

»ATLAS« AST-2E G TECHNICAL DATA



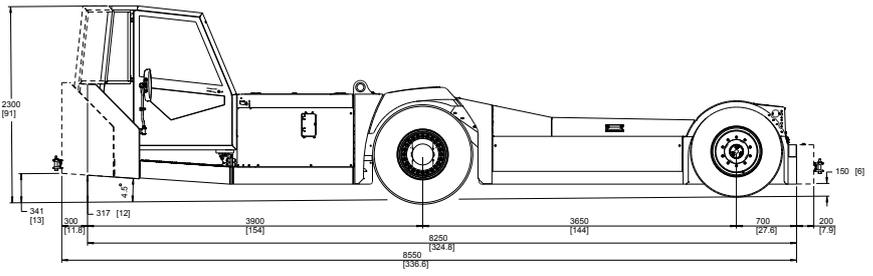
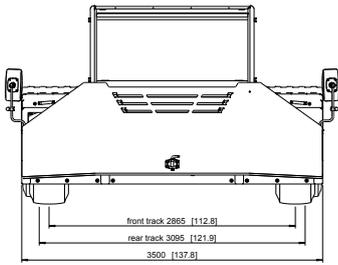
	Embraer 170/175/190/195 (incl. E2 versions)
	Airbus A220-100 / -300 (former CS 100/300)
	B737 -300 up to -900
	B737 Max 7 / 8200/9/10
	B717
	A318 / 319 / 320 / 321 ^[1]
	B757 -200 / -300
	B767 -200 / -300 / -400
	DC-10 / MD-11
	A300 / A310
	A330 -200 / -300 / -800 / -900 ^[1] & A340 -200 / -300
	B787
	B777 -200 / -200 ER / -300
	A350
	B777 -200 LR / -300 ER / -F
AIRCRAFT RANGE	• • • • • • • • • • • • • • •
DEADWEIGHT	+ 16.0 t - 17.0 t (depending on the scope of options)
MTOW	+ 352 t
LIFTING CAPACITY	+ 375 kN

^[1] Incl. Neo versions



FIND OUT MORE
AST-2E G

MADE FOR YOUR MISSION



Dimensions in mm [inch]

96 V LITHIUM-ION BATTERY

⚡	CAPACITY	64,5 kWh (3 x 21,5 kWh) up to 22 km/h	86 kWh (4 x 21,5 kWh) up to 22 km/h
	CHARGING	+ AC: 400 Hz gate charger or Type 1 or Type 2, max. 13 kW + DC: Rema type standard or equivalent, max. 320 A	
⚙️	TURNING RADIUS	+ 9950 mm or 10150 mm ^[2]	
	TRACTIVE FORCE	+ Automatic adaption to NLG limits up to 120 kN	
	AXLES	+ Kessler driven front steering axle with planetary drives in the wheel hubs and differential lock	+ SAF rear wheel hubs
	STEERING SYSTEM	+ Front-wheel steering + Hydraulic power steering + Steering cylinder self-venting	+ 24V backup pump ensures continuous steering pressure supply
	TIRES	+ Front axle R22.5 2 x 445 / 65	+ Rear axle R22.5 2 x 385 / 65
	BRAKES	+ 2 circuits brake system (disc brakes at front, drum brakes at rear) + Hydraulic power brake system safeguarded by diaphragm accumulators + Automatic brake force adjustment according to currently loaded aircraft	
	HYDRAULIC SYSTEM	+ Brakes, steering and pick-up system	
	ELECTRIC SYSTEM	+ 24V on-board voltage	+ Battery capacity 2 x 12 V / 154 Ah
	CABIN	+ 3 men cabin, optional: 1 or 2 passenger seat	
	+	OPTIONS	+ Additional battery capacity
EXAMPLES		+ Air conditioning	+ Snow chains
		+ Auto-lube	+ And many more

^[2] with turning seat

GOLDHOFER AKTIENGESELLSCHAFT

Donaustrasse 95, 87700 Memmingen/Germany
 Web: www.goldhofer.com, E-Mail: info@goldhofer.com

SALES

Telephone: +49 8331 15-343
 E-Mail: sales-airporttechnology@goldhofer.com

SERVICE AND SPARE PARTS

Telephone: +49 8331 962 99 99, Fax: +49 8331 15-247
 E-Mail: service-airporttechnology@goldhofer.com

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