



Flexcover Combi Plus

Transportation system

Flexcover Combi Plus – Study 2017



Filling and emptying activated by remote control.

Extra runs instead of empty runs

With the new Flexcover Combi Plus prototype, we present another flexible transportation system to add to our Industrial & Agriculture product range. Following on from the Flexcover Combi for tipping trailers, the focus is now on avoiding "empty runs". The Flexcover Combi Plus solution features an aluminium truck tipper body with a modular extension incorporating a flexible storage bag to allow alternate journeys with liquids and solids.

Innovative character

Without the extension, the truck tipper body offers a volumetric capacity of approx. 50 m³ for solid bulk materials. The new system – in which the standard tailgate is replaced by a pump installation and storage bag – allows the alternate transportation of solids and liquids without conversion. Use of a high-strength PVC membrane with high chemical resistance enables the container to accommodate not only liquid manure, but also liquid fertilisers, pesticides, brine solutions and many other liquids. The installed system entails no reduction in the volumetric capacity of the tipper



Rotary lobe pump with 6,000 U/min capacity, connected via swivel coupling.

body for solids. The volume tailgate adds approx. 50 cm to the truck body length, thereby ensuring that it remains compact and manoeuvrable. The volume tailgate is quick and easy to dismantle for replacement by a standard tailgate that frees up an additional payload of 1.000 kg.





Agricultural Machinery

Flexcover Combi Plus



The manure bag volume is adapted to the maximum payload.

System benefits

- Avoidance of empty runs by alternating load types
- System tailgate replaceable by standard tailgate to increase payload for seasonal produce
- Economic and ecological benefits
- No interference with tipping action
- Volume tailgate openable to 90° for unloading
- Transportation of pallets, straw and similar loads
- Low loading height of approx. 3.60 m
- Remote control operation
- Manure agitation function

Technical specifications

Tipping semitrailer with aluminium tipper body

Fifth wheel height:	1,150 mm (laden)
Weight:	Approx. 5,950 kg (with standard tailgate) Approx. 7,200 kg (with system tailgate)
Loading length:	Approx. 9,000 mm
Loading height:	Approx. 3,630 mm
Volumetric capacity:	Approx. 50 m ³
Axles:	3 SAF disc brake axles
Suspension:	SAF air suspension <ul style="list-style-type: none"> • With bellows pressure gauge at front on chassis • With lifting and lowering valve
Axle lift:	Axle lifts on first axle with traction assist
EBS:	WABCO EBSE braking system with RSS
Lighting system:	LED multi-chamber lights LED reversing lamps
Landing gear:	Aluminium drop legs
Kingpin:	2"
Tipper body:	7 mm thick floor

Flexcover Combi Plus system – prototype

With additional, automatically opening, standard aluminium tailgate with slider and dust bag; replaceable with forklift/telescopic handler and with support legs for both tailgate models
With HUESKER Flexcover Combi Plus textile liquid tank, roll-out by pumping system, roll-up hydraulically; partition then makes vehicle suitable for solids transportation
With Börger FL1036 pump – 6,000 l/min <ul style="list-style-type: none"> • With MIP casing liners • Weight optimization
With swivel coupling, 6" feed pipes
With visual and acoustic „Container full“ signal
With gate valve system for filling and emptying with external pump
With remote control for 3 functions: <ul style="list-style-type: none"> • „Open/close tailgate“ • „Fill/empty internal pump“ • „Fill/empty external pump“
With manure agitation function

Various options on request.



For further details, please visit HUESKER Germany on YouTube and watch „Flexcover Combi Plus / 2017 Study“.

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HUESKER Synthetic is certified to ISO 9001, ISO 14001 and ISO 50001.