

DERC Shell Side Blaster SSB

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AUTOMATED SOLUTION FOR EXTERNAL CLEANING OF HEAT EXCHANGER TUBES

The DERC SSB is an automated solution for external cleaning of heat exchangers with high pressure water jets. It makes shell side cleaning simple and safe by placing the operator at a safe distance.

Innovative Design

The DERC SSB consists of two wheeled frames, which can be placed over the heat exchanger, and adjusted in height by means of two manually operated hand wheels. The system comes with two tensioner chains to secure the frames to your tube bundle rollers. The DERC SSB is easy to disassemble in smaller/shorter pieces for easy transportation.

Control Panel

- Speed + Movement tractor left - right
- Speed + Movement bundle rotation
- Speed rotation nozzles
- Air Hoses and Air Preparation Oiler / Filter included

FEATURES

- Air or hydraulic powered
- A-Frames with manual height adjustment
- Chains with tensioner to fix A-Frame to bundle rollers
- DERC Automatic Solutions Rail 4" with gear rack
- DERC RCS-200 swivel
- Control Panel

APPLICATIONS

- General pipe and tube cleaning
- Shell side (heat exchanger) cleaning

AUTOMATED SOLUTIONS TRACTOR + RCS-200



ENERGY CHAIN



Automated Solutions Tractor

A stainless steel coupled profile with a 4" Automated Solutions Rail (ASR) is mounted between the frames. The DERC Automated Solutions Tractor (AST) runs on this rail, moving back and forth automatically via a gearbox, air or hydraulic engine, gear, and heavy-duty stainless steel roller bearings. End switches and a control valve ensure automatic movement, with the stroke easily adjustable by moving the end stops (see page 126).

SPECIFICATIONS

Total Length	8m / 12 m (other lengths possible)
Max. Tube Bundle Length	7,5 m / 10 m (other lengths possible)
Height Adjustment Frame	1650 - 2600 mm rails
Max. Pressure	1500 bar / 22K
Max. Flow	1000 bar @ 380 lpm / 1500 bar @ 240 lpm
Inlet Connection	M36x2 male / M24x1,5 / 3/4" NPT
Movement Speeds	2 - 12 m/min (7 - 40 ft/min)
RCS-200 Rotation Speed	+/- 500 rpm
Nozzle Inserts	2x Type 4 or 2 x Type 226 or 2 x 1/4" NPT

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