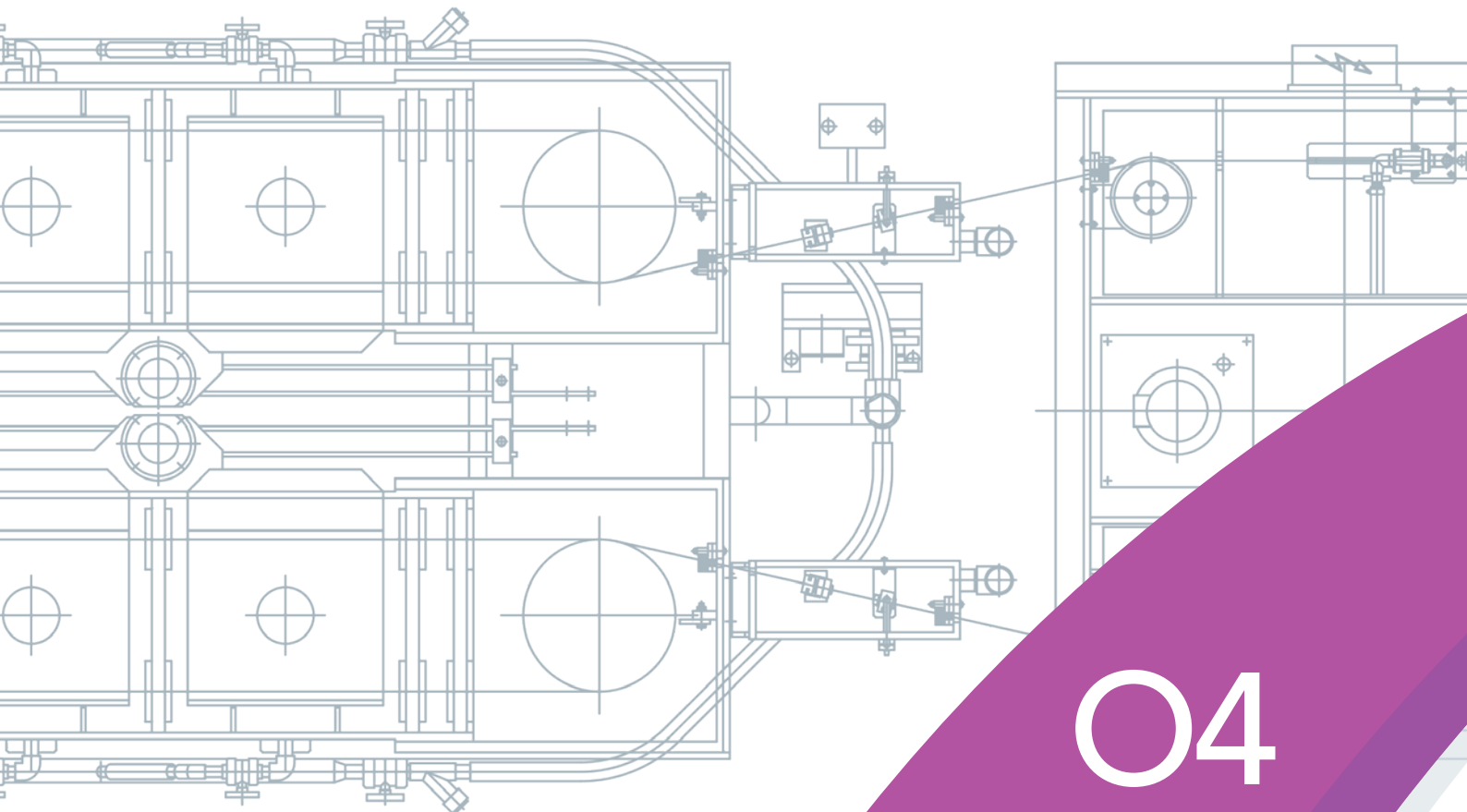




**EURODRAW**  
WIRE EQUIPMENT

## **SURFACE TREATMENT LINES**

WIRE CLEANING AND PLATING EQUIPMENT FOR EVERY PRODUCTION REQUIREMENT



**04**

04.01 **BATCH PICKLING PLANTS**  
THE MOST ECONOMICAL SOLUTION FOR QUALITY PRODUCTION

04.02 **MULTI-WIRE PICKLING LINES**  
H<sub>2</sub>SO<sub>4</sub> ELECTROLYTIC PICKLING AND HCl PICKLING LINES

04.03 **DEGREASING UNITS**  
WITH ANNEALING FURNACES, WIRE DRAWING MACHINES, PLATING SECTIONS

04.04 **MULTI-WIRE ELECTRO-PLATING LINES**  
FOR PRODUCTION OF COPPER, NICKEL, TIN, ZINC-PLATED WIRE AND OTHERS

04.05 **MONO-WIRE ELECTRO-PLATING LINES**  
HIGH SPEED LINES FOR APPLICATIONS WITH MAXIMUM PLATING FLEXIBILITY

04.06 **CHEMICAL PLATING LINES**  
FOR PRODUCTION OF BEAD WIRE AND CO<sub>2</sub> WELDING WIRE

04.07 **KNOW-HOW, ACCESSORIES AND SERVICES**  
KNOW-HOW AND TECHNOLOGY FOR ELECTRO-PLATED WIRE

## BATCH PICKLING PLANTS

THE MOST ECONOMICAL SOLUTION FOR QUALITY PRODUCTION

Every modern wire factory starts with a fully automated state-of-the-art wire rod batch pickling plant.

Eurodraw Wire Equipment, in cooperation with VJL Technologies, builds the most modern, environmental friendly and efficient plants for pickling wire rod with hazardous emissions that are virtually zero.

Plants can be designed for hydrochloric or sulphuric acid pickling, with capacity of 60,000 to 240,000 t/year.

Plant configuration can be either "tunnel" or "open design" and are equipped with acid recovery and regeneration systems, waste water treatment systems, clarifiers, scrubbers and filter presses for phosphate sludge.

The pickling sequences are managed by sophisticated SCADA systems that operate two rigid automatic cranes and optimize coil movements in order to reduce process time to a minimum. Different pickling sequence programs can be selected in order to process wire rod coils of different grades that require different process times.

A state-of-the-art batch pickling plant is the key to successful wire production and is the most economical solution to assure consistent wire quality.

