

FLATLINER

Langendorf Innenlader SB3
for transporting precast elements



The Langendorf Flatliner is the ideal tool for precast transportation. It can supply you with:

- increased transportation efficiency
- improved safety standards
- substantially lower costs

The Flatliner helps to eliminate:

- costly building delays
- the double handling of materials on-site
- the disruption and waiting for trailers and cranes
- the need to escort oversized loads
- issues and challenges involving stability and safety for oversize and fragile goods
- interruptions to manpower and equipment

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The generations

1979 until 1994



One of the first Concrete Innenladers, generation SB1

until 2005



Generation SB2, a successful model delivered to many countries of the world

Current features

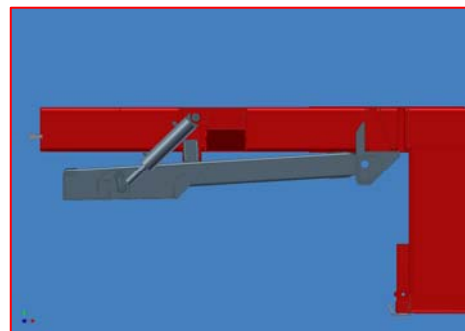
- **Chassis**

- Loading width 1.530 mm
- Loading length 9.500 mm



- **Gooseneck**

- Rear turning radius 2,300 mm
- One design for fifth wheel heights from 1,150 mm - 1,300 mm



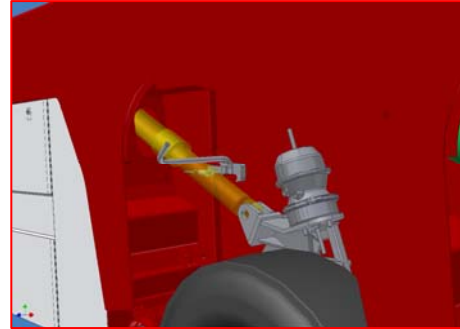
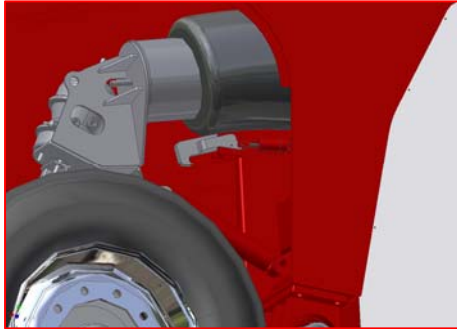
Fifth wheel height 1150mm: +200/-360
 Fifth wheel height 1200mm: +250/-310



Fifth wheel height 1,250 mm: +230/-355
 Fifth wheel height 1,300 mm: +280/-305

- **Axles**

- hydraulic load compensation or with air suspension
- own design



- **Back door**

- Protects illumination
- Optimized to securing unloaded flats

Securing of unloaded flat



- **Side protection**

- Easy handling and access to control panel and brake system





Advantages

1. Advantages of the Langendorf Innenlader

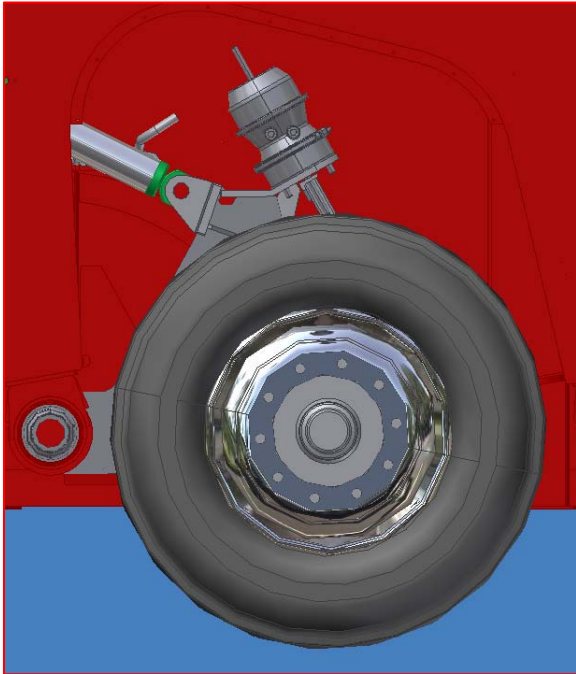
- Designed for transporting prefab concrete parts without compromise
- Excellent relation between payload and tare weight by using high-quality material (e.g. high tensile steel for the chassis)
- Axle design with high lifting capacity, alternatively with air suspension or with hydraulic axle compensation
- Suitable for 2 or 3 axle tractors
- Complete standard equipment (e.g. side protection with integrated tool compartment etc.)

2. Langendorf advantages

- + 30 years of Innenlader experience
- All components made in strictly controlled own production or from well known suppliers (axles: BPW, hydraulic cylinders: Neumeister, etc.)
- Long lifetime
- Little loss of value
- Low maintenance costs
- Complete safety equipment
- Solid and professional workmanship, also in details

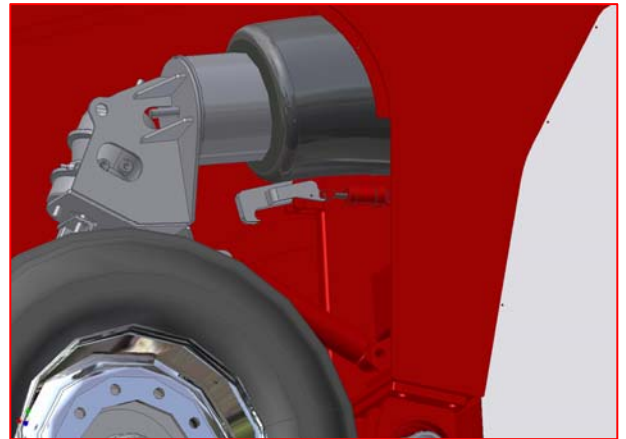
Options (examples)

