

SPECIAL PROJECT WCS WIRE CLEANING SYSTEM

One of our special projects was the development of a 3-CHAMBER-SYSTEM for a continuous wire cleaning application with an external oil separation unit. The wire is fed into the system via a pilot bushing. The cleaning is performed in a 2.6 m long small chamber with an alkaline cleaner and a very high ultrasonic power. Rinsing and drying of the cleaned wire takes place in two connected 20 cm small chambers. The wire is exited via a second pilot bushing to an external coating system.



System with closed lids of the individual chambers:

A: ULTRASONIC CLEANING

B: RINSING

C: DRYING

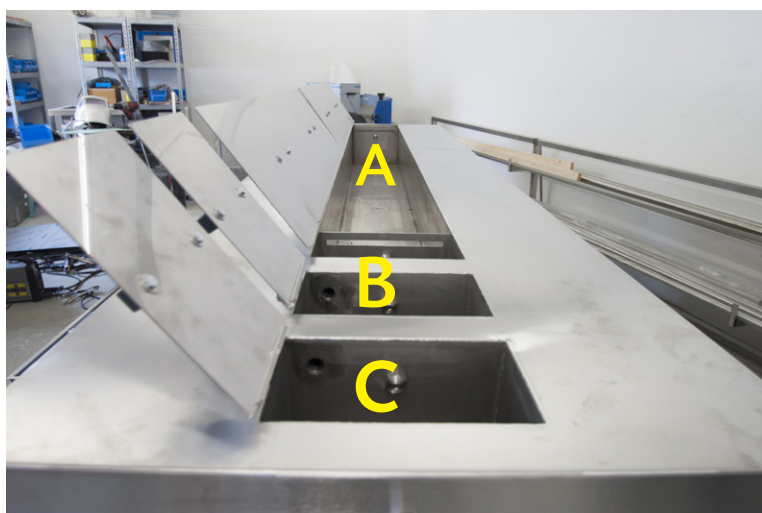
SYSTEM WIDTH: 300 CM

SYSTEM DEPTH: 85 CM

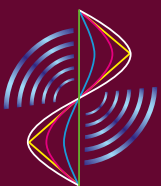
SYSTEM HEIGHT: 120 CM

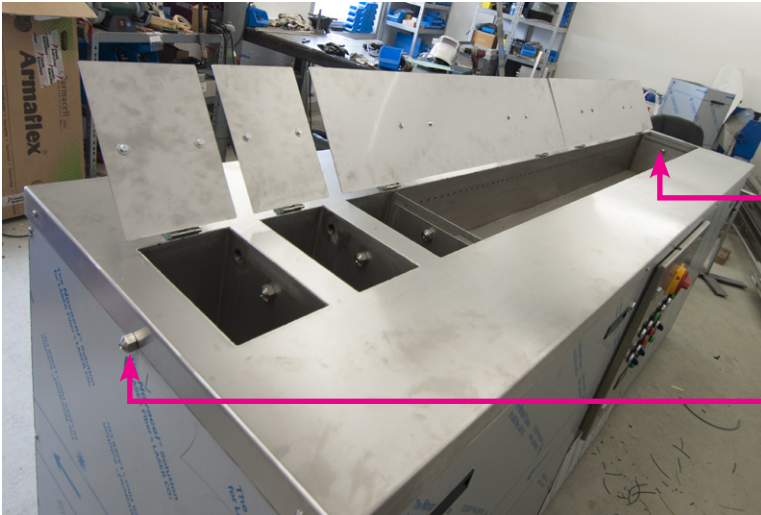
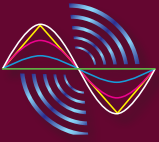


System with opened lids of the individual chambers.



Side view.





System with opened lids of the individual chambers.

WIRE ENTRANCE

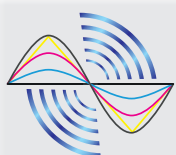
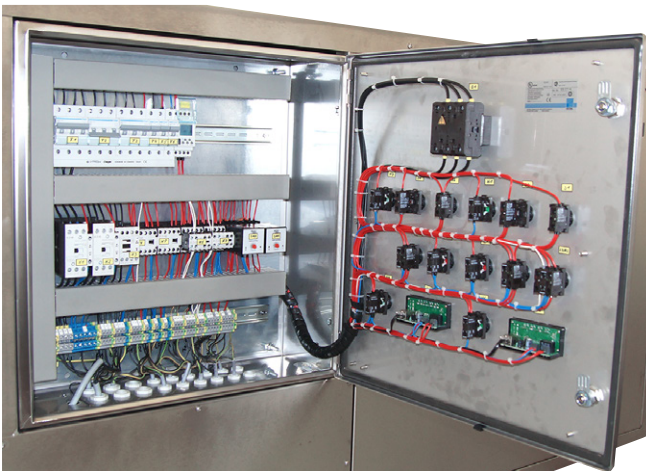
WIRE EXIT



On its rear side the system is equipped with an Oil-Separation-System.

Four ball valves are mounted for water intake to the cleaning and flushing chambers, draining the saturated cleaning liquid and supplying the compressed air for the drying chamber.

Control Panel for system operations



SCHMITT
ULTRASCHALLTECHNIK GmbH

Albert-Schweitzer-Strasse 6
D-63165 Muehlheim | Germany

Tel: +49 (0)61 08.79 34 41 | Fax: +49 (0)61 08.79 34 42
info@schmitt-ultraschall.de | www.schmitt-ultrasound.com

