



CAPACITY		6,000 @ 24" L.C.		8,000 @ 24" L.C.		10,000 @ 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	with 2 Rail 12' Mast	with 3 Rail 21' Mast
A	Overall height mast extended	180	291	181	292	181	292
B	Overall height mast collapsed	108	123	109	124	109	124
C	Overall Height Top of Overhead Guard	98	98	98	98	98	98
D	Forward Tilt (In Degrees)	38	38	38	38	38	38
E	Rearward Tilt (In Degrees)	9	9	9	9	9	9
F	Length of Forks	48	48	48	48	48	48
G	C / L drive axle to face of forks	32	33	33	34	33	34
H	Wheelbase	84	84	84	84	84	84
I	Under Clearance: Mast	12	12	12	12	12	12
	Drive Axle	15.75	15.75	15.75	15.75	15.75	15.75
	Steer Axle	11	11	11	11	11	11
J	Counterweight Overhang	38	38	43	43	43	43
K	Overall Length to Face of Forks	154	155	160	161	160	161
L	Tread Width (19.5L x 24 drive tires)	66.5	66.5	66.5	66.5	66.5	66.5
M	Overall Width (19.5L x 24 drive tires)	87	87	87	87	87	87
N	Side Shift (Total)	6	6	6	6	6	6
O	Intersecting Aisles	135	136	136	137	136	137
P	Right Angle Stacking: with brake	186	188	193	195	193	195
Q	Turning Radius: with brake	137	137	137	137	137	137
	without brake	169	169	169	169	169	169
R	Turning Clearance: with brake	145	146	147	147	147	147
	without brake	177	177	179	179	179	179
	Weight (2 W/D with mast counterweight & forks)	13890	15240	16050	17470	16840	18290

GENERAL SPECIFICATIONS

Master Craft Powershuttle and 4 SPD Powershift Units

General Specifications:

- Perkins 1104C-44 Series, 269 CID 4 Cylinder Diesel Engine (both units)
- Transmission is 4-spd synchromesh in all gears w/ single-stage 2.63:1stall ratio torque converter. Electric power shuttle forward/reverseshifter that provides direction changes through power hydraulic clutches.
- Optional 4-speed powershift w/ autoshift control. Thumb-operated power disconnect allows for on-the-go shifting and full engine RPM for faster cycle times.
- Mechanically actuated differential lock
- Heavy-duty drive axle consists of double reduction matched pinion, spiral bevel ring gear with inboard planetary gear and final reduction
- Foot operated, hydraulically actuated wet disc brake sealed in oil. Brakes operate individually or simultaneously. Park brake is lever operated, manually applied. Foot operated brake pedals can be interlocked for roading.
- 19.5L x 24 Industrial lug drive tires (R4) and 12-16.5 aggressive lug steer tires on 2 WD Machines. 5,000 lb capacity 2WD has 11L X 16 10PR laborer tread.
- 19.5L x 24 Industrial lug drive tires (R4) and 12.5/80 x 18.5 on 4 WD Machine.
- Priority hydrostatic power steering.
- Mast side shift - shifts entire mast, carriage, forks and load 6 inches/ 3 inches left or right of center.
- Hydraulics - 30.5 GPM Capacity @ 2200 PSI @ 2200 RPM 2-stage hydraulic pump, 3-spool control valve, pre-set relief valve, 2 mast lift cylinders, 2 tilt cylinders and 1 side shift cylinder.
- Forklift meets or exceeds ANSI B56.6 design criteria.
- Industrial Type seat adjustable forward and rearward with retractable seat belt.
- Instrument cluster includes fuel gauge, water temp. gauge, oil pressure gauge, and volt meter. The hour meter is located to the left of the instrument cluster. Optional warning lights include low oil pressure, high coolant temperature, air filter restriction, and hydraulic oil filter restriction.
- Transmission declutch switches also located on lift lever and on left brake pedal.

Master Craft

Industrial Equipment Corp.

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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 advanced notice.

Master Craft

MC-SERIES

5,000 - 10,000 LB CAPACITY ROUGH TERRAIN FORKLIFTS



Models Shown with Optional Equipment

TIFTON, GA (USA) • (229) 386-0610

www.mastercraftforklift.com



Lifting the World to New Heights

Others build rough terrain forklifts. We ARE rough terrain forklifts!



Innovative engineering creates power and choice.

By building our carriages in-house at our facility, Master Craft insures that you receive some of the highest-quality carriages in the industry with some of the highest size ranges you can order in ITA Classes II-IV, as well as "shaft" types. Moreover, Master Craft manufactures some of the best-integrated carriages and fork positioners in the industry.

- ◆ 60"-96" carriages (both hook & shaft)
- ◆ Internal reeving standard
- ◆ 6 roller carriages standard (8 roller carriage option)
- ◆ 4 side-thrust roller carriages standard
- ◆ Fully integrated fork positioning systems for 5,000 lb – 16,000 lb capacity (which do not degrade LC or lift capacity)
- ◆ 3" sideshift cylinder & 3" mounting pin for longer life & HD use



RT Masts built in-house for quality and durability.

Master Craft masts are manufactured in-house with high-strength I-beam rails for mast durability and high lift. Master Craft also ensures that all masts manufactured are "high" visibility see-thru masts that give maximum operator visibility. Furthermore, in order to both specialize and strengthen our masts, Master Craft manufactures masts with canted carriage rollers, mast impact blocks, and extra side-thrust rollers when necessary.

- ◆ 10-16' 2-rail
- ◆ 12-21' 3-rail (full free lifts optional)
- ◆ Entire mast sideshifts 3" left/right of center (6" total)
- ◆ Plated masts in 10,000 lb + categories



If it's off-road, it has to be a Master Craft.

You'll find New Holland drive axles in the front of every Master Craft, combined with our own 2WD steer axles. Our axles come in a welded "box" style beam construction combined with HD spindles, hubs, and cylinders. These heavy-duty axles are built for durability and reliability to help keep the Master Craft running at optimum levels in punishing environments.

- ◆ Heavy-duty weldment casing
- ◆ Oversized mounting pin for HD use
- ◆ Double steer cylinders for more precise and controlled steering
- ◆ King pins, ball joints, mounting pin and tie rod can be easily lubricated
- ◆ 4WD on-demand standard for 4WD models
- ◆ 18° oscillation for steer axle



New Counter-Weight Design!



Power is a Perkins engine.

You'll find Perkins engines in the rear of every Master Craft. These heavy-duty motors are built for durability and high technology in order to help keep the Master Craft performing at optimum levels in demanding conditions.

- ◆ Perkins 1104C
- ◆ 269 CID
- ◆ 86 GHP
- ◆ 2 stage air cleaner with inner and outer filter and pre-cleaner



Strength is a one-piece heavy-duty frame.

Fundamentally stronger than some competitors' frames, the Master Craft's frame is built using 1" steel, giving added strength for those heavy-duty jobs. The Master Craft's one-piece HD steel frame construction provides the backbone for handling materials in punishing off-road environments.

- ◆ Special hood and tilt deck feature for service
- ◆ High ground clearance with low center of gravity
- ◆ Transportation tie-downs