

trackless MT

YEAR ROUND MUNICIPAL AND INSTITUTIONAL TRACTOR

- Sidewalk snow plowing and blowing
- Sweeping
- Park mowing
- 52 horse power
- Four wheel drive
- Articulated power steering
- Front mounted cab and attachments
- Hydrostatic and mechanical 2 speed transmission
- 51" overall width
- Two ton working weight
- Speeds 0-20 m.p.h.





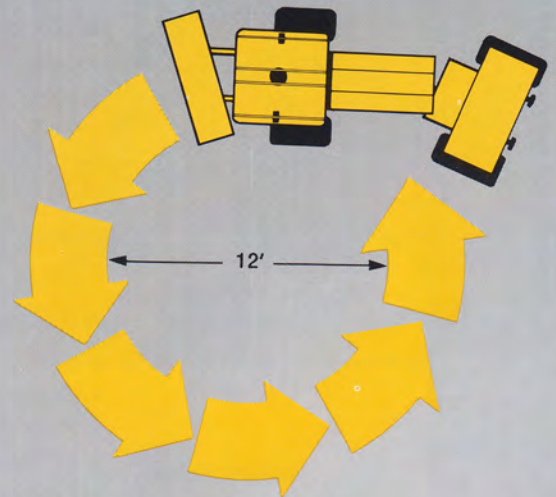
The Trackless MT (Municipal Tractor) is a new concept of tractor designed for municipal and institutional use. It combines the following important requirements: Power, Traction, Manoeuverability, Strength, Ease of Control, Visibility and Width. Several heavy duty attachments make it ideal for year round use.

The MT's prime function is sidewalk snow removal using two types of blades and a snow blower. With its narrow 51" width, two tons of working weight, 52 H.P., four wheel drive, limited slip differential, 12" wide lug type tires, traction is excellent and tire chains are not required even on icy conditions.

Curb climbing at intersections is easier due to the four wheel drive.

Since snow plowing alone is not adequate in heavier snow conditions the MT was designed to power a heavy duty snow blower. Our blower, combined with the MT, is the finest combination available for sidewalk work. Names of purchasers of the MT will be supplied on request.

When the snow goes, forget the old lay-away plan for sidewalk snow removal tractors and attach a broom, mower or your choice of many tow-type trailers or equipment.



Steering control is another major feature of the MT. A light pressure on the steering wheel activates the hydraulic steering which bends the articulated frame up to 45° in the middle allowing a 12' inside turning diameter. Side thrust from angle plows or snow banks is overcome by applying opposing pressure through the steering system. No power loss or brake wear common to skid steer systems is encountered with the MT. Accurate control around the many obstructions along sidewalks is at the operator's fingertips.



SNOW BLOWER

The Trackless heavy duty snow blower with two easily interchangeable chutes — a sidewalk chute and a truck loading chute, can take care of those heavy accumulations of snow where blades are not feasible. The blower body is 51" wide by 38" high, has two heavy duty 13" spiral augers and a 6" x 24" impeller. The 11½" x 10" chute is mounted on a hydraulically rotating ball bearing turntable and has a hydraulically adjustable chute deflector.

Because of the blower's high capacity and fifty horsepower input, higher ground speed is maintained. The MT's hydrostatic foot controlled transmission allows the operator to keep the blower working at full capacity in spite of varying conditions. Both the auger drive and main P.T.O. are shear pin protected. The truck chute has 8'-2" clearance and is suitable for single axle dumps.



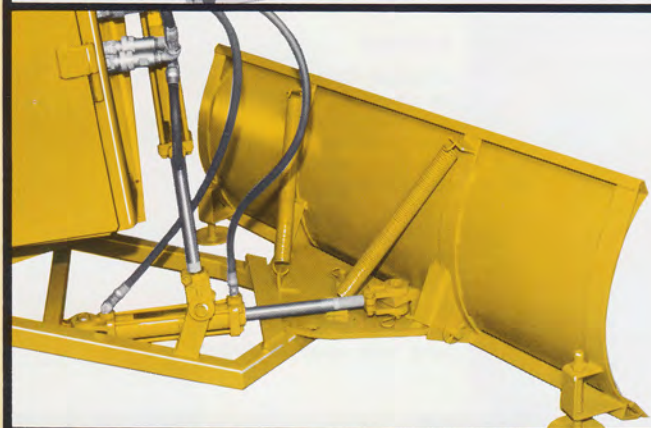
V PLOW

The MT V plow was designed for those higher speed sidewalk operations, where it is acceptable to leave snow on each side of the walk. The front on the wings is 28" high and the rear is 35". Heavy duty ½" x 6" hardened cutting edges on the wings and nose ensure long wear. The 45° angled nose allows the blade to ride over those sidewalk cracks. The replaceable skid shoes are adjustable. There is a degree of float built into the attaching frame so that the blade remains flat on uneven sidewalks.



