TUG › MT⚡E

WHERE UTILITY MEETS PERFORMANCE

The MT Electric is engineered to handle the most demanding ramp operations. Built on a proven, durable unibody frame and powered by a high-performance 400V system, it delivers exceptional reliability and capability. Whether transporting cargo safely and efficiently at speeds up to 20 mph or executing pushback operations for regional jets, the MT Electric is designed to perform. With industry-leading charging flexibility, it ensures maximum uptime and operational efficiency across a wide range of ground support applications.

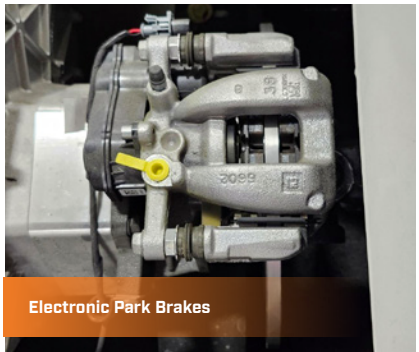
400V ELECTRIC CARGO TRACTOR

EXTENSIVE DURABILITY & QUALITY TESTING

EURODIN POSICHARGE & LEVEL 3 HIGH VOLTAGE CHARGING OPTIONS

Rear Mounted Inching Controls

Compact Electrical Powertrain



Electronic Park Brakes

Full Heating & AC

TUG › MT-E

	MT -ELECTRIC
PERFORMANCE	
Max Speed	20 mph (32.2 km/h)
Drawbar Pull	10,000 lbs. (44.5 kN)
Gross Vehicle Weight	14,500 lbs. (6,577Kg)
Power	167 KW (200Hp)
Battery Capacity	102 KW (255Ah at 400V)
Maxing Towing Capacity	120,000 lbs.
Max Pushback Weight	140,000 lbs. (Up to ERJ195)
DIMENSIONS	
Width	74 in (1,880mm)
Length (w/o Hitches)	130 in (3,300mm)
Height (w/ Cab)	84 in (2,134 mm)
Height (w/o Cab)	60 in (1,524 mm)
Wheelbase	80 in (2,032 mm)
Outside Turning Radius	173 in (4,394 mm)
Tires	Front: 8 X 16.5 Rear: 215/75R17.5 Dually
POWER	
Traction Battery (80V)	102KW 400V Liquid Cooled battery pack
Motor	400V GM Traction Motor
Auxiliary Battery	12V
Remote Charge Port	Dual 80V and LVL 2 Charging

OPTIONS

ENCLOSED CAB WITH DOORS

SUSPENSION SEAT

REAR VIEW CAMERA

OTHERS

- Enclosed Cab
- Heating and Cooling System
- Suspension Seat
- Flash Beacon
- Rear Window Guards
- LVL 3 HV Charging
- Hitch Options:
  - E-Hitch
  - Holland Hitch
  - Front Pushback Hitch

Why Electric?

- Reduced Maintenance Requirement
- Reduced Emissions
- Lower Operating Costs
- Quiet Operations
- Charging Flexibility

Learn More

TEXTRON GSE

Specifications are subject to change without notice. Models shown may include optional features.

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TUG

TEXTRON GSE

MT

RESILIENT MULTI-TASKER.

- POWER STEERING
- PUSHBACK CAPABLE
- 12,000 lb (5,443.1 kg) MAX DRAWBAR
- TIER III / EPA AND CARB COMPLIANT

TUG - MT

Crafted with precision, the TUG™ MT was built to effortlessly handle heavy loads, making every task attainable. Its pushback capability ensures seamless aircraft handling, optimizing ground support operations. The TUG MT guarantees nimble and efficient movement leading to reduced turnaround times with a top speed of 15 mph (24.1 kph). Experience effortless maneuvering with power steering allowing for precise control in harsh environments. The 4-wheel suspension ensures a smooth and stable ride, minimizing vibrations and maximizing operator comfort. Featuring a standard e-hitch, the TUG MT brings versatility to your operations, revolutionizing your ground handling experience. Embrace power, speed, and reliability with the TUG MT, where heavy load mobility meets peak performance.

SHARED FEATURES

- 12V, Negative Ground Electrical System
- Standard E-Hitch
- LED Headlights, Taillights, Backup Lights, and Turn Signals
- Power Steering
- Bucket Seats
- Retractable Seat Belts

OPTIONAL FEATURES

- Cab
- Backup Alarm
- LCD Display
- Additional Hitches to Fit Custom Specifications

	KUBOTA WG3800
CHASSIS POWER	
Model	MT-38
Type	Liquid-Cooled, In-Line, 4 Cylinder
Fuel	30 US Gal (113.6 L) 87 Octane
Displacement	230 CID (3.8 L)
Governed RPM w/ Full Load	2,600
Net Brake hp at Governed Speed	87 (64.9 kW)
Torque	177 lb-ft (240 Nm) @ 2,400 RPM
Transmission	GM 4LHD
Shifter	Electronic FNR Between Seats
DIMENSIONS	
Width	74 in (1,880 mm)
Length (w/o Hitches)	MT8: 127 in (3,226 mm) MT12: 133 in (3,378 mm) - 12,000 lbs DBP
Height (w/ Cab)	84 in (2,134 mm)
Height (w/o Cab)	60 in (1,524 mm)
Wheelbase	80 in (2,032 mm)
Ground Clearance	8.3 in (211 mm)
Outside Turning Radius	173 in (4,394 mm)
Tires	Standard: Front: 8 X 16.5 in, 8-Ply Rating Rear: 215/75R17.5
STANDARD EQUIPMENT	
Drive Axle	Heavy Duty 12,000 lb (5,443.1 kg) Capacity Axle w/ Drop Box
Brakes	4 Wheel Disc w/ Hydraulic Power Assist and Dual Master Cylinder
Suspension	4 Wheel Suspension Leaf Springs on Front Axle Coil Springs & Shock Absorber on Rear

	MT-8	MT-10
PERFORMANCE		
Drawbar Pull	8,000 lb (3,628.7 kg)	10,000 lb (4,535.9 kg)
GVW	9,500 lb (4,309.1 kg)	14,500 lb (6,577.1 kg)

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TEXTRON GSE
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