

»BISON« FAMILY FUTURE-PROOF AIRCRAFT TRACTORS



The migthy »BISON« family comprises a whole range of conventional aircraft tractors to handle any aircraft. Even the toughest tasks and climate conditions can't bring this impressive heavyweight down. With its agility no airport environment is too challenging.

This modular concept may be equipped with either a diesel or an electric drivetrain. The wide range of options available not only allows you to customize the perfect fit for your operation, but also helps you reduce TCO by minimizing maintenance efforts and spare parts storage.





MODULAR PLATFORM OVERVIEW

Customize your vehicles to fit your individual needs!
The »BISON« offers maximum utility in your daily ground handling operation.

Choose between different sizes, drive trains, motor power and cabs. Benefit of a well-thought-out operattion and take advantage of a well engineered operation system throughout the whole range, which ensures maximum safety.

- + Identical parts save storage and costs
- + Find the perfect size and power for your operations
- + Flexible ballasting allows individual configuration according to the respective application









CABLESS OPEN CAB

»BISON« CABIN

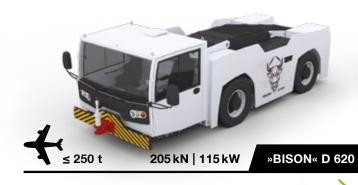




»BISON« E 370

≤ 895 Nm | 105 kN ≤

≤ 100 t





»BISON« E 620

≤ 895 Nm | 205 kN

≤ 250 t





MODULAR PLATFORM 05







- + Count on »BISON« during every shift for the long haul
- + Large tank as well as »IonMaster« technology is adequate for a two-shift operation
- + Maintenance interval of 1,000 h and low effort allows maximum availability

SIMPLE OPERATION

- + Same operation of all tractor sizes reduces time spent for trainings and improves safety
- + Less repair effort due to easy, safe and ergonomic operation
- + Display shows plain text of any incidence



- + High quality components ensure optimum and long-term availability
- + The smart ballasting concept allows individual configuration even if tasks change
- + Retrofit an operator platform or change diesel to electric



ERGONOMICS & SAFETY

- + Well thought-out cockpit with ergonomic operation and seating position
- + Cabin with optimized view onto the couplings

MAXIMUM PERFORMANCE 07









CABIN OPTIONS FOR FLEXIBLE CONFIGURATION



CROSS OVER PARTS FOR CONVERSION TO »BISON« E



»BISON« D 370 75 kW | 105 kN | MTOW ≤ 100 t

08 AIRPORT TECHNOLOGY





- + Incidents shown as plain text in the multi-function display
- + Easy acces of preventive maintenance components
- + Time-saving work processes and 1,000 h maintenance interval
- Optimized hydraulic system with reliable gear pumps for long life use
- + Cardian shaft no greasing required



REDUCED CONSUMABLES

- + Simplified fluid maintenance
- + Less storage and effort when changing
- + Environmentally friendly and cost-saving
- + Individual hydraulic fluid tanks for both steering and braking



VEHICLE-SPECIFIC ADVANTAGES

- + Leaf suspension specially developed for »BISON« D
- + Reduced maintenance effort through use of rubber bushing
- + No lubrication required
- + 3 different types of cabin design: cabless, open cab, closed cab



»BISON« D 620 115 kW | 205 kN | MTOW ≤ 250 t **»BISON« D 1000** 200 kW | 305 kN | MTOW ≤ 400 t »BISON« D 1500
298 kW | 490 kN | MTOW ≤ 600 t
EU STAGE V

VALUE FOR YOUR MONEY 09



GOLDHOFER »IONMASTER« TECHNOLOGY THE »BISON« E





MODULAR EXPANDABLE BATTERY SYSTEM



CABIN OPTIONS FOR FLEXIBLE CONFIGURATION



MAINTENANCE FREE MAIN COMPONENTS



- Integrated battery managemet including active temperature management and heat pump for maximum battery lifetime
- + Modular and expandable battery to serve your requirements efficiently
- + 400 V lithium-ion battery tried and tested in automotive for maximum power and lifetime
- + Opportunity charging for multi-shift operation
- + Electric drivetrain, electric motor, battery, inverter and heat pump maintenance free



Goldhofer advises four different charging options due to the size of your fleet:

- + On-board charger no separate charging infrastructure necessary
- + Standard charging station
- + Intermediate wallboxes allow you to charge several »BISON« E the same time
- Intelligent wallboxes
 recognize how many »BISON« E are connected and
 how much charging they need.
 Loading speed and loading capacity can be adjusted.



VEHICLE-SPECIFIC ADVANTAGES

- + Extremely low maintenance effort
- + Product platform for the entire »BISON« range
- + Modular battery system makes the perfect match



»BISON« E 370 ≤ 895 Nm | 105 kN | MTOW ≤ 100 t **»BISON« E 620** ≤ 895 Nm | 205 kN | MTOW ≤ 250 t

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»BISON« FAMILYGET IN TOUCH WITH US!

GOLDHOFER AIRPORT TECHNOLOGY

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TECHNICAL DATA SHEETS



»BISON« D 370



»BISON« E 370



»BISON« D 620



»BISON« E 620



»BISON« D 1000



1000 »BISON« D 1500