
Houcon Roll-trailer RR-GC-40ft/100t for transport of general cargo and 1x40' or 1x30' or 2x20' ISO – containers.

- 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. 8.140 kg

- 5th wheel load
approx. 26.578 kg (without gooseneck)

- rear axle load
4 x 20.390 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, **S355J2G3** (ST52-3) or equivalent with enforcement strip, 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

Wooden deck with 55 mm softwood to carry general cargo, plank machined on 3 sides, upper edges cut. Treated according Australian treatment.

- lashing rail

Lashing rail 30 mm along both longitudinal sides, positioned at bottom inside of profile. (see drawing)

- lashings

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

- 4 pcs on front beam
- 4 pcs on rear beam
- 2 pcs on each 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 Painted

The letterstyle on the chassis is: Arial - italics

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

Colour RAL code

Position Both longitudinal sides

Height 100 mm

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

Colour RAL code

Position Both longitudinal sides

Height 100 mm

The text is **Houcon Cargo Systems – Holland**

Colour RAL code

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 : Hempel primer based on alkyd containing zinc phosphate, dry thickness min. 80 µm;

2nd coating: Hempel top coating based on acrylic resin, alkyd and non-chlorinated plasticizer high build paint
, dry thickness min. 80 µm;

3rd coating: Hempel top coating based on acrylic resin, alkyd and non-chlorinated plasticizer high build paint
, dry thickness min. 60 µm;

Total dry thickness min. 240 µm 1)

- application

airless in conditioned room



Member of the Houcon Group

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Technical specification

RR-GC-40ft/100T LOW

- colours

chassis in RAL 7005 - Grey
wheels etc. in RAL 9005 (black)