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Houcon Roll-trailer RR-GC-40ft/100T (steel) for transport of general cargo and 1x40' or 1x30', 1x20' or 2x20' ISO-containers on off-public roads.

- loading capacity  
100.000 kg at 6 km/h, equally spread
  
- dimensions (approx.)

platform length	12.390 mm
platform width	2.600 mm
platform height	740 mm
  
- dead weight  
approx. 8.510 kg
  
- 5th wheel load  
approx. 26.669 kg (without gooseneck)
  
- rear axle load  
4 x 20.460 kg
  
- ground clearance  
approx. 240 mm under the main beams at the axle position.
  
- chassis  
fabricated from hot rolled steel, mixed gas welded according NEN EN 287/ 288, to a sturdy and lasting construction, with rounded corners
  
- main beams  
mainbeam H= 500, **S355J2** (ST52-3) or equivalent, with enforcement flat, and with certificate
  
- gooseneck tunnel  
a standard gooseneck adapter with reinforced plates is provided at the front end of the trailer. The square 120mm cross beam inside the tunnel is fed through the flame-cut side plates and welded on **both** sides.  
Gooseneck cross beam, over the full length to the outside beams in order to reduce twisting of trailer under maximum loading capacity.  
The **safety hooks** on the chassis are **standard**.
  
- front end  
provided with a sturdy landing beam.

- running gear

A **low maintenance** running gear with 8 wheels, size 22"x16"x16", in independent pendulum rocker beams with 4 oscillating axles (St52-3), make Houcon, for evenly distribution of wheel loads. Welded steel wheels with re-greasable (1 greasing point per wheel) conical roller bearings, make URB or equivalent, pressed-on solid rubber steel band tyre, make Solideal or equivalent. Each wheel set is provided with 4 special sealing rings, make Fey, for a better performance and low maintenance.

The running gear cross beam, over the full length to the outside beams in order to reduce twisting of trailer under maximum loading capacity.

We choose a steel plate instead of a synthetic cap to cover the hub. This steel cover is hold in place by means of a retaining ring. This will secure the plate better than a clamp.

- loading platform

6 mm steel .

- D-lashings

10 pcs lashings (D-lashing) on following positions:

- 2 pcs on front beam
- 2 pcs. per length side
- 4 pcs on rear beam

- Eye-lashings

14 pcs Eye lashings (30 mm) on following positions:

- 2 pcs. on front beam
- 6 pcs per length side

- fork-pockets

In order to lift the roll-trailer, both longitudinal sides are equipped with fork-lift pockets

- container positioning

10 ISO-openings diagonal positioned, on following positions:

- 2 at front
- 2 at rear
- 2 at 30ft position
- 2 at middle (front 20ft container)
- 2 at middle (rear 20ft container)

- empty stacking

Recess at front and steel plate over axles for stacking of empty roll-trailers.

- identification

Marking

The letterstyle on the chassis is: Arial

The text is: **Chassis Number / code**

Colour RAL 1013

Position Both longitudinal sides

Height 100 mm

The text is **Houcon Logo**

Position Both longitudinal sides

The text is **MAX. LOAD 100 TON – 6 KM/h**

Colour RAL 1013

Position Both longitudinal sides

Height 100 mm

Name plate of Houcon with CE-logo in information, to be placed on the left-front side.

- finish

steel shotblasted according to ISO 8501-1 (Swedish Standard ISO 5 5900) 95% before welding SA2.5 95% and 5 % SA2.0  
**Prior to painting the complete chassis frame will be completely blasted.**

1st coating : Zandleven Monopox Metalcoat ZL 70 a two component high solid epoxy primer with zinc phosphate, dry thickness approx. 100 µm

2nd coating : Zandleven Polyfinish HS 65-55 is a two component high solid polyurethane coating with good weather resistance and colour light fastness, dry thickness min. 60 µm

Total dry thickness min. 160 µm **1)**

- application

airless in conditioned room

- colours

the chassis in RAL 6028 - Green  
rocker beam, axles and wheels will be black RAL 9005

Specifications mentioned are preliminary. Individual items may change as the design progresses.