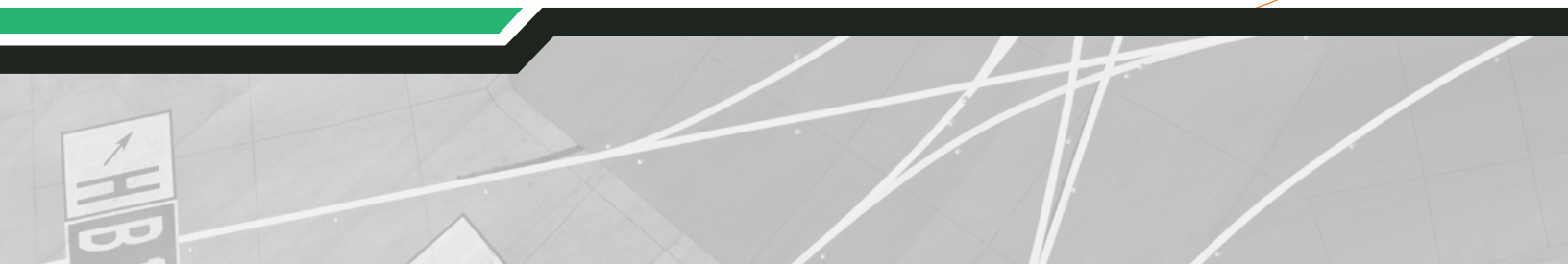
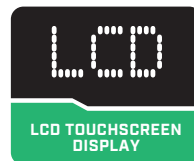




# ALPHA 4

ELEVATE YOUR OPERATION.



# TUG<sup>®</sup> ALPHA 4

Engineered to increase productivity, operator comfort, and streamline operations, the TUG<sup>™</sup> ALPHA 4 specializes in the transportation of wide-bodied aircraft. Risk aversion at the forefront of design, this pushback incorporates a comprehensive range of safety features that protects both operators and valuable assets. Included with every TUG ALPHA 4, the 7 in (17 cm) LCD control system is the best assistant for every operator.

## SHARED FEATURES

- 4WD Interaxle Diff
- 24V Electrical System
- LED headlights, taillights, backup lights and turn signal
- 3 Person Seating: mechanically suspended, center position driver's seat, fold down wing walker seats
- Retractable Seat Belts
- Fuel Guage
- Speedometer
- Hour meter
- Voltmeter
- Engine Temperature
- Transmission Oil Temperation
- Oil Pressure
- High Temperature / Low Pressure Shutdown
- E-Stops



CUMMINS <sup>®</sup> QSB 6.7L	
CHASSIS POWER	
Type	Water-Cooled, Direct Injected, Turbocharged 6-Cylinder
Fuel	65 US Gal [246 L] - ULSD Only
Displacement	408 CID [6.7 L]
Governed RPM w/ Full Load	2,200
Net Brake hp at Governed Speed	280 hp [209 kW]
Torque	950 lb-ft [1288 Nm] @1,500 RPM
Parking Brake	SAHR
Transmission	ZF 4WG210 [4F/2R]
DIMENSIONS	
Width	114 in [2,896 mm]
Length [w/ Standard Rear Hitch]	282.8 in
Length [w/ Front and Rear Hitch]	286.3 in
Length [w/o Hitches]	279.3 in [7,093 mm]
Height [w/ Cab]	87.5 in [2,223 mm]
Height [w/o Cab]	71.5 in [1,816 mm]
Fixed Cab Height	87.5 in [2,223 mm]
Wheelbase	125.75 in [3,194 mm]
Ground Clearance	10 in [254 mm]
Outside Turning Radius	2WS - 22 ft [5,706 mm] / 4WS - 25 ft [7,620 mm]
Minimum Weight	80,000 lbs [36,287 kg]
Standard Weight	80,000 lbs [36,287 kg]
Maximum Weight	120,000 lbs [54,431 kg]
STANDARD EQUIPMENT	
Drive Axle	Kessler LT91 heavy duty drive / steer axle with full hydraulic disc brakes
Brakes	Full hydraulic 4-wheel disc brakes / Front and Rear: Dual Calipers per wheel
Suspension	Front: Leaf Spring / Rear: Rigid Mount
Hitch	16 in [406.4 mm] F&R pin style
PERFORMANCE	
Top Speed	15 mph [24.1 kph]
EPA Tier Level	Tier 4F / Stage IV
Max Drawbar Pull	72,000 lbs [32,659 kg]
Max GVW	120,000 lbs [54,432 kg]
Tires	Front and Rear: 16.00 X 25, 32 ply [bias ply]



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