of t | 8.4 | Sound level at the driver's ear according to DIN 12 053 | | 80 dB |

MSI-X 30 - 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 ° | | 10 | 10 | 10 | 10 | 10 |
| Mast/fork carriage tilt, backward ° | | 12 | 12 | 12 | 12 | 12 |
| h1 - Mast lowered height | mm | 2136 | 2286 | 2546 | 2736 | 2986 |
| h2 - Mast free lift | mm | 90 | 90 | 90 | 90 | 90 |
| 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 | 3000 | 3000 | | | |
| Height at max capacity | | 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 | 1208 | 1308 | 1408 | 1558 | 1658 | 2008 | 2258 |
| h3 - Mast lifting height | mm | 3400 | 3700 | 4000 | 4300 | 4700 | 5500 | 6000 |
| h4 - Mast extended height | mm | 4184 | 4484 | 4784 | 5084 | 5484 | 6284 | 6784 |
| Residual capacity at max height | kg | 3000 | | | | | | |
| Height at max capacity | mm | 3400 | 2500 | 2500 | 2500 | 2500 | 2500 | 2500 |

| Full Visibility Triplex (FVT) | | FVT 33 |
|-------------------------------|----|--------|
| h1 - Mast lowered height | mm | 1826 |
| h2 - Mast free lift | mm | 77 |
| h3 - Mast lifting height | mm | 3300 |
| h4 - Mast extended height | mm | 4027 |
| Height at max capacity | mm | 2500 |





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