Systems and Solutions for Silos and Tankers

Landing gears with variable bolting heights, crank handles, connection shaft-lengths and foot types, special landing gears for special applications

King pins
2" and 3 ½" king pins with a conical or plate-shaped flange

Ball bearing turntables
Ball bearing turntables and slewing rings in a wide range of sizes and versions

Container technology
Components for intermodal transports, supports, twist locks and bolsters, swap body lifting devices, guide roller bearings and bearings

Hubodometers
Used to calculate distance driven, independent of the truck

Axle systems
Wide range of weight-saving trailer axles with additional special equipment

Fifth wheel couplings and systems
2" and 3 ½" fifth wheel couplings in a variety of construction heights, bearing types and versions, mounting plates, sliders and dual-height fifth wheel systems; sensor-controlled systems for the coupling procedure between truck and trailer

Drawbars and towing eyes
Drawbars and towing eyes as well as custom-made products for on and off-road usage

Road traffic
Open-end, hook and ball towing hitches, suspension elements, VARIOBLOCK alternating system and special models

Agriculture
Open-end, hook and ball towing hitches, height adjustable brackets and clutch carriers for agriculture and forestry

Steering systems
Axel-independent or manufacturer-independent mechanically, hydraulically and electronically controlled steering systems for trailers

Axle suspensions
Air suspension or hydraulically suspended axle suspensions for on and off-road usage

Vehicle-mounted hydraulic systems
Front end, underbody and tipping ejector cylinders for trucks and trailers/trailer tippers

Customer-specific hydraulic component kits
Hydraulic component kits for various applications, chassis-specific hydraulic container component kits
Higher payloads with JOST!

In tankers and silo trucks, it is especially vital that all components are as lightweight as possible, to enable higher payloads. On the other hand, material optimisations cannot be allowed to impair quality. That is why JOST is the logical choice!

**CS „Ultra“ –**
The lightest and most durable range of telescopic cylinders in the world
- Up to 100kg weight saving against competition
- Optimised tube sections
- New lightweight trunnion
- New low friction bearings provide smoother lowering
- Large contact faces and a brass coating on the sliding bearings allow fast tipping
- Market leading safety standards
- High strength materials & cutting edge production processes

Reduce weight and maintenance costs with JOST

**Modul CA – Aluminium landing gear**
- Weight-optimised
- Low maintenance – due integrated lubricant cartridge – no need to lubricate the spindle
- Continuous back plate for high variability during installation
- Innovative A-foot with a large contact area and a particularly long drift
- Also available with two side operation and special crank

Silo expertise from one source
The huge range of tanker and silo trucks on the road today is reflected by JOST World’s extensive product range of high-quality and optimised components for these vehicles.
Systems and solutions for silos and tankers

**Inclinometer – tip with safety**
- Continual monitoring of tipping angle during operation reduces the risk of accidents
- Tip lock out facility prevents tipping on side inclines above a user defined angle
- Optimised driver safety to reduce risk of injury
- Obviation of potential claims

**Edbro**

*Edbro has been a market leader in vehicle-mounted hydraulic systems for commercial vehicles since 1916 and continues to develop and market a number of useful safety systems.*

**RO*430 – 40 mm/RO*530 – 50 mm towing hitch - with buffers and dampened**
- Ideally suited to vehicles transporting liquids
- Modular upgrades available
- Proven security system guarantees optimum force influence
- Easy to repair thanks to the ROCKINGER modular system
- Can be uncoupled in every funnel position
- Very little wear and tear

---

The long-established brand offers an extremely versatile, high-quality and reliable product range.
Modul CS – stabilising leg

- Support while unloading for liquid and bulk tippers (rear)
- Levelling due to two separate landing gears
- Low maintenance because of integrated lubricant cartridge
- High degree of installation variability thanks to double bolt hole pattern
- Minimal risk of accidents with additional spindle nut
- Secure stand due to reinforced rigid foot
- Reinforcement for maximum bending strength

Twist lock for container tipping chassis

Front lock (Pos. A)
- Guide bush turned through 90
- Housing is mounted to the front cross-beam, facing backwards
- Latch can be mounted left or right as required

Back Lock (Pos. B)
- Higher, reinforced head of locking pin
- Forged guide bush
- Latch easily visible from the side
- Increased safety via shear plate
- Increased stability via side panel
- Indicator for locking pin position
JOST, Germany Tel. +49 6102 295-0, jost-sales@jost-world.com, www.jost-world.com

**JSK 34 – super lightweight fifth wheel coupling**
- Weight-optimised 2” cast fifth wheel coupling – up to 40 kg less weight
- Optional low-maintenance variant with plastic top-plate liners or integrated LubeTronic 5Point central lubrication system
- Safe – well known JOST sensor technology as an option

**DCA AIRMASTER – weight optimised axle**
- The first and only trailer axle that stores compressed air
- 50 kg weight saving thanks to lack of compressed air tank
- Stores compressed air for the brakes and air suspension in the axle housing
- Allows entirely new vehicle concepts
- Tested and approved for all European markets
- All axles are suitable for on and off-road use
- Suitable for all torsion-free bodies

**WEIGHT OPTIMISER 27 – forged aluminium air bellows support**
- Weight saving of 9 kg per axle means 27 kg per trailer
- The WEIGHT OPTIMISER 27 is designed for all common track widths on trailers, from classic curtain-siders to tankers, tippers and other vehicles
- The WEIGHT OPTIMISER 27 has passed the tough testing criteria of the DCA series for durability and extreme accidental overload to guarantee the familiar quality of this JOST product
3 Landing gears
Landing gears with variable bolting heights, crank handles, connection shaft-lengths and foot types, special landing gears for special applications

2 King pins
2” and 3 ½” king pins with a conical or plate-shaped flange

6 Ball bearing turntables
Ball bearing turntables and slewing rings in a wide range of sizes and versions

7 Container technology
Components for intermodal transports, supports, twist locks and bolsters, swap body lifting devices, guide roller bearings and bearings

5 Hubodometers
Used to calculate distance driven, independent of the truck

4 Axle systems
Wide range of weight-saving trailer axles with additional special equipment

1 Fifth wheel couplings and systems
2” and 3 ½” fifth wheel couplings in a variety of construction heights, bearing types and versions, mounting plates, sliders and dual-height fifth wheel systems; sensor-controlled systems for the coupling procedure between truck and trailer

8 Road traffic
Open-end, hook and ball towing hitches, suspension elements, VARIOBLOCK alternating system and special models

9 Drawbars and towing eyes
Drawbars and towing eyes as well as custom-made products for on and off-road usage

10 Agriculture
Open-end, hook and ball towing hitches, height adjustable brackets and clutch carriers for agriculture and forestry

11 Steering systems
Axle-independent or manufacturer-independent mechanically, hydraulic and electronically controlled steering systems for trailers

12 Axle suspensions
Air suspension or hydraulically suspended axle suspensions for on and off-road usage

13 Vehicle-mounted hydraulic systems
Front end, underbody and tipping ejector cylinders for trucks and trailers/trailer tippers

14 Customer-specific hydraulic component kits
Hydraulic component kits for various applications, chassis-specific hydraulic container component kits

Member of JOST -World

JOST, Germany Tel. +49 6102 295-0, jost-sales@jost-world.com, www.jost-world.com