



COMBIDOLLY®: The D-TEC Combidolly® is a separable trailer, specifically designed for use in Roadtrain combinations. A 20-ft ISO container can be carried on the front section, a second trailer can be attached to the removable rear section. The D-TEC Combidolly® has a registration document for the trailer as a whole and for the front section.

In combination with a D-TEC Combitrailer®, a unique B-Double Roadtrain is formed. This B-Double Roadtrain offers completely new applications for efficient and multi-functional transporting of almost any kind of container, such as 3 x 20 ft, 1 x 20 ft + 1 x 40 ft, 1 x 20 ft + 1 x 30 ft, 1 x 20 ft + 45-ft high cube.

The principle of the D-TEC Combidolly® is based on the sections of the trailer in front of the coupling plate. The front and rear sections are coupled by means of an extendable shaft. A locking mechanism is used to attach or remove the rear section. This rear section can also be used as a separate 2-axle dolly.

ADVANTAGES OF D-TEC COMBIDOLLY®:

- The 20-ft container can be placed against the loading platform by separating the trailer. The dolly section will then remain underneath the second trailer and provide additional stability. Its low weight of 6000 kg is a big advantage, especially in Roadtrain combinations.
- Solid trailer due to the use of 11 tonnes of air suspension in combination with 9 tonnes axles.
- Multifunctional use for 20-ft containers and universal with regard to adding other trailers.
- Low fuel consumption and low tyre wear due to the use 2 self steering axles.

WEIGHT BY 80 KM/H:	ONLY FIRST CHASSIS, CT-26-01:	
Total trailer weight:	43,5 ton	26,0 ton
Kingpin:	17,0 ton	17,0 ton
Axle bogie load:	27,0 ton	9,0 ton
Standard - empty:	6,0 ton	2,7 ton
Standard - useful:	35,5 ton	23,3 ton
Max. mass on coupling point:	14,5 ton	
Max. mass towed vehicle:	42,0 ton	

CHASSIS

Chassis out of a central box-section main member consisting of two intercoupled parts. The twistlock cross members, in closed box-section design, are welded at the main member. The whole frame has been made from high strength steel. The chassis is extremely torsion-rigid and therefore very stable. Twistlock positions are suitable for 1x20ft with or without tunnel. The (removable) rear section includes a trailer coupling to attach a second trailer.

AXLE BOGIE LOAD

Axles: 1 self steering axle at the front part and 1 rigid axle and 1 self steering axle at the rear part, axles with modern design hubs and automatic slack adjusters. A steering damper has also been fitted to the rear stub axle.

The last axle is also equipped with a steering damper.

Suspension: airsuspension with raise/lower, the axles at the front part are liftable.

Wheels and tyres: Steel disc wheels with tyres 385/55R22,5 160 J, single mounted.

BRAKE SYSTEM

Dual-line air-pressure mechanical brake system with automatic load-dependent braking-power control and Wabco ABS system.

Parking brake by spring brake cylinders.

An ECE brake flap to attach a second trailer has also been fitted.

GOOSENECK

Suitable for 4x2 and short (twin steer) 6x2 tractors, see drawing on the rear side.

Gooseneck section only 120mm thick, through which the trailer is also suitable for high-cube containers.

STANDARD ACCESSORIES

Kingpin 2", exchangeable from below.

Manual operated locking of main member parts.

Landing gear, total 1 pieces, with oscillating feet and push/pull gear change, special for air suspension.

EC type side guards.

Spray suppression by mudguards. The mudguards near the trailer coupling can be separated.

Cables and air spirals required for the second trailer to be attached.

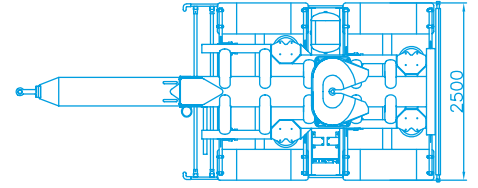
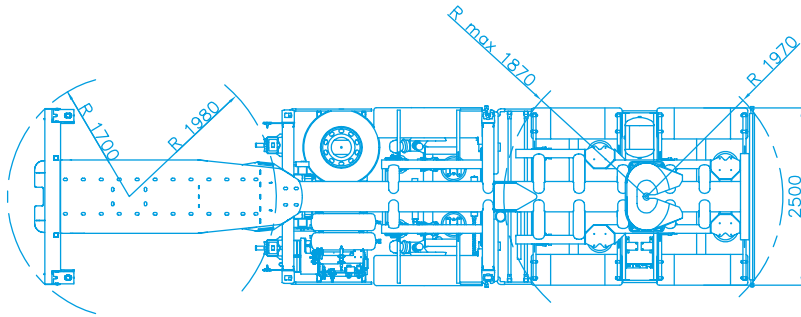
The side screen is sealed and retro-reflective tape has been applied to it; both are in accordance with the Roadtrain requirements of the Netherlands.

FINISH

The steel frame is grid blasted. After cleaning the chassis will get a coating of 2 component polyurethane paint in a RAL colour at choice. The wheels are coated in silver-grey powder coating (RAL 9006). The landing legs, air tanks and some minor parts are coated in black.

ILLUMINATION

24 Volt ISO N+S including square 7 chamber taillights, license plate lighting, white marker lights at front and amber (LED) side marker lights. EC marker plates at rear.



optional:
separate dolly

