



MSI 30

MSI SERIES SEMI-INDUSTRIAL vertical masted forklift



MAST SELECTIONS & CAPACITIES

(Based on 24 in. Load Center)

OHL = Overall Height Lowered

MFH = Maximum Fork Height

FFH = Free Fork Height

MFH		Capacity	MFH		Capacity
			6,000 lbs.		
			158"	185"	Model 800493 Model 800494
6,000 lbs.	130"	Model 800509			
OHL	90.7"		OHL	84.6"	94.6"
MFH	130"		MFH	158"	185"
FFH	0"		FFH	55"	64"

2-Stage Mast
(with no attachments)

3-Stage Full Free Lift Mast
(with no attachments)

STANDARD & OPTIONAL FEATURES

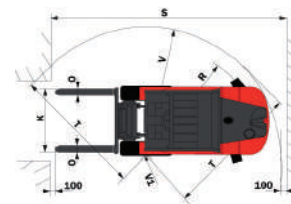
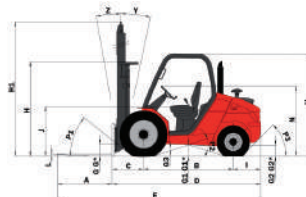
Hydrostatic Transmission	●
Power Assisted Steering	●
Electric Forward/Reverse Shift	●
Sideshift	○
10° Forward / 12° Back Tilt	●
Heavy-duty Steer Axle w/ Integral Cylinder	●
Electro-Hydraulic Parking Brake	●
Fully Enclosed Cab	○
Noise Reduction	●
Electrically Hoisted Cab	●
Adjustable Seat w/ Hydraulic Shock Absorber	●
Automatic Acceleration System for Lifting	●
Single Joystick Combines Up/Down/Tilt	●
Worklights	○

● Standard ○ Optional

DIMENSION REFERENCE DIAGRAMS

A	48" (1219)	K	49.6" (1260)
B	70.9" (1800)	L	1.8" (45)
C	24.8" (630)	N	57.1" (1450)
D	117" (2980)	O	3.9" (100)
E	161" (4080)	P1	49.5°
F	41.2" (1046)	P2	40.5°
F1	43.4" (1102)	P3	40°
G	10.6" (270)	R	90.9" (2310)
G*	9.4" (240)	S	180" (4560)
G1/G1*	10.2" (260)	T	97.8" (2485)
G2	8.5" (215)	U	82.9" (2105)
G2*	9.1" (230)	V	104" (2635)
G3	10.6" (270)	V1	5.9" (150)
H	90.6" (2300)	W	52.1" (1323)
H1	165" (4193)	Y	12°
I	21.7" (550)	Z	10°
J	40.4" (1025)		(mm)

* - Loaded



MSI 30 VERTICAL MASTED FORKLIFT SPECIFICATIONS

MSI 30		
LIFTING CAPACITIES	Lift Capacity - 24" Load Center (kg)	6,000 lbs. (2722)
	Maximum Lift Height with Standard Mast (m)	15'5" (4699)
	Capacity at Max. Lift Height (kg)	6,000 lbs. (2722)
ENGINE	Manufacturer	Kubota Turbo Diesel
	Model	V2403-M-T-E3B
	Power (kW)	59 hp (44) @ 2700 rpm
	Displacement	4 cyl. 149 cu.in. (2242)
	Aspiration	Turbocharged
HYDRAULICS	Torque (Nm)	122 ft.-lbs. (165) @ 1600 rpm
	Pump Type	Gear with Flow Divider
TRANSMISSION	Hydraulic Reservoir Capacity (L)	25 gal. (95)
	Transmission Type	Hydrostatic
COMPONENTS	Reversing Shift	Electromagnetic
	Maximum Travel Speed (km/hr)	13 mph (21)
	Number of Gears - Forward/Reverse	1 / 1
	Tires - Drive/Steer	14 x 17.5 / 7.00 x 12
SERVICE CAPACITIES	Brakes - Service/Parking	Hydraulic / Electro-Hydraulic
	Fork Length	48" (1219)
	Fork Thickness/Width	1.75" / 5" (44/127)
GENERAL SPECIFICATIONS	Cooling System	2.6 gal. (9.8)
	Engine Oil	2.5 qt. (2.4)
	Hydraulic Oil	25 gal. (95)
	Fuel Tank	19.5 gal. (73.8)
GENERAL SPECIFICATIONS	Aprx. Weight w/o Mast and Forks (kg)	7,923 lbs. (3594)
	Overall Width (mm)	59" (1499)
	Overall Height to Overhead Guard (mm)	83" (2108)
	Turning Radius Outside Wheels (mm)	96" (2438)
	Overall Length with Forks (mm)	117" (2972)
	Ground Clearance (mm)	9" (229)
	Draw Bar Pull (kN)	5,512 lbf. (24.5)

This publication in no way constitutes an offer and the company reserves the right to alter specifications without notice.



MANITOU AMERICAS, INC. • PO Box 179 • West Bend, WI 53095

Tel: 262-334-9461 • Fax: 262-338-7517 • www.manitou.com

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