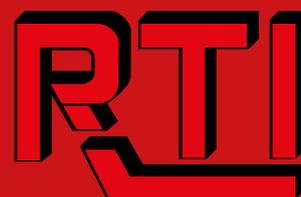




# GHH CS1200

Compressor installation | direct driven

RTI Transport Installaties B.V.



# Cooling & drive

RTI Transport Installaties B.V. has developed several cooling and drive options for your installation. Let the RTI specialists inform you which option is best suited for your application.



## Electrical fan

The air cooling is achieved by means of a 24 volt fan installed directly in front of the cooler. The fan is activated when the PTO is switched on. The switch box is equipped with an LED-light, pressure sensor, operation relay, safety fuse and time relay.



## Compressed air cooler

Especially for combustible or temperature sensitive products the installation is equipped with a compressed air cooler. The compressed air cooler is completely made of aluminium and cools the compressed air approximately 100°C. Depending on intake temperature, pressure and cargo-quantity the outlet temperature is roughly 65°C.

The silencer, filter and pipes are also made of aluminium. When combining these parts with a cooler the installation meets the chemical and food supply industry's requirements.



## Shear pin coupling

The compressor is equipped with a shear pin coupling. The shear pin coupling is installed to protect the PTO, when overloaded the shear pins will break preventing damages to the PTO.



## Oil cooler

The compressor is equipped with an integrated oil cooler and a radial fan. In situations when there is a limited space available to mount the compressor within the chassis, the oil cooler can be disconnected and installed separately.

