

**THE CITY OF CROSSVILLE IS ACCEPTING BIDS FOR A
NEW 100 HP, 4x4 TRACTOR WITH HEAT, AC AND LOADER
30 DAY DELIVERY REQUIRED**

FEATURES FOR TRACTOR:

Key Specs:

Engine Displacement	4 cylinders: 4.5 L 276 cu in.
Rated engine power	At 2400 per ISO 97/68/ED: 74.6 kW 100 hp
Rated PTO power (hp SAE)	At 2400 per SAE: 63.4 kW 85 hp
Transmission type	24F/12R PowrReverser
Hydraulic pump rated output	85.1 L/min 22.5 gpm
Aspiration	Turbocharged
Cylinders liners	Wet sleeved

Transmission:

Type	24F/12R PowrReverser
Reverser	Yes
Clutch; wet/dry	Wet

Hydraulic System:

Pump rated output	Standard 85.1 L/min 22.5 gpm
Available flow at a single rear SCV	60.1 L/min 15.9 gpm
# of rear selective control valves (SCVs)	2
# of mid selective control valves (SCVs)	2
Joystick SCV control	Yes

Rear Hitch:

Hitch draft control load sense type	Mechanical
Remote control valves available	2
Hitch category (SAE designation)	Category 2
Maximum lift capacity behind lift points	Standard: 1457 kg 3213 lb
Sensing type	Top link

Rear Power Take-Off (PTO):

Type	Standard: 540/1000
PTO actuation	Electrohydraulic

Rear Axle:

Type	Inboard planetary
Differential controls	Mechanical (pedal)
Axle type	Flanged
Brakes, type and control	Hydraulic wet disc

Standard Tires:

Front	MFWD: 12.4-24 R1
Rear	MFWD: 18.4-30 R1
Wheel tread range	MFWD: front: 1340-1904 mm 52.8-75.0 in.
Turning radius with brakes	MFWD: 3.54 m 11.6 ft
Turning radius without brakes	MFWD: 4.36 m 14.3 ft

Operator Station:

Gearshift location = console/floor	Floor
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NEW TRACTOR WITH LOADER CON'T

Air Ride Suspension Seat
Front and Rear Lights
Gauges in the dash
Side Mirrors

Dimensions:

Wheelbase

MFWD: 2350 mm 92.5 in.

Capacities:

Fuel tank

Standard Open: 94.6 L 25 U.S. gal Cab: 114 L/min 30 U.S. gal.

FEATURES FOR LOADER:

Key Specs:

Maximum lift height (A)	3482 mm/137 in.
Bucket	Minimum 73", Quick Detach - Joy stick control
Lift capacity at full height	1703 kg/3754 lb.
Clearance at full height-bucket dumped (C)	2444 mm/96 in.
Dump angle, degrees (E)	-73 degree (angle)
Rollback angle, degrees (G)	45 degree (angle)
Bucket used	Materials 1850 mm Materials 73 in.
Bucket weight	246 kg 542 lb
Maximum lift height (A)	3482 mm/137 in.
At full height – bucket dumped (C)	2444 mm/96 in.
Overall length (I+F), ft (m)	4.7 m 15.6 ft.
Digging depth (H)	143 mm 6 in.
Reach:	
At maximum height (D)	1110 mm/44 in.
At ground level – bucket level (F)	2627 mm/103 in.
Bucket Angle:	
Dump angle, degrees (E)	-73 degree (angle)
Rollback angle, degrees (G)	45 degree (angle)
Dump angle, ground	-153 degree (angle)
Cycle Times:	
Loader raise, seconds	6.9 seconds
Loader lower, seconds	5.2 seconds
Bucket dump, seconds	5.3 seconds
Bucket rollback, seconds	3.6 seconds