

AST-1X

TECHNICAL DATA



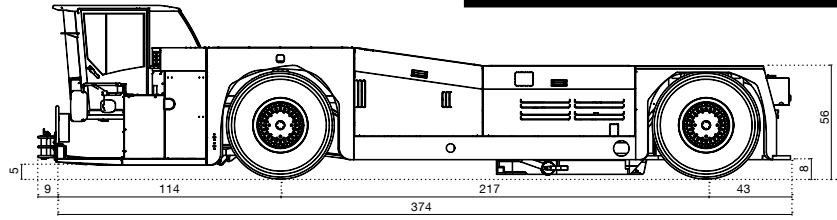
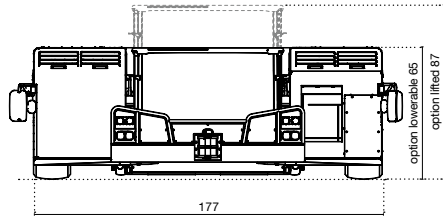
MOVING WIDEBODY AIRCRAFT:
 The AST-1X is the perfect option for just about any aircraft in the weight class of 881,000lbs-1,320,000lbs MTOW. Whether your operation demands a solution for long distance maintenance towing or simple pushback operations, the AST-1X has you covered.

	A300/A310	B767 -200/-300	B767 -400	DC-10/MD-11	A330 -200/-300/-800/-900 & A340 -200/ -300	B787	B77 -200/-200 ER/-300	A350	B777 -200 LR / -300 ER / -F	A340 -500 / -600	B747 -100 / -200 / -300 / -400	B747 -8 / -8F	A380 – 800
AIRCRAFT RANGE	•	•	•	•	•	•	•	•	•	•	•	•	•
DEADWEIGHT	+ approx. 66,100 lbs (AST-1X 530)						+ approx. 68,300 lbs (AST-1X 707)						
MTOW	+ 1,320,000 lbs												
LIFTING CAPACITY	+ 108,000 lbf												



FIND OUT MORE
 AST-1X

MADE FOR YOUR MISSION



ENGINE

	EU STAGE IIIA US TIER 3	EU STAGE IV US TIER 4F
AST-1X 530	approx. 482 hp up to 20 mph	approx. 523 hp up to 20 mph
AST-1X 707	approx. 670 hp up to 20 mph	approx. 697 hp up to 20 mph



TURNING RADIUS

+ Approx. 414 in (60°)	+ Approx. 350 in (± 30°)
------------------------	--------------------------

TRACTIVE FORCE

+ 47,700 lbf

TRANSMISSION

+ 4x4 closed loop hydrostatic drive system
--

AXLES

+ Single wheel suspension with planetary drives on each wheel hub	+ Hydro-pneumatic suspension on the front
	+ Rigid suspension on the rear

STEERING SYSTEM

+ Steering angle front 60°
+ Steering angle rear 30° (optional)

TIRES

+ Front + rear axle PR36
+ 17.5-25

BRAKES

+ Fully hydraulic 2-circuit wet-multi-disc brakes on each wheel	+ SAHR wet-multi-disc parking brake on each wheel
---	---

HYDRAULIC SYSTEM

+ Fully hydraulic steering system	+ Hydro-pneumatic front suspension
+ Fully hydraulic brake system	+ Hydraulic cabin-lift
+ Hydrostatic drive system	

ELECTRIC SYSTEM

+ Alternator 28 V/140 A	+ Engine starter 8,7 hp
+ Battery capacity 2x12 V/170 Ah	

CABIN

+ 2 men cabin,	+ Cabin lowering
+ 180° turning seat and cockpit	



OPTIONS

+ Optional all-wheel steering incl. crab-steering	+ Airconditioning
+ GPU	+ Auto-lube
	+ Lifting jacks

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

GOLDHOFER INC.

7401 Riviera Boulevard, Miramar, FL 33023, USA
Telephone: +1 954 433 5617, Fax: +1 954 433 5445
Web: www.flitelineusa.com, E-Mail: info.usa@goldhofer.com

SERVICE AND SPARE PARTS

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

MADE FOR YOUR MISSION