# Technical data

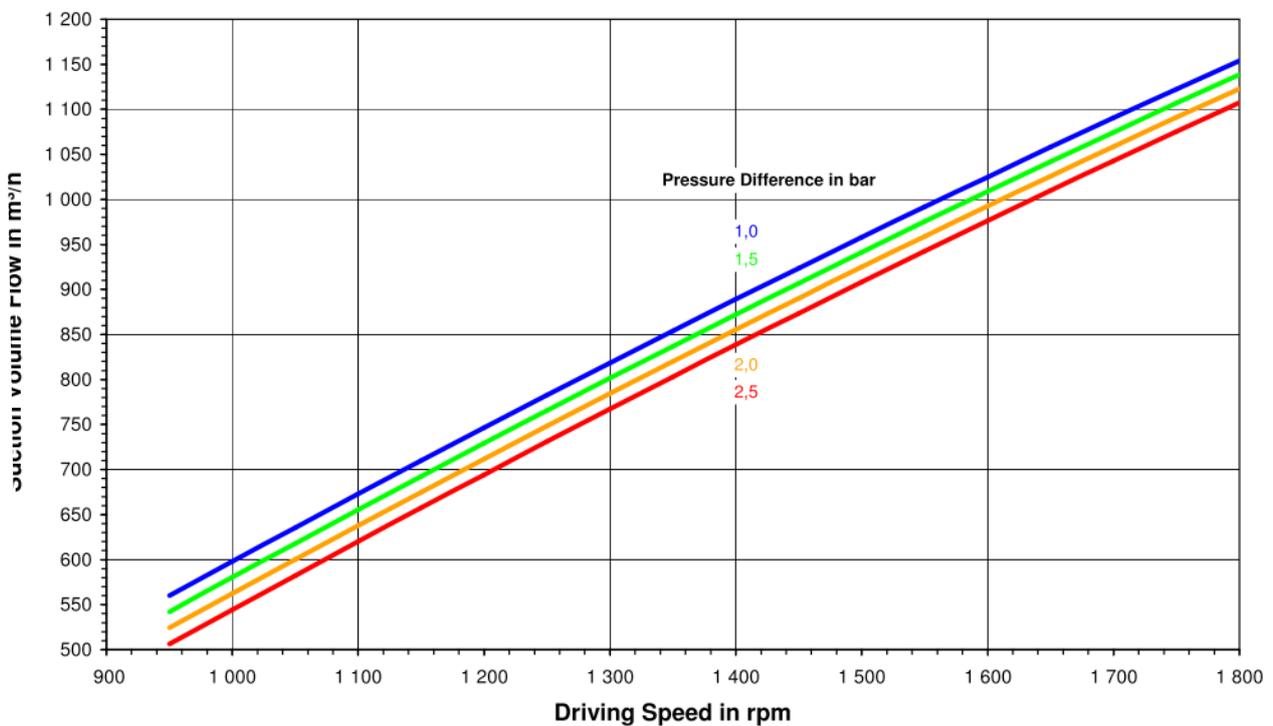


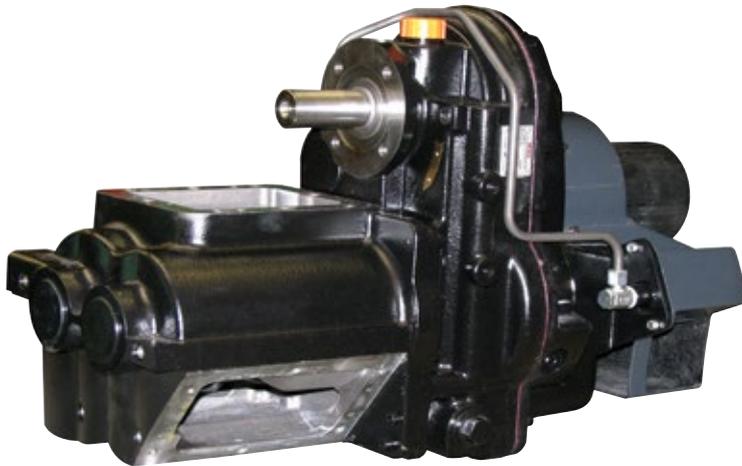
Type	CS104 L/R
System	Screw
Flow rate (m3/h) at 1 bar	1161
Flow rate (m3/h) at 1.5 bar	1141
Flow rate (m3/h) at 2 bar	1110
Driving speed (RPM)	1200 - 1800
Suction condition	1 bar-20 °C
Maximum pressure	2.5 bar
Power at coupling	61.9 kW at 2 bar
Min. mounting space	0.60 meter
Dimensions (cm)	55x75x75
Weight incl. cooler	246 kg

**GHH RAND**

## Performance Prediction CS104R

Medium: air, 1 bar (abs.), 20 °C, relative humidity 60 %





Your compressor tailored to your wishes by RTI's specialists with several options and additions. Please contact us for more information.



# Options

RTI delivers the compressor installation tailored to the customer's wishes with the following options:

## Rotary coupling

Especially for animal feed it is possible to place a rotary coupling in front of the fifth wheel hitch.

By using a rotary coupling the compressor hose can be connected to the semi-trailer permanently.

## Air outlets

The standard outlets of an RTI installation are placed at the front of the cooler, the cold outlet at the top and the warm outlet at the bottom. These outlets can be changed according to your wishes.

## Hydraulics

RTI manufactures and installs complete tipper hydraulic systems designed to your own specifications. You decide on the type of couplings and where you want them to be fitted.

## Other options

Flexible use of the installation can be attained by the following options:

- a blow-off silencer
- an extra pressure relief valve (high/low pressure)
- cold and warm air mixing
- a combination of the above

**Your compressor tailored to your wishes with RTI options!**



**Contact us today!**

# Combi installations

RTI Transport Installaties B.V. has developed two combi installations; the installation with an integrated toolbox and the installation with an integrated hydraulic tank.



## Toolbox

The installation can be delivered with an integrated toolbox. The toolbox will be custom-made and equipped with shelves and/or drawers.

Especially for semi-trailer trucks with side-skirts that hinge out, the toolbox can be equipped with doors hinged at the bottom.



## Hydraulic tank

It is possible to integrate the hydraulic tank within the installation. The tank has a net content of 190 litres.

# Three-axis vehicles



## Pusher axle

The CS1200 is particularly suitable for semi-trailer trucks with a pusher axle. The position of the compressor has a positive effect on the PTO-shaft length and the angle of the PTO. With limited space available it is possible to remove the oil cooler and mount it elsewhere within the chassis.



We recommend contacting our specialist to discuss the possibilities of mounting a compressor installation on a semi-trailer truck with a pusher axle.

# Why an RTI-installation?

- There will be no formation of rust because the RTI-compressor-installation is completely made of aluminium.
- The installation weighs at least 70 kg less than similar installations.
- The mounting angle of the PTO-shaft meets the mounting requirements of the truck dealers.
- Compared to similar installations the sound level is lower due to the specifically designed pulsation silencer and a combined air filter/silencer.
- The powertrain is protected by a safety coupling. As a standard a shear pin coupling is mounted. A centrifugal clutch can be mounted on request.
- The direct drive and the specifically designed silencer result in lower fuel consumption.
- Conversion to another truck with the same rotation direction is easily achieved because of the 2 hooks with identical hole-pattern.
- The installations are available in every colour.
- The switch box is equipped with a control light and a shut-off-delay.
- Your own compressor can be assembled in the enclosure on request.
- Mounting the installation is simple due to a set of prefabricated mounting brackets.

RTI is specialised in manufacturing and mounting of low-noise, low maintenance and sustainable compressor installations tailored to the customers wishes.





Over the years RTI gained experience as specialist in developing, manufacturing and mounting transport-installations, because of this RTI's specialists can guaranty high quality.



# Choose quality

RTI is ISO 9001:2008 certified and RTI's products meet the required standards.

## Warranty

The installation is developed according to the manufacturers directives therefore warranty is completely covered by the manufacturer.

- 12 month warranty on the compressor.
- 48 month warranty on the RTI construction

## Delivery

Ready for operation, including PTO shaft painted in chassis colour.

To prevent differences in colour, in case the colour is not an original chassis/RAL colour, you can supply the colour and hardener yourself.

## ISO certificate

RTI is ISO 9001:2008 certified.

RTI has a good and workable policy with clear goals, a good quality control and qualified personnel. RTI's internal communication, descriptions of processes within the organisation and continuous improvement are also secured with this certificate.

## CE-Marking

RTI installations meet the requirements of CE standard 2007/42/EG

**Contact us today!**



**High quality compressors**

**Extended warranty**



# RTI Transport Installaties B.V.

Over 25 years your compressor specialist!

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