

»BISON« D 1000

TECHNICAL DATA



UNDER REALISTIC CONDITIONS AT THE AIRPORT:
 With an aircraft tow tractor including 4-wheel-drive and equal weight distribution on both axles, on wet concrete (friction coefficient $\mu=0.57$), 1% apron inclination, and aircraft engines running during pushback.
 In case of different requirements please contact us for new calculations based on your specific operation conditions.

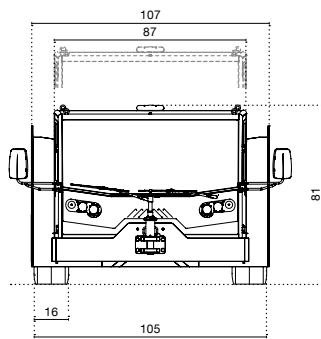
OPERATION WEIGHTS	+ 62,000 lbs 42,000 lbs 82,000 lbs 90,000 lbs 95,000 lbs 101,500 lbs max.
MTOW	+ 880,000 lbs
DRAWBAR PULL INSTALLED	+ 68,500 lbf



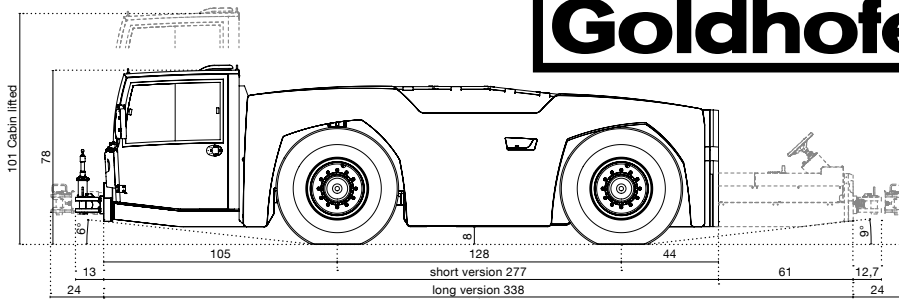
FIND OUT MORE

»BISON« FAMILY

MADE FOR YOUR MISSION



Dimensions in inch



Goldhofer



DEUTZ ENGINE

- + DEUTZ TCD 7.8 L6 200 kW
- + Fuel tank capacity max. 200l
- + EU STAGE IIIA or V
- + US EPA TIER 3 or TIER 4F



TURNING RADIUS

- + 244"
- + 250" long version

TRANSMISSION

- + 6 gears forward/3 reverse
- + Draw bar pull limiter dependent on selected aircraft type
- + ZF automatic full-power-shift transmission with integrated torque converter, manual and automatic gear-shifting mode

AXLES

- + Driven steering axles with planetary drives in the wheel hubs
- + Front and rear axles driven by full-power-shift transmission through joint shafts

STEERING SYSTEM

- + Standard 4-wheel steering
- + Front-wheel and crab steering (optional)
- + Emergency steering pump

TIRES

- + Front and rear 14.00x24

BRAKES

- + Fully hydraulic 3-circuit safety brakes
- + 2-circuit service brake
- + 1-circuit failsafe parking brake
- + Brake pad wear indicator

HYDRAULIC SYSTEM

- + Brakes and steering system
- + Cabin-lift and jacks

ELECTRIC SYSTEM

- + Alternator 28 V/100 A
- + Battery capacity 2x12 V/143 Ah
- + Engine starter 4 kw

CABIN

- CABLESS** + Full-width elevating, all-steel front cabin
- BASIC CABIN** + Comfortable driver's and passenger's seat with safety belts (third seat optional)
- + Adjustable steering column
- + Interior lights
- OPEN CAB OPTION** + Wiper-washer system for front
- + Rear-view mirrors (1 inside, 2 outside)
- + Front tow-hitch mirror
- CLOSED CAB OPTION** + Lockable doors with sliding windows
- + Cabin/windscreen ventilation and heating
- + Heated rear window with screen wiper



OPTIONS EXAMPLES

- + Cushioned tow hitch
- + Fully airconditioning system
- + Second passenger seat
- + Electrically adjustable and heated rearview mirror
- + Rear-view camera
- + Auxiliary heater Webasto with timer
- + Central lubrication system
- + Remote Control
- + 4 integrated hydraulic jacks
- + And many more

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