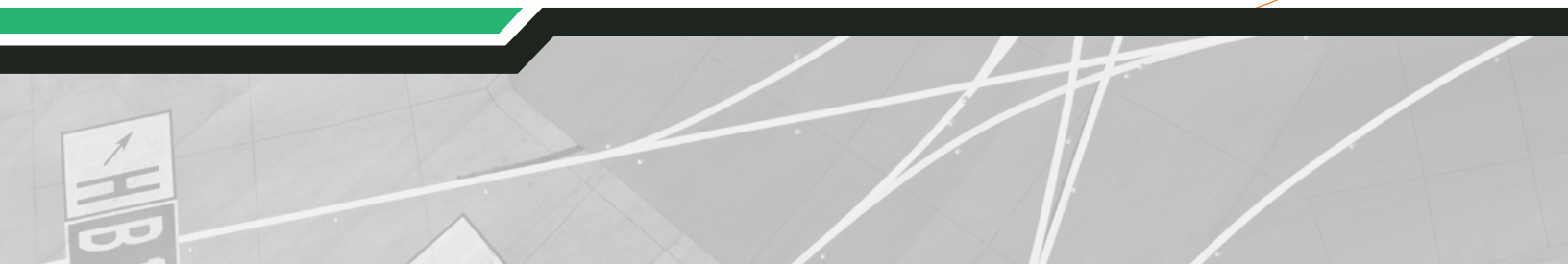




ALPHA 1

REDEFINING EXCELLENCE.



TUG[®] ALPHA 1

The TUG[™] ALPHA 1 was built to be the leader of your ground support equipment fleet. Crafted with a unique center-drive design and complimented by remote diagnostics, this pushback provides a safe operator experience. By choosing the lithium powertrain, you reap the rewards of convenient opportunity charging that ensures your operation runs smoothly every day. From best-in-class maneuverability, easier serviceability, superior safety, and options such as inching controls, cabs, and much more, it's ready to support your crew with tight turns and heavy loads.

SHARED FEATURES

- 12V, Negative Ground Electrical System
- Front Leaf Spring Suspension, Rear Rigid Mount
- Selectable 4WD
- Standard E-Hitch
- LED Headlights, Taillights, Backup Lights and Turn Signals
- Multi-Function Display
- Retractable Seat Belts
- Electronic Brake By Wire System
- Full Hydraulic Wet Disc Brakes
- SAHR Parking Brake
- Electronically Controlled Steering System



| LITHIUM | |
|------------------------------|---|
| CHASSIS POWER | |
| Type | Permanent Magenet Synchronous AC InMotion GSM312 |
| Transmission | DANA T12000 4F/2R Powershift |
| Net Brake hp at Governed RPM | 54.4 kW |
| Torque | 157 lb-ft (212.9 Nm) |
| Battery Voltage | 103VDC Traction |
| Battery Type | Lithium NMC |
| Battery Capacity | 42 kWh |
| Motor Controller | InMotion ACS Gen 7 |
| DIMENSIONS | |
| Width | 86 in (2,184 mm) |
| Height (less cab) | 53.5 in (1,359 mm) |
| Height (with cab) | 77.8 in (1,976 mm) |
| Length (without hitches) | 191.4 in (4,862 mm) |
| Wheelbase | 92 in (2,337 mm) |
| Standard Weight | 20,000 lbs (9,072 kg) |
| Maximum Weight | 35,000 lbs (15,876 kg) |
| Ground Clearance | 7.9 in (201 mm) |
| PERFORMANCE | |
| Top Speed | 13 mph (21 km/h) |
| CE Certified | Yes |
| Max Drawbar | 16,000 lb (7,257 kg); 20,000 lb (9,072 kg) 20,000 lb (9,072 kg); 25,000 lb (11,340 kg) 24,000 lb (10,886 kg); 30,000 lb (13,608 kg) 24,000 lb (10,886 kg); 35,000 lb (15,876 kg) |



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