



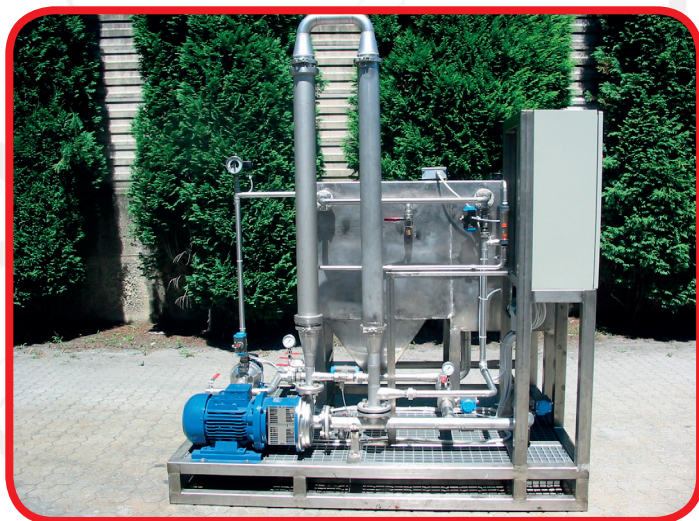
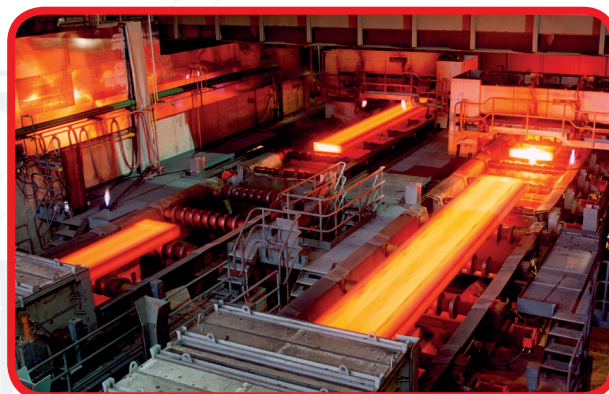
# Ultrafiltration

## RS - General Industry and Power Generation

### Steel Processing and Metal Finishing



The manufacture of stainless steel involves a series of processes. First, the steel is melted, then it is casted into solid form. After various forming steps, the steel is heat treated and then cleaned and polished to give it the desired finish. Water is a crucial component at every stage of metal processing and finishing and large amounts of water are utilized throughout the entire process for cooling, washing, conditioning, lubricating, etching and plating. Metal finishing entails a wide variety of processes which provide the surfaces of manufactured products with a number of desirable physical, chemical, and appearance qualities.



### Application : Ultrafiltration



PUMP: RSM 32 20C 4B40 C181 3  
 PERFORMANCE: Flow 15 m<sup>3</sup>/h – head 40 m  
 LIQUID: water with oil emulsions

Ultrafiltration (UF) can be used to purify and recover water in waste oil emulsions from metal working processes such as turning, milling, grinding, rolling and degreasing, to reduce costs for waste handling.

### RS SERIES



Impeller type: **vortex**.  
 Discharge sizes: **from 3/4" M to DN 65**.  
 Maximum working pressure: **up to 8 bar - according to the pump size**.  
 Flow rate: **up to 100 m<sup>3</sup> /hr**.  
 Differential head: **up to 60 m**.  
 Same interaxis of ISO 5199 chemical norm pumps: easy interchangeability.

