

DERC Rigid Lance Cleaner RLC

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SAFE AND FAST CLEANING OF HEAT EXCHANGER TUBES

The DERC Rigid Lance Cleaning System is a modular rigid lancing system to clean heat exchanger tube bundles. It is perfect for safe and fast removal of hard plugs, scaling and general cleaning of heat exchangers. The RLC is easy to adapt to any length and suitable for a maximum working pressure of 3000 bar.

Automated Solutions Rail

The basis of the RLC system is an aluminum rail with gear rack on which a modular rotating lancing carriage drives the lances in and out the heat exchanger tubes.



FEATURES

- Control panel
- DERC Automatic Solutions Rail 4" with gear rack
- DERC Modular Lance Rotating Drive Unit
- 1, 2, 3 or 5 lances
- DERC X-Y Positioner
- Air powered (hydraulic on request)
- A-Frame for rear support (horizontal appl.)

APPLICATION

- Heat exchanger cleaning

X-Y Positioner

For positioning the lances in front of the heat exchanger the RLC system comes with an X-Y Positioner. This X-Y Positioner can be used for horizontal or vertical applications of the RLC. For horizontal applications it consists of a removable wheel kit, support stands / legs and scaffolding guides. For vertical applications the X-Y positioner is mounted to the tube bundle.

Rear Support / A-Frame

For stability the RLC is equipped with a rear support. For horizontal applications this is an A-Frame with a movable support chain. For vertical applications a custom solution is needed depending on the length of the aluminum rail.



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Modular Lance Rotation Drive Unit
On the lance carriage you will find our Modular Lance Rotation Drive Unit. This modular block can be converted to rotate 1, 2, 3 or 5 high pressure lances in any pressure range.

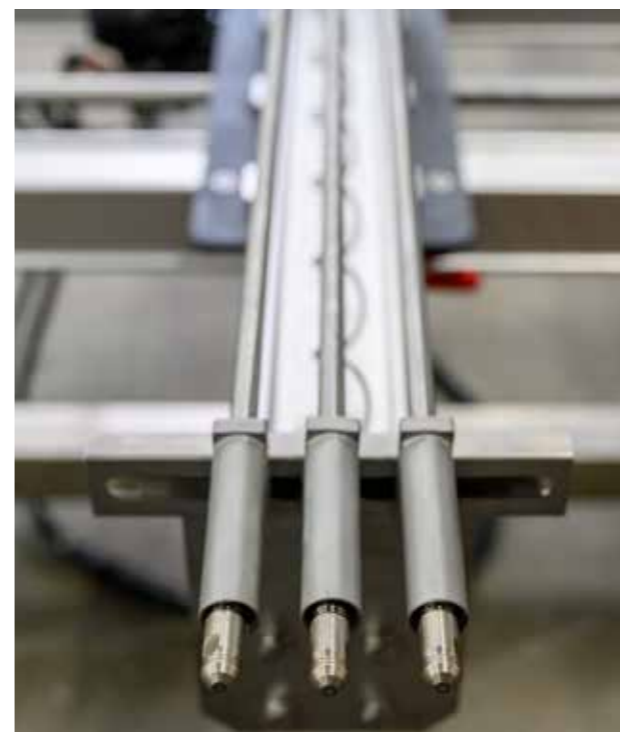


Control Panel

For controlling all the functions of the RLC system the machine comes with a control panel, placing the operator out of the line of fire.

Power

The RLC system is standard fully air powered, however on request we can offer a hydraulic version of the system.



Nozzles and Lances

Based on your requirements, DERC Salotech offers a full range of nozzle and lance configurations for the RLC (see page 20 and 128).

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