

»BISON« D 1000 TECHNICAL DATA

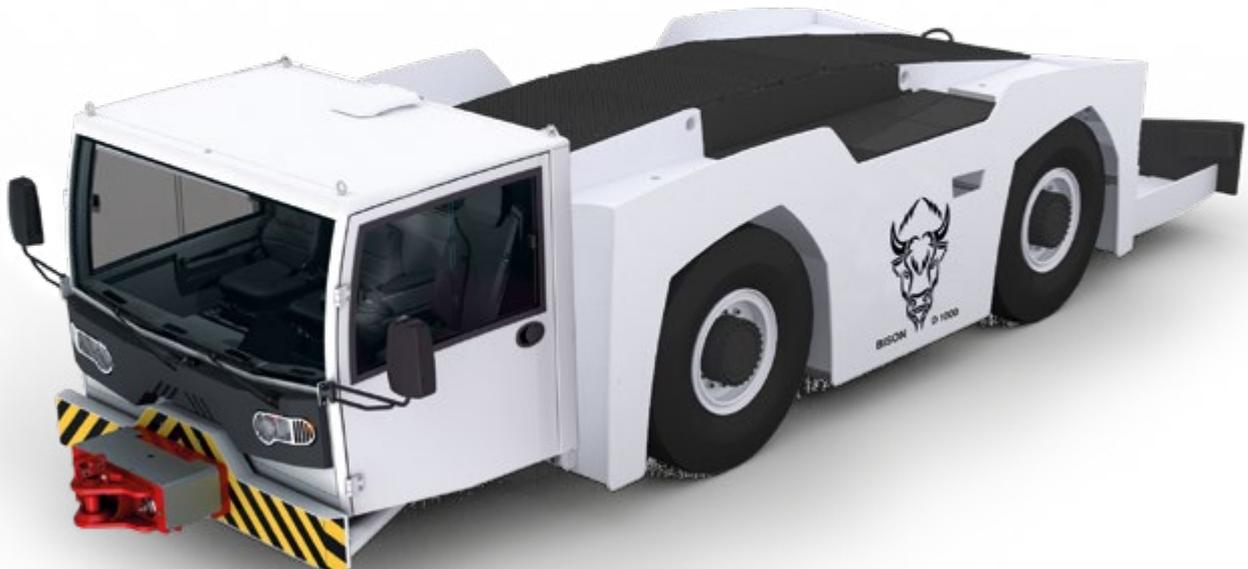


UNDER REALISTIC CONDITIONS AT THE AIRPORT:

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.

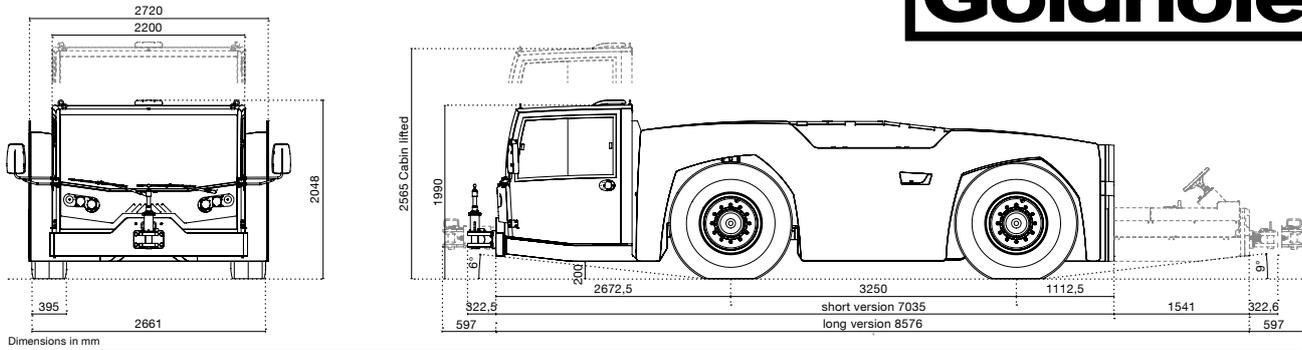
In case of different requirements please contact us for new calculations based on your specific operation conditions.

OPERATION WEIGHTS	+ 28 t 32.5 t 37 t 41 t 43 t 46 t max.
MTOW	+ 400 t
DRAWBAR PULL INSTALLED	+ 305 kN



FIND OUT MORE
»BISON« FAMILY

MADE FOR YOUR MISSION



Dimensions in mm

	DEUTZ ENGINE	+ DEUTZ TCD 7.8 L6 200kW	+ EU STAGE IIIA or V
		+ Fuel tank capacity max. 200 l	+ US EPA TIER 3 or TIER 4F
	TURNING RADIUS	+ 6,187 mm	+ 6,340 mm long version
		TRANSMISSION	+ 6 gears forward/3 reverse
	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	+ Emergency steering pump
		+ Front-wheel and crab steering (optional)	
	TIRES	+ Front and rear 14.00x24	
	BRAKES	+ Fully hydraulic 3-circuit safety brakes	+ Brake pad wear indicator
		+ 2-circuit service brake	
		+ 1-circuit failsafe parking brake	
	HYDRAULIC SYSTEM	+ Brakes and steering system	+ Cabin-lift and jacks
	ELECTRIC SYSTEM	+ Alternator 28 V/100 A	+ Engine starter 4 kW
		+ Battery capacity 2x12 V/143 Ah	
	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	+ Wiper-washer system for front	
	OPTION	+ Rear-view mirrors (1 inside, 2 outside)	
		+ Front tow-hitch mirror	
	CLOSED CAB	+ Lockable doors with sliding windows	
	OPTION	+ Cabin/windscreen ventilation and heating	
		+ Heated rear window with screen wiper	
	OPTIONS EXAMPLES	+ Cushioned tow hitch	+ Auxiliary heater Webasto with timer
		+ Aircondition system	+ Central lubrication system
		+ Second passenger seat	+ Remote Control
		+ Electrically adjustable and heated rearview mirror	+ 4 integrated hydraulic jacks
		+ Rear-view camera	+ Two front wheel steering
			+ And many more

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