

## »BISON« D 620 TECHNICAL DATA



### UNDER REALISTIC CONDITIONS AT THE AIRPORT:

With an aircraft tow tractor optional 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.

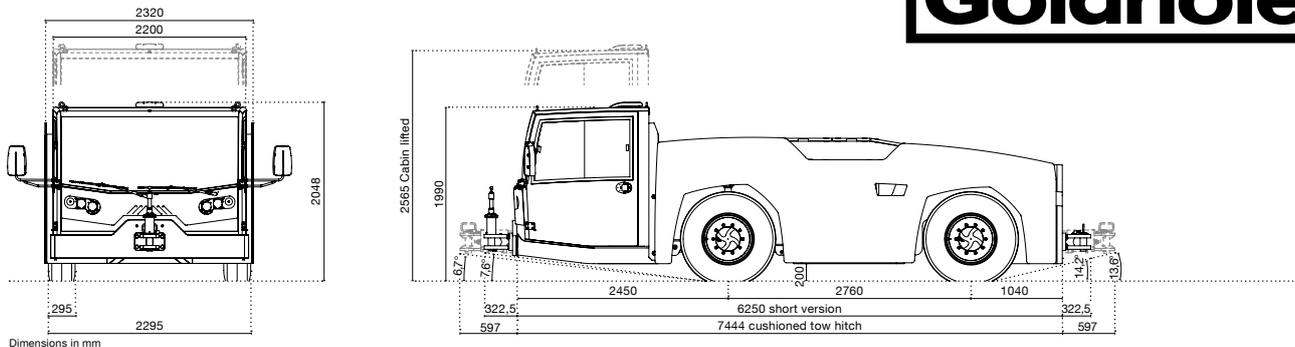
In case of different requirements please contact us for new calculations based on your specific operation conditions.

<b>OPERATION WEIGHTS</b>	+ 24 t   28 t max.
<b>MTOW</b>	+ 250 t
<b>DRAWBAR PULL INSTALLED</b>	+ 205 kN



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»BISON« FAMILY

**MADE FOR YOUR MISSION**



Dimensions in mm

	<b>DEUTZ ENGINE</b>	+ DEUTZ TCD 4.1 L4 115 kW	+ EU STAGE IIIA or V
		+ Fuel tank capacity max. 135 l	+ US EPA TIER 3 or TIER 4F
	<b>TURNING RADIUS</b>	+ 6,027 mm	
	<b>TRANSMISSION</b>	+ 6 gears forward/3 reverse	+ ZF automatic full-power-shift transmission with integrated torque converter, manual and automatic gear-shifting mode
		+ Draw bar pull limiter dependent on selected aircraft type	
	<b>AXLES</b>	+ Driven steering axles with planetary drives in the wheel hubs	+ Front and rear axles driven by full-power-shift transmission through joint shafts
	<b>STEERING SYSTEM</b>	+ Standard front-wheel steering with rigid rear axle	+ Emergency steering pump
		+ Comfort steering (front-wheel, 4-wheel and crab steering, optional)	
	<b>TIRES</b>	+ Front and rear 310/80R 22.5	
	<b>BRAKES</b>	+ Fully hydraulic 2-circuit safety internal brake system	+ Emergency parking-brake release by electrical emergency pump
		+ 1-circuit failsafe parking brake	
	<b>HYDRAULIC SYSTEM</b>	+ Brakes and steering system	
	<b>ELECTRIC SYSTEM</b>	+ Alternator 28 V/100 A	+ Engine starter 4 kW
		+ Battery capacity 2x12 V/110 Ah	
	<b>CABIN</b>	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	
	<b>OPTIONS</b>	+ Cushioned tow hitch	+ Auxiliary heater Webasto with timer
	<b>EXAMPLES</b>	+ 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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