

SERIES MT7 - MUNICIPAL TRACTOR

FOR MAXIMUM PRODUCTIVITY, SAFETY AND COMFORT FROM THE LEADER IN THE MUNICIPAL TRACTOR FIELD

TRACKLESSVEHICLES.COM

Trackless MT7 Specifications

ENGINE		STD	OPT
John Deere Emission Rating Displacement HP Power Rating Torque Bore x stroke Turbocharged	Model 4045 TFC 03 Tier 4 Final, EU Stage IV 4.5 LT 74 HP, 55 KW 224 Ib-ft, 304 NM @ 1600 rpm 4.2 x 5.0 inch	V	
Equipped with cold st	art aid and 1000 watt engine block heater	~	
	essages displayed on digital dash	~	
POWERTRAIN			
-	static/electronic transmission and motor	~	
	oot pedal programmed to control hydrostatic engine rpm and hydrostatic simultaneously	~	
Trackless mechanical to	ransmission with high/low range and neutral	~	
	event operation of attachments in high range		~
	olanetary transmission. When coupled to sion, 4 speed ranges instead of 2 t/minute		~
	full float axles with new heavy duty alloy slip differentials. 7,000 lb capacity each	~	
Electric locking front Locker will not engage			~
Axle extensions for si	de slope mowing		~
SPEEDS			
Low range High range	0 to 12 km/h (0 to 8 mph) 0 to 30 km/h (0 to 19 mph)	~	
Deep low range	0 to 3m (10ft) / min		~
P.T.O			
Front PTO	1-3/8" 6 spline, 540 rpm	~	
Rear PTO	1-3/8" 6 spline, 540 rpm		~
Twin disc over center of	clutch with electric over hydraulic actuation	~	
Reduction box 4:1		~	
HYDRAULICS			
20 gpm hydraulic gea	r pump driven by timing gears of engine	~	
14 gpm hydraulic gear	pump, only driven with PTO clutch engaged	~	
Joystick control with 8 backlit membrane switches, 4 float position switches also have additional LED indicator lights. Switches colour coded to circuits. Includes FNR (forward/neutral/reverse) switch		V	
6 (3 pair) low volume front hydraulic couplers for attachment control		~	
2 (1 pair) high volume hydraulic couplers to power attachments requiring approximately 16 gpm		~	
2 (1 pair) high volume	hydraulic couplers at rear of tractor	~	
Variable flow to rear hydraulics by way of rotary dial switch in cab		~	
Cartridge type hydraulic filter mounted at highest point in system to allow dry changes		~	
Thermostatically controlled bypass from oil cooler for winter start-up			
Steel hydrostatic lines		~	
Low hydraulic oil warning			
Inching switch outside cab to control lift cylinders for safe pinning of attachments			
HITCHES			
Front - Trackless quick hitch with dual lift cylinders			
Rear - Category 1, 3-point hitch with anti-sway bar			~

BRAKING	STD	OPT
Hydrostatic dynamic braking programmed for smooth deceleration	V	
Hydraulic service brakes on all 4 wheels	~	
Service brake application also activates more aggressive hydrostatic braking		
Mechanical parking brake with warning message displayed on digital dash		
ELECTRICAL		
1000 CCA group 31 battery	~	
200 amp alternator	~	
Main circuit breaker protection and mini blade fuses	~	
Battery disconnect switch	~	
Switch, wiring and plumbing for spray systems	~	
CAN wire to front plug to control engine rpm from external source such as generator/infrared	V	
7 prong trailer plug	~	
Tow behind sander kit		~
STEERING		
Articulated steering 35 degrees each way	~	
Orbitrol hydraulic motor, hydraulic steering cylinder, tilt steering column	~	
Inside turning radius approximately 8-feet	~	
Tilt steering column with hazard button, signal lever, center mounted horn	~	
High strength spherical bearings for pivot pins and steering pins	~	
Bearings and pins greaseable	~	
TIRES & WHEELS		
LT 245/75R x 16 - 10 ply radial winter tire on HD 16" 8-bolt rims	~	
31 x 15.50 x 15 - 8 ply turf tires on HD 15" 8-bolt rims		~
Dual 10 ply loader lug tires (8) mounted on 8 rims		~
Calcium fill		~
Calcium fill in tubes		~
LIGHTS		
4 - Halogen headlights (High/Low beam) 1 - Halogen backup light 2 - Rubber mounted shockproof LED tail lights 1 - Interior dome light	~	
Front and rear LED signal lights and 4 way flashers	~	
8 LED flashing lights above roof, mounted in HVAC guard 2 on each side for 360 degree visibility, all amber or 4 blue, 4 amber	~	
Second rear backup light		٧
Additional high mount rear tail lights		~
Headlight, signal (marker) light guards		>
FINISH		
All steel components prepped in 5 stage phosphate wash, 2 part epoxy primer with rust inhibitor, 2 part polyurethane automotive top coat	~	
Latches, linkages, levers, battery hold down straps and bolts, support rods, striker plate, shifter gate and various small brackets zinc plated	V	
Colour highway yellow with black trim, grey/black interior	~	
Custom colours to customer specification		~

