

## SERIES MT7 - MUNICIPAL TRACTOR

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

TRACKLESSVEHICLES.COM



# TRACKLESS VEHICLES RIBBON SNOWBLOWERS



Available widths: 51"(1295mm), 60"(1524mm) & 75"(1905mm)

The Ribbon Snowblower is the next generation of gearbox snowblower technology from Trackless Vehicles Ltd. Designed for higher output, this snowblower outperforms all others in heavy wet snow and is extremely aggressive when cutting into frozen banks.

#### Chutes:

The Ribbon Snowblowers are able to accept either a sidewalk chute, truck loading chute or our telescopic chute. Telescopic chute is only available for the MT6 or MT7 and is standard on the 75-inch blower.

## **General Info**

**Housing:** 38" high with 3/8" end plates **Auger:** 1 - 28" dia. ribbon with ice picks

Impeller: 7½" x 24" dia. - 5 scoop blades

Cutting edge: 6" x ½" hardened reversible Shear bolts: On augers and main PTO drive Skid shoes: Free pivoting 1½" thick hardened



## TRACKLESS VEHICLES DOUBLE TRIP PLOW



Winter can take a toll on sidewalks creating uneven surfaces which makes plowing snow difficult. The Double Trip Sidewalk Plow was built for municipalities that have a significant number of toe trips resulting in constant plow tripping. The double trip system trips the mouldboard 35° and the cutting edge 40° which protects both the plow and the MT from damage when obstacles are encountered.

#### **Plow Tripping:**

The dual action trip system provides a smoother trip than conventional trip-edge plows and does not require the operator to stop or slow down for the mouldboard and cutting edge to return to the proper position.

#### **General Info**

Blade Angling: 30° left or right

Cutting Edge: ½" x 6" hardened steel

Skid shoes: 2 adjustable

Cylinders: 2 single acting

Mouldboard trip springs: 2

Cutting edge trip springs: 2



## TRACKLESS VEHICLES POWER ANGLE SWEEPERS



The Power Angle Sweeper can be used to perform a wide variety of tasks every month of the year making it one of the most cost-effective and versatile attachments to own. In addition to sweeping sand, gravel or other debris from sidewalks, parking lots, cul de sacs, intersections or other confined areas, the sweeper can also be used to dethatch large lawns and playing fields in the summer or remove snow from sidewalks in the winter.

## **General Info**

Broom diameter: 32" (812mm)

Angling Mechanism: Self-centering scissor

frame

## **Sweeping Width**

5' (1524mm) 8' (2438mm)

6' (1828mm) Made to order: 3' (914mm)

7' (2133mm) **Made to order:** 4' (1219mm)

## **Trackless MT7 Specifications**

ENGINE	STD	OPT
John Deere Model 4045 TFC 03 Emission Rating Tier 4 Final, EU Stage IV Displacement 4.5 LT HP Power Rating 74 HP, 55 KW Torque 224 lb-ft, 304 NM @ 1600 rpm Bore x stroke 4.2 x 5.0 inch Turbocharged	v	
Reversing fan	~	
Equipped start aid and 1000 watt engine block heater	~	
Icons and warning messages displayed on digital dash	~	
POWERTRAIN		
Sauer Danfoss hydrostatic/electronic transmission and motor	~	
Control by electronic foot pedal programmed to control hydrostatic independently or both engine rpm and hydrostatic simultaneously	~	
Trackless mechanical transmission with high/low range and neutral	~	
Cruise control in low range	~	
10:1 deep reduction planetary transmission. When coupled to mechanical transmission, 4 speed ranges instead of 2 Deep low is 0 to 3m (10ft) / min		V
Dana style model 60 full float axles with new heavy duty alloy spindles and limited slip differentials. 7,000 lb capacity each	~	
Electric locking front differential Locker will not engage when in high range		~
SPEEDS		
Low range 0 to 12 km/h (0 to 8 mph) High range 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 clutch with electric over hydraulic actuation	~	
Reduction box 4:1	~	
HYDRAULICS		
20 gpm hydraulic gear 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		
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 cold conditions 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	V	
Rear - Category 1, 3-point hitch with anti-sway bar		~

