

Master Craft

MC Series

**5,000 - 8,000 lbs. capacity
Rough Terrain Forklifts**

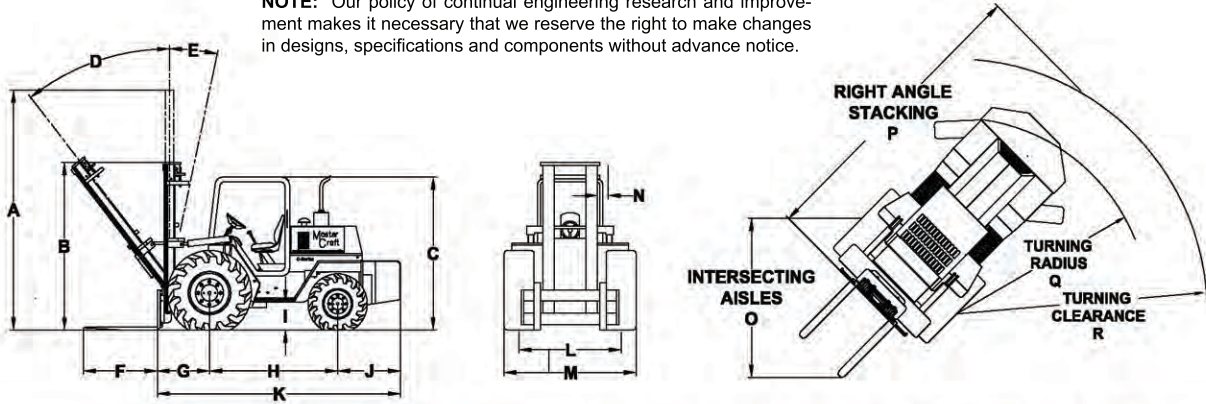


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www.mastercraftforklifts.com



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		5,000/6,000 @ 24" L.C.		8,000 @ 24" L.C.		
OPERATIONAL DATA: (APPROXIMATE)		with 2 Rail 12' Mast	with 3 Rail 21' Mast	with 2 Rail 12' Mast	with 3 Rail 21' Mast	
A	Overall height mast extended	180	291	181	292	
B	Overall height mast collapsed	108	123	109	124	
C	Overall Height Top of Overhead Guard	98	98	98	98	
D	Forward Tilt (In Degrees)	38 Deg	38 Deg	38 Deg	38 Deg	
E	Rearward Tilt (In Degrees)	9 Deg	9 Deg	9 Deg	9 Deg	
F	Length of Forks	48	48	48	48	
G	C / L drive axle to face of forks	33	33	33	34	
H	Wheelbase	84	84	84	84	
I	Under Clearance: Mast	12	12	12	12	
	Drive Axle	15.75	15.75	15.75	15.75	
	Steer Axle	11	11	11	11	
J	Counterweight Overhang	38	38	43	43	
K	Overall Length to Face of Forks	156	157	160	161	
L	Tread Width (19.5L x 24 drive tires)	66.5	66.5	66.5	66.5	
M	Overall Width (19.5L x 24 drive tires)	87	87	87	87	
N	Side Shift (Total)	6	6	6	6	
O	Intersecting Aisles	135	136	136	137	
P	Right Angle Stacking	with brake	186	188	193	195
		without brake	137	137	137	137
Q	Turning Radius:	with brake	137	137	137	137
		without brake	169	169	169	169
R	Turning Clearance	with brake	145	145	147	147
		without brake	177	177	179	179
Weight*		13,405/13,889	14,953/15,237	16,050	17,467	

* Weights are approximate and include the mast, counterweight and standard 2" x 4" 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.

