

Master Craft

MC/M Series

10,000 & 12,000 lbs. capacity
Rough Terrain Forklifts

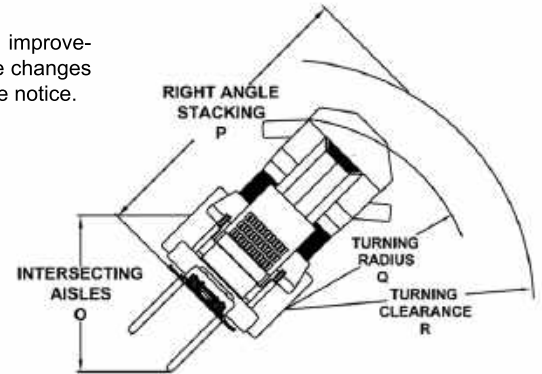
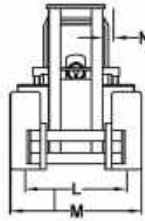
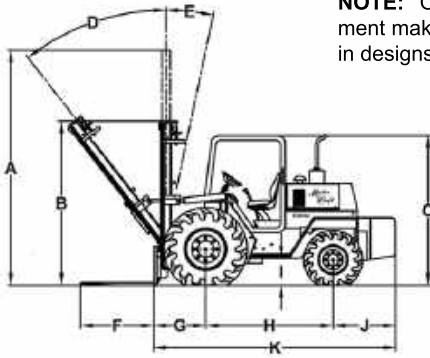


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www.mastercraftforklifts.com



Lifting the World to New Heights

NOTE: Our policy of continual engineering research and improvement makes it necessary that we reserve the right to make changes in designs, specifications and components without advance notice.



CAPACITY :		10,000 @ 24" L.C.		12,000 @ 24" L.C.	
		with 2 Rail 12' Mast	with 3 Rail 21' Mast	with 2 Rail 12' Mast	with 3 Rail 21' Mast
OPERATIONAL DATA: (APPROXIMATE)					
A	Overall height mast extended	180	292	180	292
B	Overall height mast collapsed	108	124	108	124
C	Overall Height Top of Overhead Guard	99	99	99	99
D	Forward Tilt (Standard/Extended)	15°	15°	15°	15°
E	Rearward Tilt (Standard/Extended)	12°	12°	12°	12°
F	Length of Forks	48	48	48	48
G	C / L drive axle to face of forks	37	38	37	38
H	Wheelbase	88	88	88	88
I	Under Clearance: Mast	11	11	11	11
	Drive Axle	12	12	12	12
	Steer Axle	11	11	11	11
J	Counterweight Overhang	36	36	41	41
K	Overall Length to Face of Forks	166	167	166	167
L	Tread Width (500/70R24 drive tires)	67	67	67	67
M	Overall Width (500/70R24 drive tires)	86	86	86	86
N	Side Shift (Total)	6	6	6	6
O	Intersecting Aisles	142	142	142	142
P	Right Angle Stacking with brake	179	179	184	184
	without brake	181	181	186	186
Q	Turning Radius with brake	137	137	137	137
	without brake	169	169	169	169
R	Turning Clearance with brake	142	142	147	147
	without brake	144	144	149	149
	Weight*	16,760	18,900	17,660	19,710

* Weights are approximate and include the mast, counterweight and standard 2" x 6" x 48" forks. Weights may vary depending on exact options ordered.

ENGINE SPECIFICATIONS

Model	John Deere Tier IV
No. of Cylinders	4 In-line
Displacement	4.5L (275 cu. in.)
HP - max gross	74 @ 2400 RPM
Max Peak Torque	224 lbs. ft @ 1600 RPM
Bore & Stroke	4.19 in x 5.00 in
Electrical	12 Volt, 680 Cold Cranking Amps @ 0 Deg. F 12 Volt, 75 Amp Standard Heavy Duty High Torque Starter Automotive Style Fuses
Cooling System	Thermostat / Anti-Freeze 5.4 gal. 19.5 in 9 Blade Fan
Fuel Tank	19 US Gallons
Fuel Filter	Dual / Paper Element / Water Separator / Tank Strainer
Oil Filter	Full Flow 1 Qt. Capacity
Air Cleaner	Dry Type (2-Stage)
Exhaust System	Vertical Muffler & Tailpipe

General Specifications:

- ITL SS620 Transmission
- Foot operated, hydraulic actuated wet disc brake sealed in oil (246 in² total braking area). Brakes operate individually or simultaneously. The park brake is lever operated with a disc-type caliper.
- 19.5L x 24 10PR Industrial Lug drive tires (R4) and 11L x 16.8PR Laborer Tread steer tires for 2WD Machine.
- 19.5L x 24 10PR Industrial Lug drive tires (R4) and 12.5/80 x 18 Aggressive Tread tires for 4WD Machine.
- Heavy duty drive axle consists of double reduction matched pinion and bevel gear with inboard planetary gear with final reduction.
- Hydrostatic power steering with 2 double acting steer cylinders on 2WD machines with Master Craft Steer Axle featuring 2" king pins and 3" spindles.
- Center Mounted four-wheel drive steer axle with 1 double acting steer cylinder.
- Push button four-wheel drive engagement.
- Spring loaded, pedal operated differential lock.
- Mast side shift - shifts entire mast, carriage, forks and load 3 inches in either direction.
- Hydraulics - 30.5 GPM Capacity @ 2200 PSI @ 2200 RPM produced by a 2-stage pump, 3-spool valve, pre-set relief valve, 2 mast cylinders, 2 mast tilt cylinders and 1 mast side shift cylinder.
- Forklift meets or exceeds ANSI B56.6-1998 design criteria.
- Industrial Type seat adjustable forward and rearward with seatbelt.
- Instrumentation - water temperature gauge, oil pressure gauge, fuel level gauge, volt meter, hour meter, air restriction light and park brake warning light (Optional warning lights include oil pressure, water temperature and hydraulic oil restrictor)
- Back-up alarm standard on all forklifts.