- Hydraulic axle compensation



alternatively

- Air suspension



- Loading platform above the goose neck



- Hydraulically or manually operated load fastening device, suitable for fastening the load in various positions



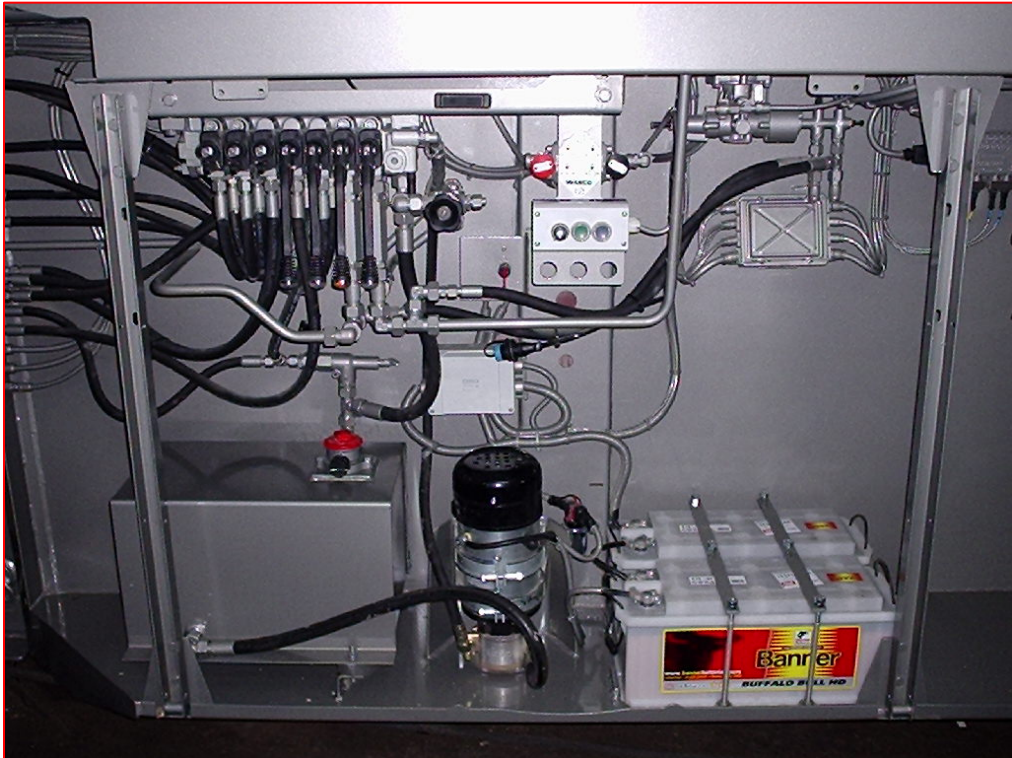
Manual operation



Hydraulic operation



- Power pack (with or without batteries)



- Central lubrication system



- Hydraulically operated pallet locking device for transporting extremely long precast elements when driving with open back door



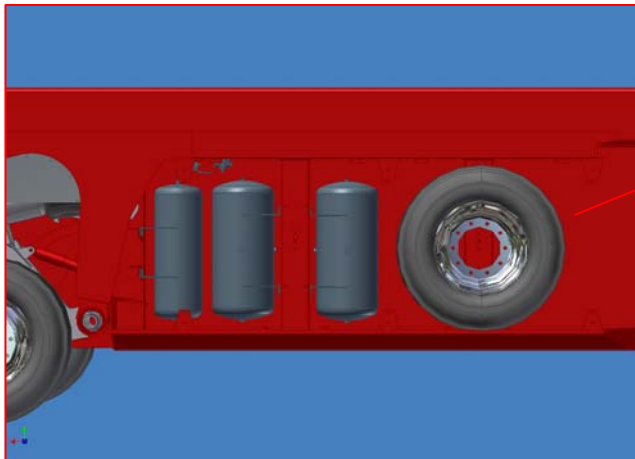
- Additional working lamp on the gooseneck, socket in the rear for 2nd illumination



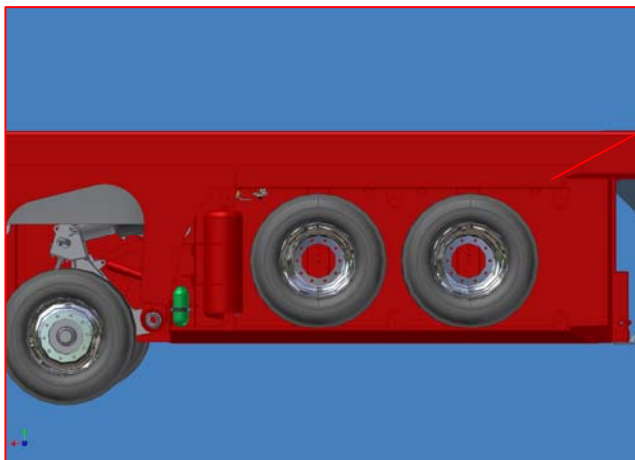
- Pneumatically operated emergency and axle lift device



- Spare wheel



1 spare wheel possible in connection with air suspension



2 spare wheels possible in connection with hydraulic axle compensation

- 2 supports for long material



References

Europe:

- Germany



- France



- Belgium



- Holland



- Iceland



- Sweden
- Norway
- Finland
- Denmark

- Luxemburg
- Ireland
- England
- Italy
- Slovenia
- Czech Republic
- Estonia
- Austria



- Spain



- Ukraine
- Israel
- Brazil

Japan:



Australia:



USA:

Also available: Flatliner for handling pallets inside the precast factory