Trackless MT7 Specifications

CAB FEATURES	STD	OPT
Certified ROPS cab structure, steel roof with rain gutters		
Digital dash: tachometer, speedometer, hour meter, fuel level, engine coolant temp., hydraulic oil temp., engine oil pressure, voltmeter		
7-speed heater defroster		
HVAC system with auxiliary heat and pressurization	~	
2 outside and 1 inside rear view mirror	~	
3 point retractable seat belt	٧	
AM/FM/Bluetooth stereo, dual speakers, external aerial with amplifier	~	
Cup holder, cell phone holder, door pocket, storage tray	~	
12 volt power point auxiliary outlet for cell phone 12 volt 2-way radio jacks	~	
Fire extinguisher		~
First aid kit		~
Gas strut door cylinder and safety strap	~	
Tilt steering column with horn, signal lever, hazard button	~	
DOT approved tinted tempered safety glass	٧	
Left and right side slider windows	٧	
3-speed pantograph wiper and windshield washer	~	
Intermittent front wiper, rear wiper and washer	٧	
Conaflex sound deadening, sound barrier floor matting	~	
High back, fabric covered air ride seat	~	
Left and right arm rest	~	
Full colour digital dash including backup camera when in reverse	~	
Slopemeter		~
EXTERIOR FEATURES		
Steel panels, aluminum top hood, 2 hinged access doors, hinged rear grill	~	
Top, rear and side panels removable without tools	~	
Heavy duty 10 gauge steel fenders	~	
SMV - slow moving vehicle sign		
Pintle hitch		~
2-5/16" ball hitch		~
Rear license plate bracket and light		~
SAFETY FEATURES		
Neutral safety start switch	~	
Automatic hydraulic power shut off, if rotary mower wings raised	~	
Automatic PTO shut down if operator leaves seat	~	
Automatic engine shut down if operator leaves seat with shifter not in neutral position		
Automatic hydraulic power shuts off if operator leaves the seat		
Application of service brake foot pedal activates more aggressive hydrostatic braking in conjunction with the 4 wheel service brakes		
Wire finger guard protection from engine fan blades		
Reflective striping on both sides and rear of tractor		
Pinch point, danger, caution decals		
Backup alarm/Backup camera	~	
White sound reversing alarm		~

CAPACITIES		US	METRIC	
Fuel	Ultra low sulfur diesel ONLY	24.3 gal	94.0 L	
Engine oil	John Deere Plus-50 II or equivalent	2.25 gal	8.5 L	
Coolant	Must meet ASTM4985 (GM6038M)	5.68 gal	21.5 L	
Hydraulic oil	Hydrex MV46 or equivalent	19.8 gal	75.0 L	
Differentials	80W90 EP or equivalent	2.4 qt	2.3 L	
Reduction gearbox	80W90 EP or equivalent	1.1 qt	1.0 L	
Mechanical transmission	80W90 EP or equivalent	3.2 qt	3.0 L	
WEIGHTS AND DIN	MENSIONS	US	METRIC	
Overall length including rea		149.5 in	3797 mm	
Height to top of HVAC system	m	88.0 in	2235 mm	
Track width with radial tires		49.5 in	1257 mm	
Overall width including fender	·s	50.5 in	1283 mm	
Weight with oils, coolant and	d full tank of fuel	6900 lbs	3136 kg	
ATTACHMENTS		REQL	JIRED	
14' rotary mower		Turf	Tires	
10' rotary mower		Turf	Tires	
6' rotary mower		Turf	Tires	
14' Progressive rotary mowe	4' Progressive rotary mower		Turf Tires	
Front mounted aerator		Turf Tires		
Stump grinder		Turf	Tires	
74" front mounted flail mow	er	Turf Tires		
51" heavy duty boom flail		Dual Tires		
Asphalt cold planer		Deep Reduction		
Concrete cold planer		Deep Reduction		
Leaf loader		Duals on Rear		
45 kW generator and securit	y fencing			
Electric infrared asphalt hea	iter			
Front mounted loader 49" o	r 77" bucket			
Line and stencil painter				
3, 4, 5 ,6 ,7 or 8' wide hydrau	llic driven angle sweeper			
48" pickup sweeper				
50, 60, or 72" v-plow				
5-position folding v-plow				
5, 6, 7 or 8' wide angle snow	plow			
5' double trip snow plow				
51, 60, 70 or 80" twin auger	snowblower			
51, 60 or 75" ribbon snowblo	ower			
Rear salt and sand spreader	with single agitator			
Rear salt and sand spreader	with triple agitator			
Rear tow behind sander		Tow	/ Kit	
80 gallon (300 liters) water tank and pump system				
80 gallon (300 liters) brine s	pray system			
80 gallon (300 liters) 14' rear	r-mount spray boom			