

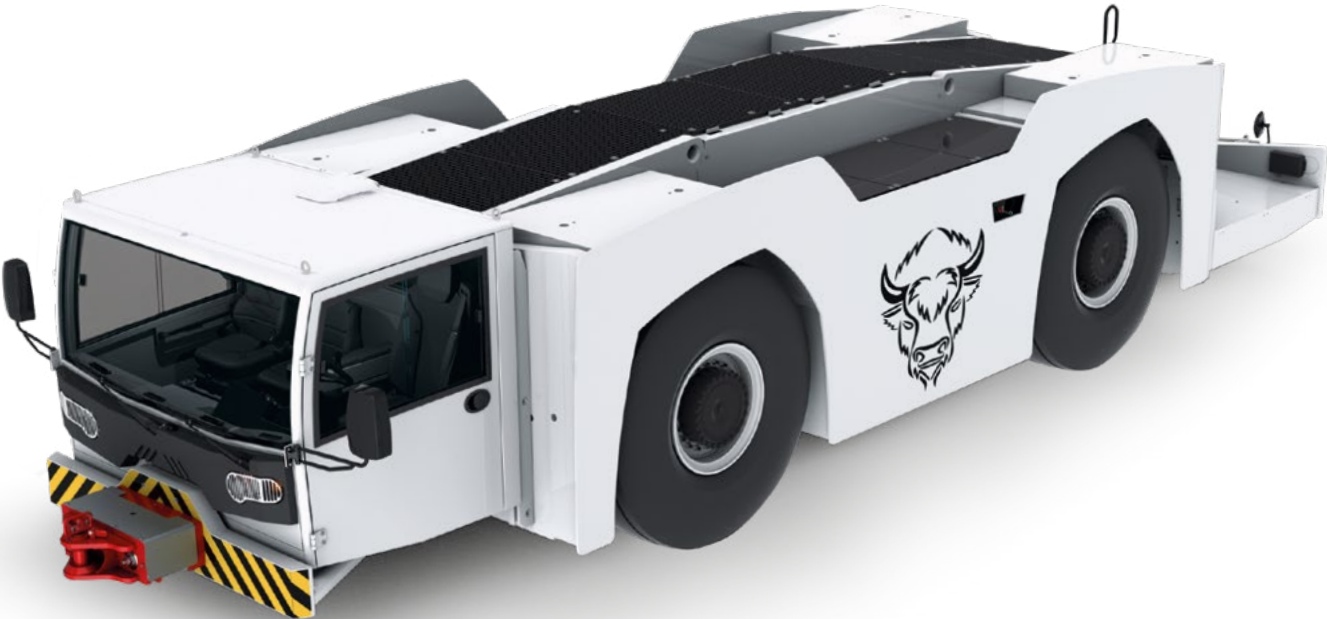
»BISON« D 1500

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.

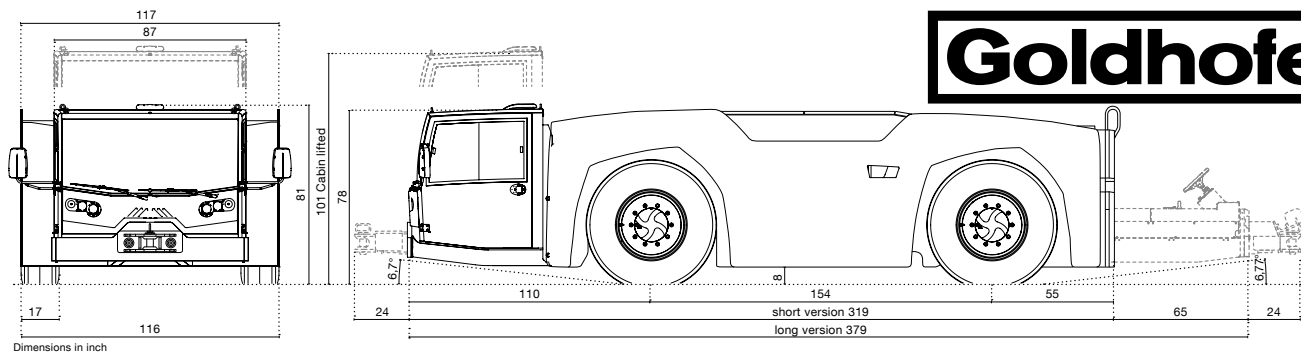
OPERATION WEIGHTS	+ 110,000 lbs 115,000 lbs 121,000 lbs 130,000 lbs 140,000 lbs 155,000 lbs max.
MTOW	+ 1,320,000 lbs
DRAWBAR PULL INSTALLED	+ 103,400 lbf ^[1]



FIND OUT MORE

»BISON« FAMILY

^[1] Depending on tire variation



Goldhofer



ENGINE

- + CUMMINS X12, 298 kW
- + DEUTZ 215V6, 300 kW
- + Fuel tank capacity max. 200 l
- + EU STAGE V
- + US EPA TIER 4F



TURNING RADIUS

- + 281"
- + 295" 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 16.00x25 ^[1]
- + Front and rear 18.00x25 ^[1]

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/110 A
- + Engine starter 7.5 kW
- + Battery capacity 2x12 V/225 Ah

CABIN

- CABLESS
- BASIC CABIN
- + Full-width elevating, all-steel front 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
- + Aircondition 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

[1] Depending on vehicle weight

GOLDHOFER AKTIENGESELLSCHAFT

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

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

MADE FOR YOUR MISSION

Subject to technical progress and regulations in force, we reserve the right to change the above specifications. Data +/- 3%.

»BISON« D 1500 | 01/2025-EN | IMPERIAL