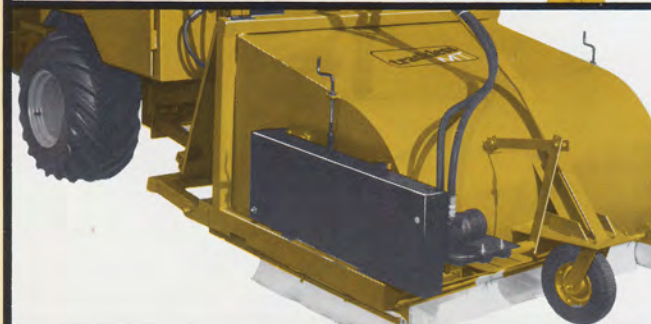
60" MT BLADE

The MT straight blade is 60" long and can be angled up to 30° either way with its attached cylinder. When fully angled it is 50" wide. Adjustable skid shoes maintain the proper clearance. You may work with the lift cylinder in float position or apply down pressure to those hard packed spots. When an obstruction is hit with the blade, it forces the top of the blade forward and down against the springs. Simply by raising the blade from inside the cab, it snaps back to normal position. A hardened cutting edge prolongs its working life in snow and light earth moving.



PICK-UP SWEEPER

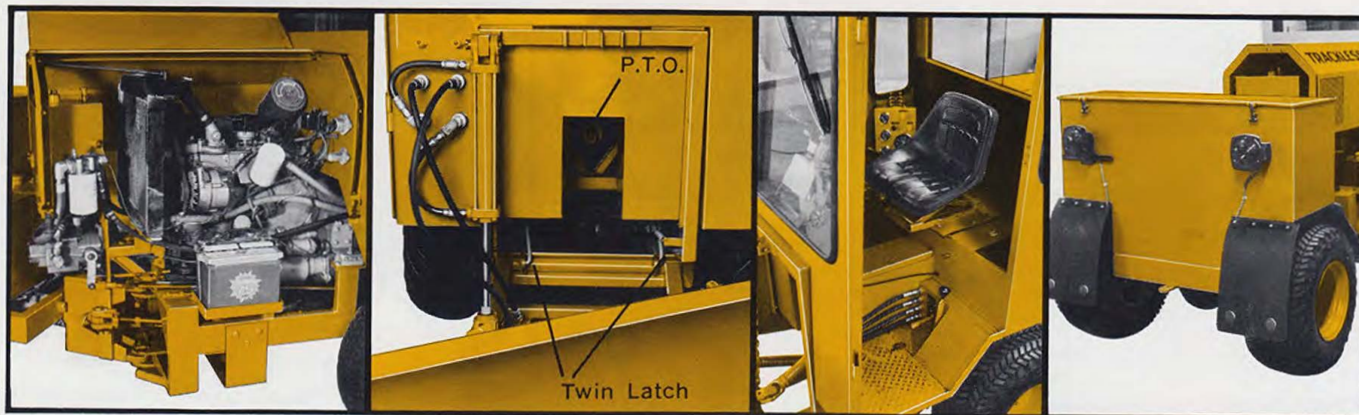
The Trackless 48" Pick-up Sweeper is front mounted and can be carried or lifted over curbs. With the lift system in float position, the sweeper rides on three swivel casters for accurate ground contact. An adjusting crank on each end of the broom lowers the brush to compensate for wear. The hopper carries 4 cu. ft. of debris and the gate is hydraulically operated for dumping. Replaceable rubber skirting keeps dust to a minimum. The brush is hydraulically driven through quick-detach hoses from the M.T.



MOWER

The Trackless 60" heavy duty front mounted mower has 3 Timken bearing equipped spindles with heavy duty suction blades. The ¾" plate deck has the front and sides extended past blade level and the rear full-width discharge is angled to deflect debris downward. Cutting height is adjustable from 1½" to 4". The drive system consists of a P.T.O. shaft from the MT to a gear box on the mower. Belts from the gear box to the spindles protect the drive system from sudden shock loads. Excellent visibility and articulated steering makes it easy to trim closely. Hydraulic control in the cab raises the mower for transport.





