

»SHERPA« FAMILY MODULAR DESIGN FOR CARGO TOWING AND PUSHBACK

CARGO AND PUSHBACK TOW TRACTORS



MADE FOR YOUR MISSION

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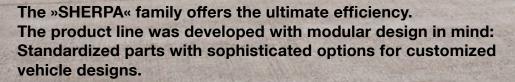
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»SHERPA« FAMILY COMPACT POWERHOUSES FOR SUSTAINED USE.

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SHERPA



Long maintenance intervals save money and ensure operational readiness.



MODULAR PLATFORM



MAXIMUM PERFORMANCE

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INDIVIDUAL VALUE



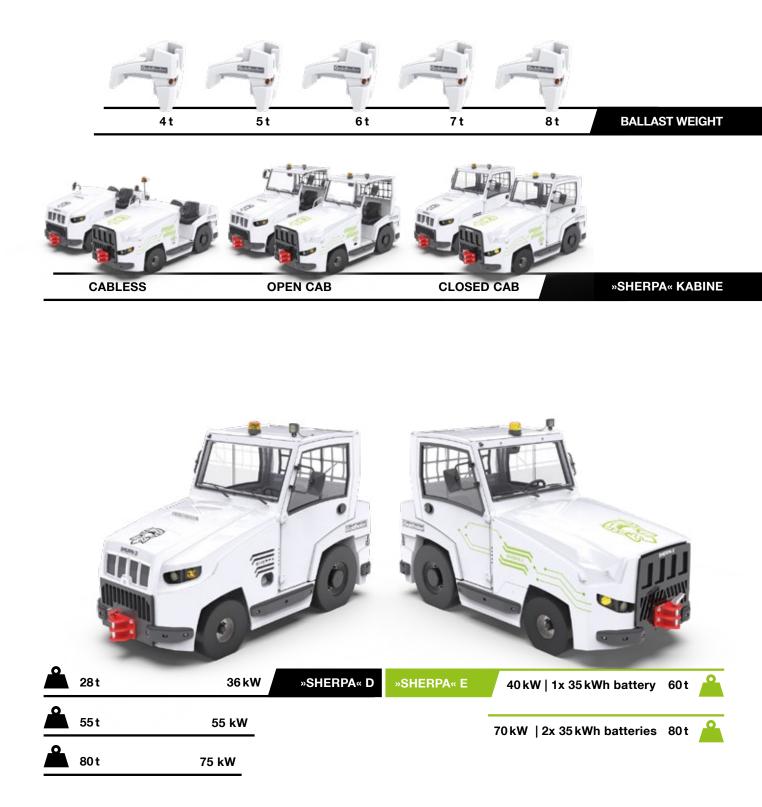
MODULAR PLATFORM OVERVIEW

»SHERPA« D and »SHERPA« E provide powerful and reliable support for a wide range of tasks on the Airport apron.

While the »SHERPA« E offers the same comfort, safety, and performance benefits as diesel vehicles, it can be operated as an environmentally friendly alternative, and even indoors.

- + Compact design and cabin variants: cabless, open cab and closed cab
- Geared to your needs:
 Whether with diesel engine or e-power train and modular battery system
- Same vehicle different weights:
 Optimal traction and pulling force thanks to ballast weights of 4-8t, with maximum maneuverability

SHERPA





MULTI-PURPOSE BUSINESS JET PUSHBACK

For small airports specializing in handling private jets, flexible equipment is crucial – it must be safe and reliable in all functions.

That is why we developed the »SHERPA« to not only be used as a cargo tractor, but also to be capable of moving aircraft up to 50 t MTOW.



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MAXIMUM PERFORMANCE COUNT ON »SHERPA«

»SHERPA« impresses in all aspects of cargo handling. The tractor performs particularly well in the following categories:

- + Performance
- + Reliability
- + Safety
- + Ergonomics
- + Environmental friendliness

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PERFORMANCE & ERGONOMICS

- + All »SHERPA« models offer uniform operation
- + Extremely quiet operation
- + Even on a 3% incline, loads of up to 50t can be handled with ease
- + The different drive trains allow speeds of up to 30 km/h



- + The tried-and-tested front axle with optimized suspension enables excellent maneuverability
- + A dual circuit braking system and a separate parking brake ensure maximum safety
- + Sophisticated cockpit with simple operation and ergonomic seat position



- + Robust, long-lasting components made by quality manufacturers
- + Minimal maintenance for long-term operational availability





INDIVIDUAL VALUE THE »SHERPA« D





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UP TO 1,000 h MAINTANENCE INTERVAL CABIN OPTIONS FOR FLEXIBLE CONFIGURATION



MAINTENANCE FREE COMPONENTS



36 kW Max towed load ≤ 28 t EU STAGE IIIA

DIAGNOSTICS AND MAINTENANCE

- + Information and error messages as plain text in the multifunction display
- + Parking brake as spring-loaded disc brake on the axle mount
- + Maintenance hatch in the cabin foot well for easy access to filter, transmission, oil gauge, and filler neck
- + Disc brakes on front and rear axle do not require adjustment or readjustment
- + Optimized hydraulic system with reliable gear pumps for long-term use
- + Lubrication-free drive shaft



- + In use on every continent and in all environmental conditions, from -20 °C to +50 °C
- + Three cabin designs: Cabless, open cab, closed cab
- + Small turning radius of 3.95 m



- + Various engine power classes
- + Leaf spring suspension developed specially for the »SHERPA« with high suspension comfort
- + 360° view from the cabin



55 kW* Max towed load ≤ 55 t EU STAGE IIIA | EU STAGE V 75 kW* Max towed load ≤ 80 t EU STAGE IIIA | EU STAGE V »SHERPA« D





INDIVIDUAL VALUE THE »SHERPA« E





»IONMASTER« TECHNOLOGY

- Active thermal management for cabins and all high-voltage components: Heating and cooling for optimal temperature conditions, even during charging, for long battery life
- + Modularly expandable battery system, configurable for individual deployment requirements
- + Commercial vehicle industry tried-and-tested 400 V lithium-ion batteries for certified, maximum safety, ultimate performance, and service life



- All standard charging plugs available: CCS Typ 1, CCS Typ 2, CHAdeMO and GB/T
- + Infrastructure consulting on charging points
- + Rapid DC charging and intermediate charging at up to 70kW
- + Optional AC charging at up to 22 kW

- + Electric power train, electric engine, battery, thermo module, and inverter are maintenance-free
- + Second-life applications for battery systems possible, e.g. as stationary storage systems



- + Three cabin designs: Cabless, open cab, closed cab
- + Small turning radius of 4.12 m
- + Can be used in all climate conditions in temperatures ranging between -20 °C and +50 °C
- + 360° view for the driver
- High-voltage components cooled by environmentally sustainable water glycol mixture: Consistent performance, even under extreme environmental conditions



»SHERPA« E Max towed load ≤ 60 t 40 kW | 1x 35 kWh battery 35 kN Drawbar pull »SHERPA« E Max towed load ≤ 80 t* 70 kW | 2x 35 kWh batteries 45 kN Drawbar pull



»SHERPA« FAMILIE ONE VEHICLE FOR CARGO AND PUSHBACK!







»SHERPA« FAMILY CONTACT US!

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TECHNICAL DATASHEETS





»SHERPA« D

»SHERPA« E

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