

C-Series



Master Craft

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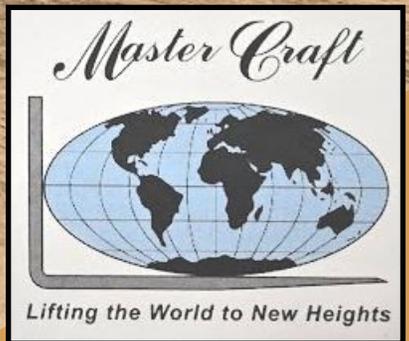


URBO

MASTER CRAFT
FORKLIFT

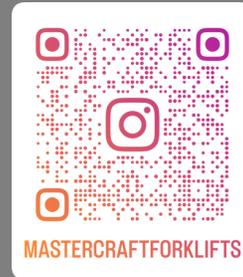


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OPERATOR'S CONTROL CENTER

- ◆ Standard open 4-post 360° viewable area
- ◆ Operator's compartment full instrumentation (lighted)
- ◆ Deluxe full suspension operator's seat with weight and lumbar support controls
- ◆ Quick apply/release park brake handle
- ◆ Hydraulic controls right of steering wheel for easy access
- ◆ Full-see-through (clear view) cab
- ◆ Hydraulic and fuel tanks positioned externally as steps
- ◆ Independent left and right brakes
- ◆ Options include, but not limited to:
 - ◆ A/C
 - ◆ Outside-mounted California mirrors left/right
 - ◆ Fire extinguishers
 - ◆ Arm rests optional



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MAST

- ◆ 12' - 21' Mast
 - ◆ Many have the “free lift option”
- ◆ 48” to 96” wide shaft and ITA class II, II, and IV carriages
- ◆ All masts have a 38° forward tilt for transport only
- ◆ Fork positioners available
- ◆ All masts side-shift entire mast and carriage assembly 3” left/

LIGHTING

Two front work lights, one rear (standard)

Rear lights, turn signals, flashers, brake-activated tail lights, side marker are available options



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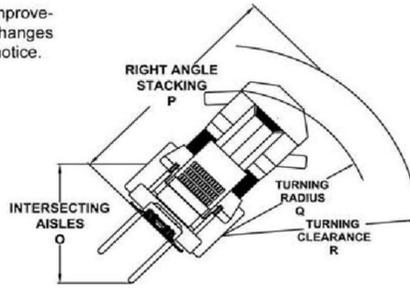
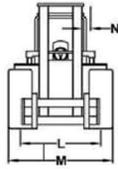
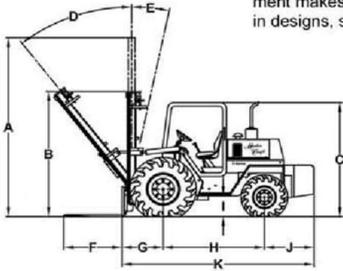
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Drive Line

- ◆ John Deere Power Tech EWX, 74HP (55KW) @2400 RPM
- ◆ 14.7 Liter Oil Pan
- ◆ 12 V Starter
- ◆ 12 V Alternator 75 Amp
- ◆ The 2WD and 4WD steer axles are both of heavy-duty castings and are pinion-mounted with 18° of oscillation.
- ◆ 4WD is on-demand with push-button engagement.
- ◆ Drive axle is outboard planetary with hydraulic-actuated wet-disc brakes.

