

## Brief introduction to EJP Maschinen GmbH

For over 35 years, EJP Maschinen GmbH has been the reliable partner for custom production systems for cold finishing of wires, bars, tubes and profiles.

We look back with pride on numerous installations in the world's most important industrial sites.

Research and development plays an important role in the growing number of customers.

In particular, our production program includes:

**Combined wire drawing machines** are mainly used to produce metallic luster bars or tubes from coiled (straight, in some cases) materials. Depending on the material (steel, brass, copper, aluminum, etc.) and the type of section of the product made, the systems contain different components.

Precision wire drawing benches are used when the application cannot be made, for economic or technological reasons, on a combined wire drawing machine. They can be proposed in a complete line, in combination with saws, shears, straightening machines, chamfering machines, etc.

Planing machines for the production of steel with a metallic luster, to h8/h9 tolerances, with a diameter from 8 to 450 mm. Depending on the requirements, they can be proposed in the production configuration of bars from bars or bars from coils. They can be proposed as stand-alone machines or in a complete line, in combination with other equipment.

Precision straightening machines. Depending on the section and characteristics of the materials to be straightened, we offer different types of straightening machines: Two-cylinder straightening machines, profile straightening machines, nine-cylinder straightening machines, tube straightening machines, straightening presses, wire straightening machines .

Since 1994, EJP Tosca GmbH has been supplying metal shot blasting (sandblasting) machines for a wide range of applications, with continuous development of designs and performance over the years.

Below is a list of the main products:

**Spraying machines with metal blades (sandblasting) in line**, to be installed at the entrance of wire drawing lines and rolling lines at cold

**Coiled Wire Metal Spray (Sandblasting) Machines** designed for the chemical pickling treatment of coiled wire. Surface cleaning of the wire (removal of scale and oxides) takes place by centrifugal spraying of metal blades, executed on one or more sets of turbines positioned all around.

**Spraying machines with metal propellers (sandblasting) with rollers** designed for mechanical cleaning of sheet metal, profiles, multiple bars and composite structures (continuous tunnel installations).

**Pipe blasting (sandblasting) machines** designed for the treatment of steel pipes. Usually, the materials to be processed are handled by an inclined roller conveyor, equipped with an adjustable feed speed (inverter).

**Hook-mounted metal shot blasting (sandblasting) machines** designed to treat items such as castings, welded structures, etc. The parts are hung individually or grouped on the hooks of two or more suspended carriages, which move by manual control on a suspended monorail.

**Continuous Monorail/Hook Metal Splicing (Sandblasting) Machines** are a particularly versatile solution for the treatment of parts hung individually or grouped on the hooks (with motorized translation) of an overhead monorail conveyor.

**Spraying machines with metal propellers (sandblasting) with winch** are served by a special sliding winch that **moves on a suspended monorail, which performs all the movements of the parts within the operating cycle (lifting, transporting, rotating when spraying), thus completely freeing the machines of the company.**

**Tunnel metal shot blasting machines (sandblasting)** for composite structures, moved using a pair of sliding winches on a suspended monorail.

**Metal vane (sandblasting) machines with continuous horizontal conveyor belt** are a versatile solution particularly suitable for steel and aluminum parts which, for shape or plasticizing reasons, cannot be treated on a traditional metal vane blasting machine with conveyor belt.

**Continuous drum metal shot blasting (sandblasting) machines** are particularly suitable for treating **small hot-cast or forged parts (brass, plumbing fittings and fixtures) or injection-molded aluminum parts.**

**Spraying machines with metal propellers (sandblasting) with table-satellite** designed for continuous cycle treatment of **small parts to be sandblasted and/or granulated, equipped with automatic loading/unloading, using an anthropomorphic robot, or manual.**