TRACKLESS MT SPECIFICATIONS

ENGINE

Continental F163 four cylinder liquid cooled, industrial 163 cu. in.
Rated 56.3 H.P. @ 2200 R.P.M.

P.T.O. CLUTCH

Twin disc 8" over centre.

TRANSMISSIONS

Sundstrand hydrostatic foot controlled for variable speeds in forward and reverse. Trackless mechanical.
2 working ranges and neutral.

DRIVE SYSTEM

The hydrostatic transmission is driven at engine speed. The matching hydrostatic motor is attached to the mechanical transmission. Drive shafts connect to the front and rear differentials giving constant four wheel drive.

AXLES

Front: Dana with limited slip differential and hydraulic brakes.
Rear: Dana with regular differential.

TRACTION

4 — 26 x 12:00 x 12 Super terra grip recommended for winter use only.
4 — 26 x 12:00 x 12 Xtra traction recommended for summer use only.



Designed and manufactured by

**TRACKLESS
VEHICLES LTD.**

BOX 100

COURTLAND, ONTARIO, CANADA

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

HYDRAULICS

Engine mounted 6½ G.P.M. pump. Flow divider directs oil to steering control and to 3 spool attachment control. Float position is standard on lift control.
3 pair Quick disconnect couplings attached to front of cab.
2" x 12" lift cylinder included with tractor. Oils from steering, attachment control and transmission are returned to one filtered reservoir.

STEERING

Steering wheel controls hydrostatic system. 45° turns either way.

FRAME

Reinforced 4" channel steel—3 piece, swivel action allows any wheel to mount 8" obstruction and maintain ground contact with all wheels.

CABS

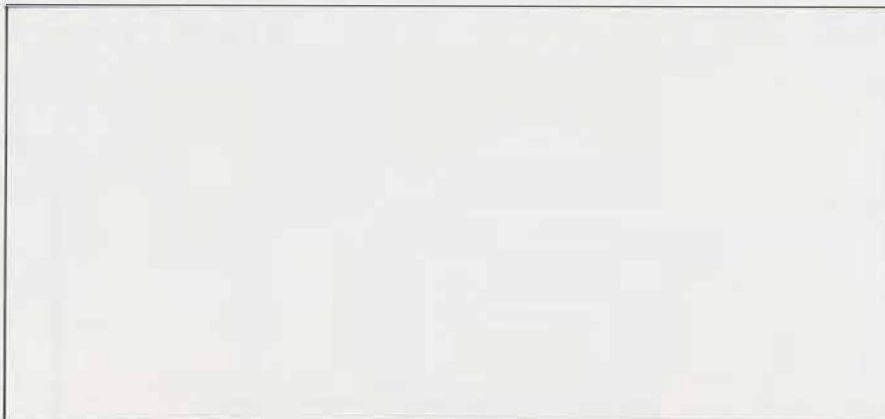
Standard — One man insulated steel cab with heater-defroster, tinted safety glass, torsion type tractor seat, windshield wiper, sliding rear windows, removable doors, convenient controls.

ROPS — Integral reinforced structure meets S.A.E. J1040 and O.S.H.A. 19261001 specifications. Interior components are identical to standard cab.

LIGHTS

Two headlights, revolving blue or amber light with branch protector. Two combination turn-signals and flashers with branch protectors. Two rear tail lights with license bracket.

SOLD AND SERVICED BY



INSTRUMENTS

Tachometer, hour meter, ammeter, water temperature, oil temperature, oil pressure. All gauges illuminated.

TWIN-LATCH

An original design by Trackless allowing fast, positive hook-up to attachments.

FUEL TANKS

2 — 8 gallon tanks with gauges.

BRAKES

9" drum hydraulic on front axle. Parking brake.

BALLAST BOX

1100# dry sand capacity.
Mud flaps front and rear.
Hinged cover included.

DIMENSIONS

Wheel base 75"
Overall width 51"
Overall length 124"
Overall height 94"
Turning diameter 12' inside.

WEIGHT

Net, front axle 2100 lbs., ROPS 2500 lbs.
Net, rear axle 760 lbs., ROPS 780 lbs.
Rear box with sand
1140 lbs., ROPS 1160 lbs.
Gross working 4000 lbs., ROPS 4420 lbs.

SPEEDS

Low range 0-9 M.P.H.
High range 0-20 M.P.H.