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		5000 @ 24"LC		6000 @ 24"LC		8000 @ 24"LC		10000 @ 24"LC		12000 @ 24"LC	
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	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	180	291	181	292	181	292	181	292
B	OVERALL HEIGHT MAST COLLAPSED	108	123	108	123	109	124	109	124	109	124
C	OVERALL HEIGHT TOP OF OVERHEAD GUARD	98	98	98	98	98	98	98	98	98	98
D	FORWARD TILT (IN DEGREES)	38°	38°	38°	38°	38°	38°	15°	15°	15°	15°
E	REARWARD TILT (IN DEGREES)	9°	9°	9°	9°	9°	9°	12°	12°	12°	12°
F	LENGTH OF FORKS	48	48	48	48	48	48	48	48	48	48
G	C/L DRIVE AXLE TO FACE OF FORKS	39	39	39	39	39	39	39	39	39	39
H	WHEELBASE	96	96	96	96	96	96	96	96	96	96
I	UNDER CLEARANCE	MAST	11	11	11	11	11	11	11	11	11
	DRIVE AXLE	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.75
	STEER AXLE	11	11	11	11	11	11	11	11	11	11
J	COUNTERWEIGHT OVERHANG	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
K	OVERALL LENGTH TO FACE OF FORKS	171	172.5	171	172.5	174	175.5	174	175.5	174	175.5
L	TREAD WIDTH (19.5L X 24 DRIVE TIRES)	66.5	66.5	66.5	66.5	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	87	87	87	87
N	SIDE SHIFT (TOTAL)	6	6	6	6	6	6	6	6	6	6
O	INTERSECTING AISLES	135	136	135	136	135	136	135	136	135	136
P	RIGHT ANGLE STACKING WITH BRAKE	186	188	186	188	193	195	193	195	193	195
Q	TURNING RADIUS: WITH BRAKE	137	137	137	137	137	137	137	137	137	137
	WITHOUT BRAKE	169	169	169	169	169	169	169	169	169	169
R	TURNING CLEARANCE WITH BRAKE	145	145	145	145	147	147	147	147	147	147
	WITHOUT BRAKE	177	177	177	177	179	179	179	179	179	179
	WEIGHT (2WD WITH MAST, CW, AND FORKS)	13,889	15,237	13,889	15,237	16,050	17,467	16,830	18,286	17,610	19,066

ENGINE SPECIFICATIONS

MAKE	JOHN DEERE
MODEL	POWER TECH EVX
NO. OF CYLINDERS	4
DISPLACEMENT	4.5L 275 CID
HP-MAX GROSS	74HP @ 2200
HP-NET	74HP @ 2400
MAX TORQUE	224 LB-FT @ 1600 RPM
BORE & STROKE	106 X 127 (4.2 X 5)
ELECTRICAL	12 VOLT 680 COLD CRANKING AMPS @ 0° F 12 VOLT 120 AMP STANDARD HEAVY DUTY HIGH TORQUE STARTER AUTOMOTIVE STYLE FUSES
COOLING SYSTEM	THERMOSTAT / ANTIFREEZE 24 QT 19.5 INCH 6 BLADE FAN
FUEL TANK	19 US GALLONS
FUEL FILTER	DUAL / PAPER ELEMENT / WATER SEPARATOR TANK STRAINER
OIL FILTER	FULL FLOW QUART CAPACITY
AIR CLEANER	DRY TYPE 2 STAGE
EXHAUST SYSTEM	HORIZONTAL MUFFLER , VERTICAL TAILPIPE

TRAVEL SPEEDS (MPH): (APPROXIMATE)

1st: 3.7	2nd: 5.9	3rd: 12.3	4th: 24.8
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GENERAL SPECIFICATIONS:

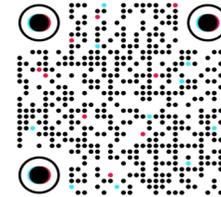
- Synchronesh Power Shuttle Transmission with torque converter and Independent high capacity oil cooler.
- Foot-operated, hydraulic actuated wet disc brake sealed in oil. Brakes operate individually or simultaneously. The park brake is lever operated with a disc type caliper.
- 19.5L x 24 R4 industrial lug drive tires and 12-16.5 aggressive lug steer tires for 2WD machines.
- 19.5L x 24 R4 industrial lug drive tires and 12.5/80 x 18 aggressive tread steer tires for 4WD machines.
- Heavy duty drive axle consists of double reduction matched pinion and bevel gear with inboard planetary gear with final reduction.
- Hydrostatic power steering.
- Center Mounted 2WD and 4WD JCB steer axles with one double acting steer cylinder.
- Push button 4WD engagement.
- Electric over hydraulic pedal operated differential lock.
- Max side shift - shifts entire mast, carriage, forks and load 3 inches off center or 6 inches total.
- HYDRAULICS: 14 Gal. tank capacity, 30.5 GPM @ 2200 PSI @ 2200 RPM, crank shaft driven gear type 2-stage pump, 3 spool control valve, pre-set relief valve, 2 mast lift cylinders and 1 side shift cylinder. A 4 spool control valve for an auxiliary option (such as a fork positioner) is also available.
- Forklift meets or exceeds ANSI B56.6 design criteria.
- Industrial deluxe full suspension seat adjustable forward and rearward with seatbelt.
- Instrumentation - water temperature gauge, oil pressure gauge, fuel level gauge, volt meter, hour meter and park brake warning light (Optional warning lights include oil pressure, water temperature and hydraulic oil restrictor.) Turn signals and brake lights are optional.
- Standard equipment on all forklifts include deluxe suspension seat, load backrest and back-up alarm.

Master Craft

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