

# TECHNICAL DESCRIPTION

# RENDERS 3-AXLED TELESCOPIC 3-PARTS MULTIFUNCTIONAL CONTAINERCHASSIS **TYPE EURO 800**

#### **WEIGHTS**

Fifth wheel pressure: 16 tons standard (with 6x2 truck, 12Ton with 4x2) Axle pressure: 27 tons Total mass: 43 tons

#### KING PIN

2 "kingpin with 2 positions 1st position 1.520 mm 2nd position 1.270 mm

#### DIMENSIONS

Total length retracted ± 9.370 mm at 20 or 30ft Total length extended ± 12.440 mm at 40 or 2x20ft Total length extended ± 13.965 mm at 45ft Width ± 2,480 mm Chassis height 1.150 - 1.200 m adjustable with air suspension depending coupling plate height truck. Coupling height 1.150 - 1.200 mm with 385/65 R22.5 tires Coupling height 1.120 - 1.150 mm with 385/55 R22.5 tires (optional)

#### WHEELBASE

For 20 and 30ft-> 1st kingpin position 5.626 mm -> 2nd kingpin position 5.876 mmFor 40ft and 2x20ft-> 1st kingpin position 7.160 mm -> 2nd kingpin position 7.410 mmFor 45ft-> 1st kingpin position 7.922 mm -> 2nd kingpin position 8.172 mmA perfect weight partition according to EU norm

#### **3-PIECE CHASSIS FRAME**

High-quality steel (ST52-3) **"Hufterproof"** rear frame RENDERS
Rear frame and front frame can be **simultaneously** mechanically extended with truck.
<u>Very simple positioning operation for all container positions</u>.
(1 handling in 4 steps with 1 grip - 1 button)
2x pneumatic locking system left and right with brake cylinder.
(See technical specification drawing attached)

#### **SAF AXLES - SUSPENSION**

3 x 9 ton axles / disc Ø 430 mm / 120 mm offset / standard air suspension
<u>Distance between axles:</u>
1.410 mm between 1st and 2nd axle
1.310 mm between the 2nd and 3rd axle
Manual lift axle on 1st axle, <u>Optional</u> 2<sup>nd</sup> lift axle in combination 385/55R 22.5 tires (free space)

#### TIRES AND WHEELS - BRAND BRIDGESTONE (or choice of A-brand manufacturer)

6x 385/65 R22.5 / 120 mm offset 10-hole steel rims / color silver

#### MUDGUARDS

6 PVC mudguards with galvanized steel holders and exspray mud guard

#### LANDING LEGS JOST

24 tons - 2 rotating speeds - with S-feet

#### BRAKE AND AIR SYSTEM - BRAND WABCO

ABS / EBS 2S2M with RSS function 120 liter steel air tanks for brake and air suspension With pneumatic parking brake 1x yellow / 1x red air connection grip 1x lifting and lowering valve (5 positions)

#### **ELECTRICITY IN ADR BRAND ASPÖCK**

Wiring, lamps, sockets in conform ADR regulations AT - FL Connected conform EU norm

#### **ELECTRICITY FRONT**

2x 7-poled plug 1x 15-poled plug 1x EBS plug Standard low socket in front - doors can open above the socket. <u>Optional:</u> Plugs mounted on a Hufterproof raised front panel which can be moved left and right. (for opening at front of container doors separately - but high socket - no entangling cables at 2<sup>nd</sup> kingpin))

#### **ASPÖCK LIGHTING**

2x multifunction rear lights ECO POINT II or EUROPOINT iii (choice customer) 4x orange sidelights Width lights at rear License plate light White lateral contour marking according to EU norm Red rear contour marking according to EU norm conform ADR regulations AT - FL

#### **CONTAINER POSITIONS**

1x 20ft rear (legal good partition weight)
1x 30ft rear
2x 20ft
1x 40ft HC (with tunnel)
1x 40ft ISO
1x 45ft on 45ft position (=equal with rear container)
Reinforced container arms with 2 "twistlock hammers

#### STANDARD ACCESSORIES INCLUDED

Foldable closed aluminum side protection painted in RAL color Support bars for driving 30ft and 40ft ISO 2 PVC yellow wheel chocks 1 PVC document holder (cylinder) 2 square LED work lights mounted in the rear 1 foldable ADR plate 2 Ferry rings in front and 2 Ferry eyes at the back (A581 norm)

## CONSERVATION

Blank steel-blasted according to 2.5 SAE norm. Chemically degreased and cleaned 1x Hyzinc 2x epoxy primer 2x Top coating in standard RAL color

#### WARRANTY TERMS

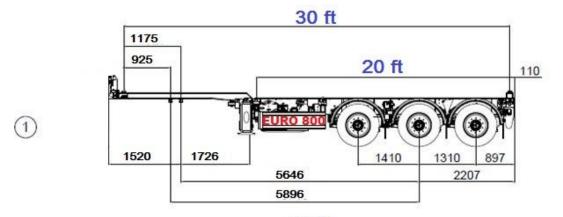
- 2 years on construction and specification of Renders chassis and chassis parts.
- 2 years on purchased parts according to the warranty conditions suppliers (WABCO, ASPOCK...)
- 2 years on paintwork conform instructions PPG or BASF, except for container tangent surfaces, movable parts and locking positions

### **DELIVERY TERMS**

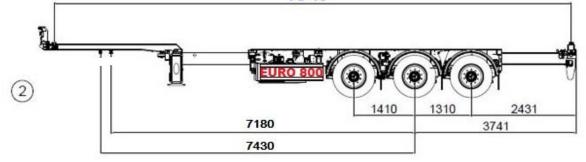
After consultation and in regard to the production time available moment of your order decision.

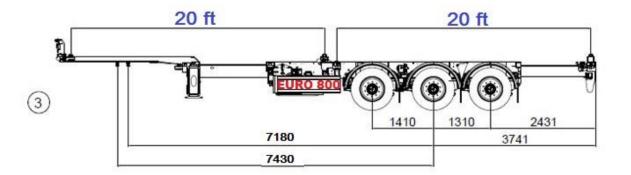
#### Important basic advantages of EURO 800 container chassis

- 1) Since 1988 Renders has built more than ± 30,000 pieces of this type of container chassis and was the first on the European market with a 3-part extendable Multifunctional Container Chassis..
- 2) This operation, characterized by its simplicity and user-friendliness, has been specially developed for use at large fleets or rental companies with international locations; ideal for high interchangeability between drivers, without the need for language or product knowledge.
- 3) Reinforced container arms on all container connections and appropriate for heavy duty containers.
- 4) Conform for transport of new generation 20ft High Cube (9.6ft) container within the 4,040 mm legal height (low bed).
- 5) Hufterproof rear side with 45 ft container at the rear to avoid destruction or damage to the dock doors during excessive docking.
- 6) As the rear is equal to 45ft, it meets all EU standards regarding lighting and bumper distances as to be complied with in EU regulations and German legislation (45ft paragraph 70).
- 7) Front side <u>optional possible</u> with an elevated connections support for connecting air and electricity, which is very important for 45ft container given the short distance between rear cabin and front trailer chassis for driver and to avoid entangling of the cables.
- 8) 2 Kingpin positions of which 1<sup>st</sup> position is appropriate for Benelux (legally permitted), which gives more space between cabin and chassis (comfort driver) and 2<sup>nd</sup> kingpin conform German legislation (paragraph 70) and also appropriate for all EU countries to transport legally a 45Ft container.
- *9)* Rear side with 2 integrated comfort steps on both left and right side in aluminum anti-slip design (driver).



40 ft





45 ft

