



MB7BT

Multipurpose tractor



Technical data

Tractor

Engine type	CAT C4.4
Performance	150 kW (200 HP)
Number of cylinders	4
Aspiration	Turbo charger air to air intercooler
Exhaust emissions	T4 final California CARB / EU Stage V
Air cleaner	Dry
Cooling system	Liquid cooled / Bi-Directional hydraulic fan
Cold conditions	Block heater
Exhaust system	DPF and SCR

Mechanical

Axle drive	4 wheel hydrostatic drive
Tractive effort	14,000 lbf
Chassis	Fabricated steel
Brakes	Hydrostatic dynamic braking / Spring applied parking / Emergency brake
Empty weight approx.	20,000 lbs
Tire size	480/85R34
Tire type	Snow tires / Agricultural type

Steering

Steering typ	Hydrostatic power / Articulated steering
Articulation angle approx.	45°
Turning circle approx.	33'

Operators cabin

Driving direction	Bi-Directional
Cabin type	2 – door ROPS FOPS certified



Glass	Tinted, safety glass
Climate control	Pressurizer Heater Defroster Air conditioning
Fan	Multi speed
Seat	Damped spring suspension / adjustable Rotating with joystick Steering wheel and console Rotation - 210° to face either driving direction
Windshield wipers and washers	Both sides
Power take off (PTO)	
PTO Both sides	Mechanical PTO 1,000RPM MAX 180hp, rotational direction – clockwise
PTO transmission	2.1:1 Ratio
Function control	Hydraulic both sides Stucci connector
Hydraulic PTO	35 gal/min / 3,000 PSI
Tractor hitch	
Hitch	Category III N 3Pt Hitch, both sides
Lift capacity	6,500 lbs / 24"
Loader arm lift capacity	4,000lbs at maximum extension Buckets for diffent applications
Electrical system	
Electrical system	Alternator 160 A
Battery	Qty 2, GRP 31, 950 CCA, 12V
Lighting	Driving lights / Internal dome light / Amber beacon dome light SAE Class 1 / Turn signals on both ends / Brake lights on both ends
Controls	
Driving	Steering wheel / Joystick
Function control	Joystick / Control panel
brakes	Foot operated E-brake – both directions
Speed	
Speed forward	28 mph
Speed reverse	8 mph
Attachments	
Attachments	Front end loader / Snow blower / Mower / Rotating broom / Regular plow
Capacity	
Fuel	2 x 34 gal for 8 hours of operation
Hydraulic	15 gal
Loader operating envelope	
Maximum lift height under level bucket	11' 3"
Clearance with bucket dumped	9' 2" / 45°
Maximum dump angle	60°
Reach with bucket on ground	7' 6"
Maximum rollback angle	28°
Digging depth	3.2"
Maximum bucket height (standard bucket)	14' 8"
Lift capacity to max height at pivot	6,400 lbs
Bucket rollback force at ground	6,440 lbs (31 1/2" ahead of pivot)