

**RENDERS 3-AXLED LHV CONTAINERCHASSIS FRONT TRAILER WITH
SLIDING 20FT FRAME - EURO 1000 LHV(LZV)****WEIGHTS**

Fifth wheel pressure 16 tons
Axle load 27 tons
Total mass 43 tons

KINGPIN POSITIONS

1st position at 1.400 mm
2nd position at 1.000 mm

DIMENSIONS

Chassis length \pm 9.790 mm - Chassis width 2,450 mm
Front coupling height in horizontal position \pm 1,150 mm
Fifth wheel rear height 1.150 mm (for following trailer)
Distance between center fifth wheel to rear of container is min. 2.050 mm and max. 2.250 mm, depending on the position of the fifth wheel.

WHEELBASE

1st kingpin - center 2nd axis 6,080 mm
2nd kingpin - center 2nd axis 6.370 mm

CONSTRUCTION CHASSIS FRAME**Neck construction**

Steel ST52-3 at the front, reinforced version
Coupling plate 8 mm with 2 kingpin positions
With double soul plate for 18 tons of load capacity - Fully Hufferproof rigid version

Low bed construction

4 main beams in I-profile, reinforced version
18x estamite rolls \varnothing 100 mm, width 130 mm with a load capacity of 9 tons per roll
Estamite rollers mounted with galva bolts M30
Full chassis and rear in Hufferproof rigid version

20ft sliding frame

2 main beams in I-profile of 240 mm height
2 container arms of profile 220x120 mm with 2 "fixed twistlocks
Front 20ft frame 2x2 Estamite rollers \varnothing 100 mm, width 160 mm running over neck construction
Equipped with reinforced locking positions and stops front and rear
Slide frame with 4 air cylinders \varnothing 200 mm in aluminum version with stainless steel rods with the necessary capacity to move 40 tons of 20ft container.
Operation and locking 20ft frame very simple and user-friendly.

SAF AXLES AND SUSPENSION

3 x 9 ton axles / disc Ø 430 mm / 120 mm offset / standard air suspension

Distance between the axles:

1.410 mm between 1st and 2nd axis

1.310 mm between 2nd and 3rd axis

Manual axle lift, on 1st and 2nd axle

TIRES & RIMS - BRIDGESTONE BRAND (or manufacturer choice A-brand)

6x 385/**55** R22.5 / 120 mm offset (tires 385/65 NOT possible)

10-hole steel rims / color silver

MUDGUARDS

6 PVC mudguards with galvanized steel holders and ex-spray mud flaps

Mudguards 2nd axle with ± 100 mm vertical clear space to ground

Bottom of mudguards mounted with a 3 mm aluminum plate to prevent damage .

JOST LANDING LEGS

24 tons - 2 rotation speeds - with 5-foot ground clearance 280 mm

REAR COUPLING PLATE FIFTH WHEEL- JOST BRAND - TYPE 36

Fifth wheel mounting adjustable (3x 70 mm)

Placement and operation of the fifth wheel (opening and closing) pneumatically according to JOST specification and guidelines.

BRAKE SYSTEM - BRAND WABCO

ABS / EBS 2S2M with RSS function

2x 80 liter air tanks brake + air suspension

2x 80 liter air tanks for pneumatic cylinder Ø200 mm and closures

Brake system WABCO in accordance with regulations and specification LHV standards.

1x lift and lower valve

Test nipple on last axle (to measure brake pressure)

ELECTRICITY FRONT BRAND ASPÖCK

2x 7-pin plug

2x 15-pin plug (front and also rear for 2nd trailer)

1x EBS plug (front and also rear for 2nd trailer)

Plugs mounted on a specially developed panel, front and rear

LIGHTING ASPÖCK

2x multi-function taillights ECO POINT II or EUROPOINT III (choice customer)

4x orange side lights

Width rear lights

License plate lighting

White contour marking laterally in accordance with EU standard

Red contour marking at the back in accordance with EU standard

LHV EQUIPMENT

1x Jost fifth wheel coupling type JSK36D PNFA 150 mm total height.
Trailer coupling with relay, key links 3/2 way valve
Step provided between 1st and 2nd axle on left and right side
1x Wabco Smart Board
Extra air and electrical connections provided for connection of 2nd trailer
Contour markings, sides white, rear red.

STANDARD ACCESSORIES

1 PVC document sleeve
2 PVC yellow wheel chocks with holder
1 PVC case L400xH300xW300 mm

CONSERVATION

Chassis frame

Complete chassis frame steel-blasted to SAE 2.5 standard.
Chassis frame completely galvanized

20ft sliding frame

Full 20ft frame steel-blasted in accordance with SAE 2.5 standard.
Chemically degreased and cleaned
1x hy-zinc 80% zinc and 2x epoxy primer
2x paint layer in RAL color

WARRANTY CONDITIONS

- 2 years on construction and execution on Renders chassis and chassis parts
- 2 years on parts purchase according to warranty conditions from suppliers (Wabco, Aspöck ...)
- 2 years of paintwork according to PPG instructions, except for interfaces of containers, movable parts and locking positions are excluded.

DELIVERY PERIOD

In mutual consultation and depending on production planning at the time of your order decision.

KEY BASIC ADVANTAGES OF EURO 1000 - LHV CONTAINER CHASSIS

- 1) A very short wheelbase with 2 kingpin positions, allowing optimal use of 16Ton coupling pressure for towing vehicle.
- 2) 3 rigid axles with spring track 1,300 mm which gives a much greater stability compared to a swivel or steering axle. (narrowed spring track)
- 3) The combination; short wheelbase and 3 rigid axles, ensures that the pendulum effect, specific to each LHV, is reduced to the minimum.
- 4) In addition; 2 manual lifting axles (1st and 2nd axle) as standard to minimize axle and tire wear during maneuvering.
- 5) This combination with 2 manual lifting axles gives you the opportunity to apply an ideal axle load for the entire LHV, even with an empty or lightly loaded container at the front.
- 6) The 2 manual lift axles can be connected to the 15-pin plug for control from the cabin.
- 7) A very simple and user-friendly operation, which is clear to every driver.
- 8) 4 air cylinders Ø200, fully protected mounted on the inside of the chassis, to move a 34 Ton - 20FT container in a very simple way.
- 9) fifth wheel for the trailer; fully automatic via an electro-pneumatic system. A very maintenance-free chassis, complete construction in rigid "Hufferproof", which guarantees a long service life.

10) An LHV front car, specifically built for container transport based on the many years of Renders experience in Scandinavia and the Netherlands.

An extremely user-friendly and multifunctional container chassis, completely "Hufterproof", very solidly built according to contemporary legal standards with a long lifespan based on the many years of experience and knowledge of Renders.

