

AST-1X TECHNICAL DATA



MOVING WIDEBODY AIRCRAFT:

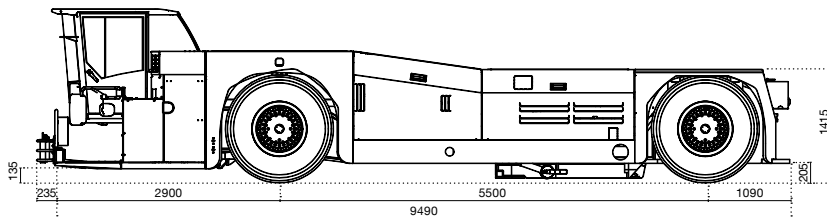
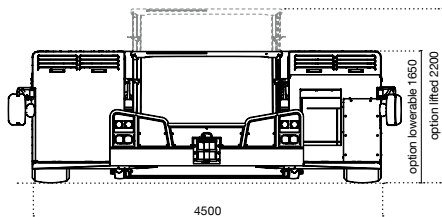
The AST-1X is the perfect option for just about any aircraft in the weight class of 400-600t MTOW. Whether your operation demands a solution for long distance maintenance towing or simple pushback operations, the AST-1X has you covered.

	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. 30t (AST-1X 530)						+ approx. 31t (AST-1X 707)						
MTOW	+ 600t												
LIFTING CAPACITY	+ 480 kN												



FIND OUT MORE
AST-1X

MADE FOR YOUR MISSION



		EU STAGE IIIA US TIER 3	EU STAGE IV US TIER 4F
ENGINE	AST-1X 530	approx. 360 kW up to 32 km/h	approx. 390 kW up to 32 km/h
	AST-1X 707	approx. 500 kW up to 32 km/h	approx. 520 kW up to 32 km/h



TURNING RADIUS	+ Approx. 10,500 mm (60°)	+ Approx. 8,900 mm (± 30°)
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TRACTIVE FORCE	+ 212 kN	
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TRANSMISSION	+ 4x4 closed loop hydrostatic drive system	
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AXLES	+ Single wheel suspension with planetary drives on each wheel hub	+ Hydro-pneumatic suspension on the front + Rigid suspension on the rear
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STEERING SYSTEM	+ Steering angle front 60° + Steering angle rear 30° (optional)	
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TIRES	+ Front + rear axle PR36 + 17.5-25	
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BRAKES	+ Fully hydraulic 2-circuit wet-multi-disc brakes on each wheel	+ SAHR wet-multi-disc parking brake on each wheel
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HYDRAULIC SYSTEM	+ Fully hydraulic steering system + Fully hydraulic brake system + Hydrostatic drive system	+ Hydro-pneumatic front suspension + Hydraulic cabin-lift
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ELECTRIC SYSTEM	+ Alternator 28 V/140 A + Battery capacity 2x12 V/170 Ah	+ Engine starter 6,5 kW
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CABIN	+ 2 men cabin, + 180° turning seat and cockpit	+ Cabin lowering
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OPTIONS	+ Optional all-wheel steering incl. crab-steering + GPU	+ Airconditioning + Auto-lube + Lifting jacks
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