

INNOVATIONS

FRUEHAUF
Designed to last



ECONOMIES, PRODUCTIVITY AND SAFETY

www.fruehauf.com/innovations

ECONOMIES, PRODUCTIVITY AND SAFETY

BY CONTINUOUS INNOVATION

Always ready to listen to all the operators, Fruehauf develops permanently new innovative and efficient equipment, to increase productivity, for greater economies and to enhance safety :

- Protection of persons and of equipment
- Monitoring of pressure and temperature of tyres
- Reduction of fuel consumption
- Adaptation to new transportation needs

This new equipment provides key competitive advantages.





PROTECTION OF PERSONS AND EQUIPMENT



■ RCP® - Reverse Collision Protection

Active safety during reverse manoeuvres

This system automatically applies the brakes as soon as an obstacle is detected behind the vehicle and stops it completely avoiding collision.



■ SafeParking® - Automatic Parking Brake

Prevents from any risk of trailer movement during coupling

SafeParking is a safety device applying automatically the parking brake. This eliminates the risk of the trailer rolling away while connecting the brakes.





■ **M&B Inside®** - Raise & Lower command Inside

Safety and ease in the adjustment to dock height

The R & L command inside allows to position the trailer and keep it at the correct dock level. A specific control panel placed in the doorframe pilots the air suspension of the vehicle. For safety reasons the suspension automatically returns to ride height above 15 km/h.



■ **MultiFix** - Multiple lashing positions on the sideraves

Easy and efficient lashing

The MultiFix sideraves are pierced and adapted to affix all types of tiedown straps. Cargo lashing is possible from the inside of the vehicle with curtains closed. This equipment can be completed by various lashing and cargo retaining systems.



MONITORING OF THE TYRES

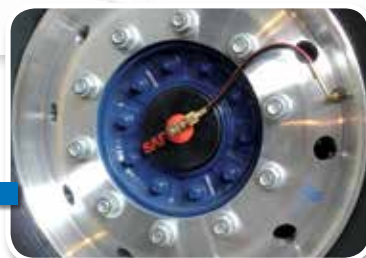


■ **APCS**[®] - Automatic Pressure Control System

The optimum tyre pressure for enhanced economies and safety

1,5 bar of loss of pressure equals an additional 2L/km of fuel, and 30% more tyre wear and 85% of tyre blow out causes.

The APCS system automatically maintains the optimal tyre pressure by means of a supercharger controlling and permanently compensating the loss of pressure.



■ **TPMS** - Tyre Pressure and temperature Monitoring System

Just in time transport with no risk of standstill due to a breakdown

The TPMS sensors permanently check and detect any loss of pressure or mechanical failure causing a rise in temperature.

This information is relayed onto the truck dashboard or by telematics to take immediate corrective action before a breakdown.



A SOLUTION FOR EVERY NEED



■ City

Steering single axle trailer

The ideal solution for distribution in urban areas.

With the new CITY trailers delivery of heavy or voluminous goods in urban areas becomes possible.

City trailers are an advantageous substitution to the traditional 4 x 2 and 6 x 2 trucks.

Thanks to the steered axle and the reduced wheelbase, this trailer follows in the tracks of the truck within a confined space.



■ MaxiSpeed Easy

The polyvalent curtainsider

The MaxiSpeed EASY is the solution for a large variety of cargo flows, from the maxi volume of the automotive industry to the maxi weight of full trailer loads.

Variable coupling height, from the 950mm MEGA height to the traditional 1100mm, keeping 22,5" wheels.

Roof liftable for loading and height adjustable from 2,75m to 3,05m within the European 4m overall height.



REDUCTION OF FUEL CONSUMPTION



■ Telematics

Remote retrieval of the onboard data information

Follow-up in real time.

Warning messages or direct access to all the vehicle data; location, technical failures, temperature and pressure of the tyres, slow pressure loss before blow out, allows to pilot and control the major operational expenses.



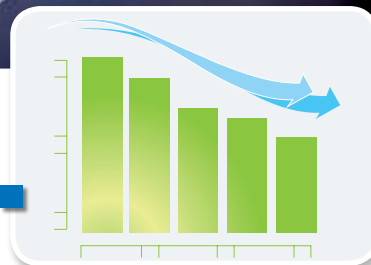
■ Aerodynamics

Transporting better, consume less fuel

Fruehauf has made aerodynamic research a strategic axis of development.

The major part of the vehicles will progressively be fitted with aerodynamic equipment with which a real reduction of fuel consumption can be achieved.

The side deflectors or tail end air flow channels will be available soon and will contribute efficiently to the reduction of fuel consumption and CO₂ emission.



Your Fruehauf distributor

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