



ALPHA 1

REDEFINING EXCELLENCE.



LITHIUM BATTERY



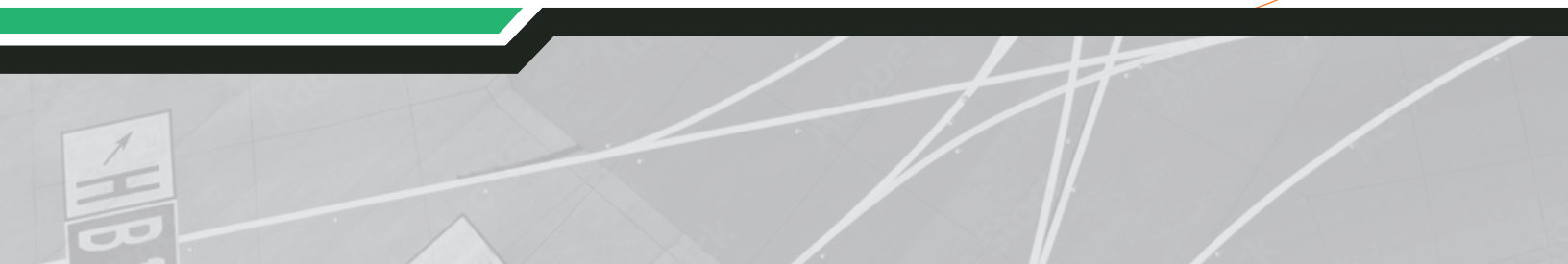
FULL 360° SIGHT LINES



ONBOARD & REMOTE DIAGNOSTICS



AUTONOMOUS READY COMPONENTS



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.



CHASSIS POWER

Lithium

Type	Permanent Magnet Synchronous AC InMotion GSM312
Transmission	DANA T12000 4F/2R
Motor Torque	Peak 214 Nm @ 2,400 RPM
Motor Power	55kW @ 2,500 RPM
Battery Voltage	103V, DC (Max 120V)
Battery Type	Lithium NMC
Battery Capacity	42 kWh
Motor Controller	InMotion ACS Gen 7

Kubota WG 3800

Type	Water-Cooled, Vertical, 4 Cylinder Gasoline
Fuel & Compatible Fuel (Type & Quantity)	33 US gal (125 L) / 87 Octane
Displacement (Size of Engine)	230 CID (3.8 L)
Governed RPM w/ Full Load	87 (65 kW)
Transmission	DANA T12000 4F/2R
Motor Torque	183 lb ft (248 Nm)

DIMENSIONS

Width	86" (2,185 mm)
Wheel Base	92" (2,336.8 mm)
Height (Less Cab)	53.5" (1,359.2 mm)
Height (With Cab)	77.8" (1,976.1 mm)
Maximum Weight	35,000 lbs (15,876 kg)
Length (Without Hitches)	191.4" (4,860.5 mm)
Ground Clearance	7.9" (200 mm)

PERFORMANCE

Lithium

Top Speed	15 mph (24.1 km/h)
EPA Tier / Certification Level	CE Certified
CE Certified	Yes
Max Drawbar	24,000 lbs (10,886 kg)

Kubota WG 3800

Top Speed	15 mph (24.1 km/h)
CE Certified	Yes
Max Drawbar	24,000 lbs (10,886 kg)



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