BRAKING	STD	OPT
	<u>ماد</u>	OFI
Hydrostatic dynamic braking programmed for smooth deceleration	V	
Service brake 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	٧	
200 amp alternator	٧	
Main circuit breaker protection and mini blade fuses	٧	
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	~	
7 prong trailer plug	~	
GPS / Data tracking port		~
WiFi connected diagnostic		~
STEERING		
Articulated steering 35 degrees each way	~	
Orbitrol hydraulic motor, hydraulic steering cylinder, tilt steering column	~	
Inside turning radius approximately 8-feet	~	
High strength spherical bearings for pivot pins and steering pins	~	
Bearings and pins greaseable	~	
TIRES & WHEELS		
LT 245/75R x 16 - 10 ply radial 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		~
Tera Grip Turf		~
Wheel nut indicators		~
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		~
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	٧	
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	V	
Custom colours to customer specification		V

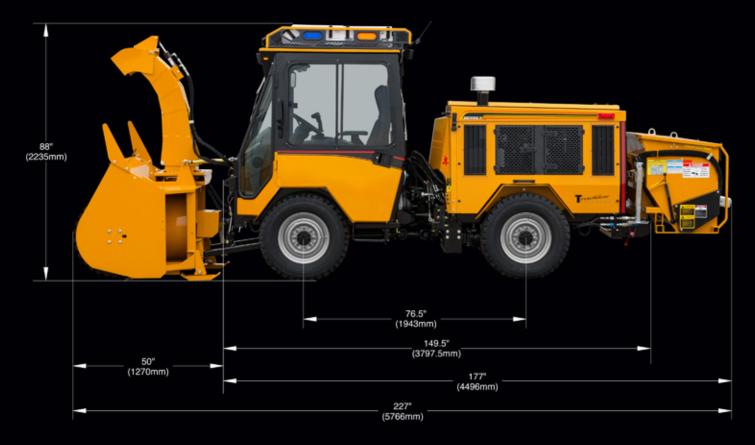
## **Trackless MT7 Specifications**

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	V	
7-speed HVAC Fans	~	
HVAC system with auxiliary heat and pressurization	~	
2 outside and 1 inside rear view mirror	~	
3 point retractable seat belt	~	
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		<b>v</b>
Gas strut door cylinder and safety strap	~	
Tilt steering column with horn, signal lever, hazard button	~	
DOT approved tinted tempered safety glass	~	
Left and right side slider windows	~	
3-speed pantograph wiper and windshield washer	~	
Intermittent front wiper, rear wiper and washer	~	
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 and 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		٧
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 service brake	~	
Wire finger guard protection from engine fan blades	~	
Reflective striping on both sides and rear of tractor	~	
reflective striping of both sides and real of tractor		
Pinch point, danger, caution decals	~	
	~	

CAPACITIES		US	METRIC	
Fuel	Ultra low sulfur diesel <b>ONLY</b>	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	Overall length including rear bumper		3797 mm	
Height to top of HVAC system	Height to top of HVAC system		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	3130 kg	
OTHER OPTIONS				
High range lockout to prevent o	peration of attachments in high range			
Ride Control				
Automatic Grease System				
Sun Visor				
Locking Hoods				
LED Headlights				
Light Guards				
ATTACHMENTS		REQL	JIRED	
6' rotary mower		Turf Tires		
10', 14' rotary mower		Turf Tires		
14' Progressive rotary mowe	er	Turf Tires		
Front mounted aerator		Turf Tires		
74" front mounted flail mow	er	Turf Tires		
51" heavy duty boom flail		Dual	Tires	
Sickle bar mower		Turf Tires		
Stump grinder		Turf Tires		
Debris Blower				
Leaf loader		Dual Tires on Rear		
Asphalt cold planer - <b>Deep F</b>	Reduction Suggested Only	Deep Reduction		
Concrete cold planer		Deep Reduction		
Electric infrared asphalt hea	iter			
45 kW generator and securi	ty fencing			
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	p sweeper			
80 gallon (300 liters) water t	ank and pump system			
80 gallon (300 liters) brine s	pray system			

80 gallon (300 liters) 14' rear-mount spray boom





# 1969 TRACKLESS VEHICLES

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Due to our policy of continuous product improvement, specifications are subject to change without notice.