

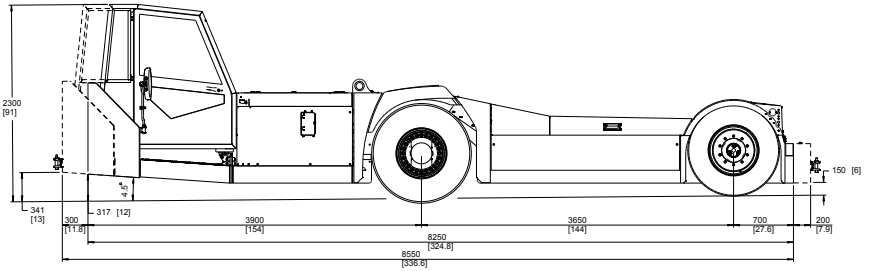
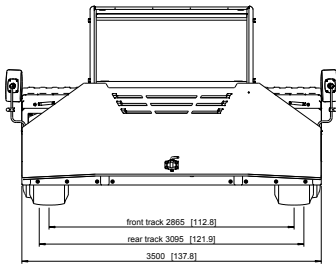
»ATLAS« AST-2E G
TECHNICAL DATA



	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	+ 35,300 lbs - 37,500 lbs (depending on the scope of options)														
MTOW	+ 776,000 lbs														
LIFTING CAPACITY	+ 84,300 lbf														

^[1] Incl. Neo versions





Dimensions in mm [inch]

96 V LITHIUM-ION BATTERY



CAPACITY

64,5 kWh (3 x 21,5 kWh) up to 14 mph	86 kWh (4 x 21,5 kWh) up to 14 mph
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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

- + 392 " or 400 " [2]

TRACTIVE FORCE

- + Automatic adaption to NLG limits
up to 27,000 lbf

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 | + 24 V backup pump ensures continuous steering pressure supply |
| + Hydraulic power steering | |
| + Steering cylinder self-venting | |

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

- | | |
|-------------------------|--------------------------------------|
| + 24 V on-board voltage | + Battery capacity 2 x 12 V / 154 Ah |
|-------------------------|--------------------------------------|

CABIN

- + 3 men cabin, optional: 1 or 2 passenger seats



OPTIONS EXAMPLES

- | | |
|-------------------------------|-------------------------|
| + Additional battery capacity | + Onboard lifting jacks |
| + Air conditioning | + Snow chains |
| + Auto-lube | + And many more |

[2] with turning seat

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