

POWERBRAKE-RT

Most Powerful Brake on the market

2 in 1

High powered handbrake and break-away unit

Key Features:

- 3 ½ times the pulling force of standard handbrakes on the market.
- Designed to achieve a parking brake efficiency of above 16%, and break-away brake efficiency of above 13.5% , in accordance with the 2016 legislation.
- Purely mechanical system



“New Innovation from Distag QCS - No comparable system on the market!”

Benefits:

- No complicated hydraulic circuits
- No electrical connections required, as a result no electronic failures.
- Dual system - breakaway & handbrake combined
- Can be mounted vertically or horizontally to suit almost any trailer design.
- Can be retro-fitted to any braked trailer or machine
- Low maintenance & cost effective solution



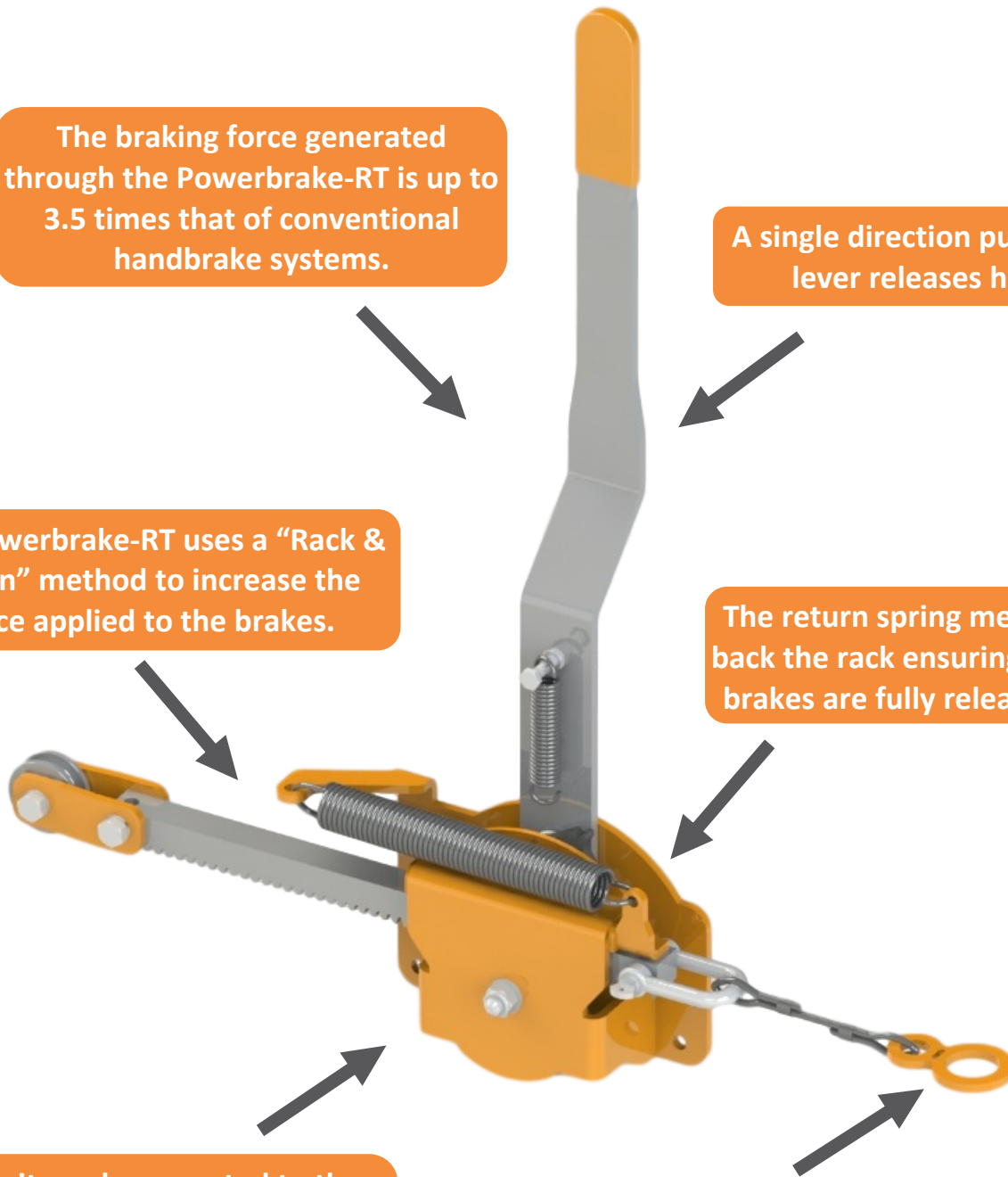
How the Powerbrake- RT works:

The braking force generated through the Powerbrake-RT is up to 3.5 times that of conventional handbrake systems.

A single direction push back of the lever releases handbrake.

The Powerbrake-RT uses a "Rack & Pinion" method to increase the force applied to the brakes.

The return spring mechanism pulls back the rack ensuring the lever and brakes are fully released after use.



The unit can be mounted to the trailer chassis, drawbar, or elsewhere between tractor & trailer axle using a simple bolt-on design.

In the event of a breakaway, the connection between the unit and the trailer is engineered to separate under a fixed force, thus halting the trailer and preventing damage to the unit itself.



Scan the QR code to see a demonstration video of the Powerbrake-RT

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