



## Experts in metal plasticization and sandblasting

*Since 1989 Dres-Plast has specialized in plasticizing ferrous materials and sandblasting or special shot blasting of metals, plastics and wood.*

**Dres-Plast** has a thermo-plastic coating plant for ferrous materials unparalleled in Italy for size, power and precision and a pre-established sandblasting system for surfaces in metal, wood and plastic that guarantees accurate and fast results for both medium and large elements.

### METAL PLASTICIZATION

The application process involves submerging the part in a fluidized bed. Before proceeding with plastic coating the surface needs to be suitably prepared by de-greasing or shot blasting.

During this process, the item is pre-heated in a small / medium / large conveyor kiln. It is then placed in a fluidized bed, which is a tank containing various types of thermoplastic materials in powder form.

The metal plasticization offering remarkable advantages: makes the metal surfaces resistant to abrasion, corrosion, tearing, compression, to chemicals, flame, ozone, UV rays and is a good thermal and electrical insulator.

### SANDBLASTING AND SHOT BLASTING

These treatments, carried out on structures and components of any type, are preliminary operations to painting and laying anti corrosion substances.

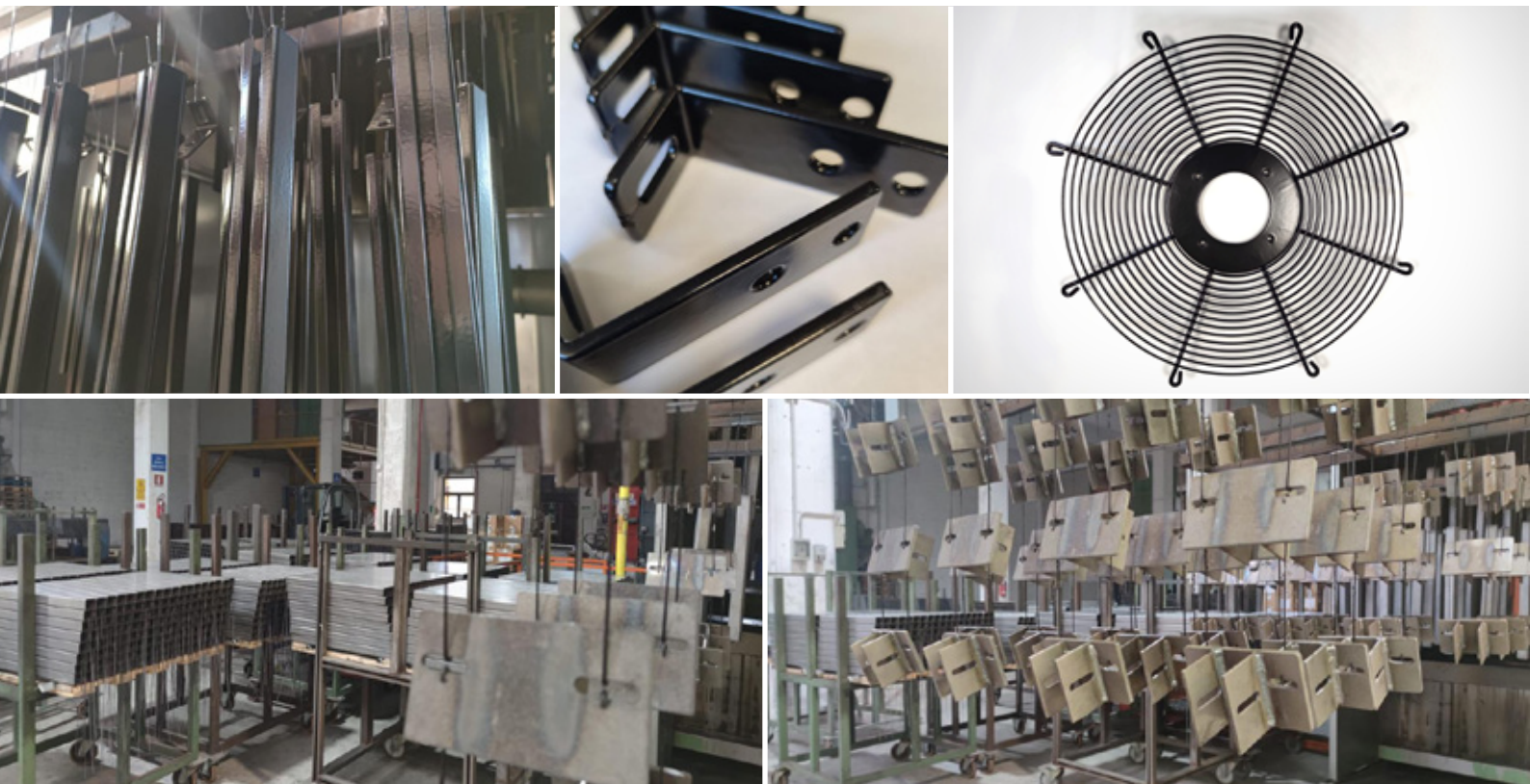
Said treatments are required for a deep cleaning of the surfaces intended for removing all those residual substances which may prevent an optimal grip of the subsequently applied coatings.

The sanding treatment is performed using an automatic systems which shoot at high speed a metal abrasive agent consisting of steel or other material granules having different dimensions.



## WHY CHOOSE DRES-PLAST?

- Fluidized bed plastic coating oven among the **largest in Italy**
- Different **sandblasting and shot blasting processes**
- Technical analysis and prototype processing **free**
- Evaluation of thickness and choice of plastic coating material **most suitable**
- **Speed in the realization** of the workings e **punctuality** in delivery
- **Competitive** and **free quotes** also for minimum or single quantities



## OUR COMMITMENT TO THE ENVIRONMENT



There **sensitivity to the environment** is one of the strengths of **Dres-Plast**, in fact over the years, our **ecological commitment** has grown steadily.

Today all our work is performed in sustainable way.

To achieve this we have also installed a **COV abatement system** compliant with the most stringent regulations that are monitored by **Industrial Plant Data Viewer**.



**Dres-Plast guarantees a very low impact on the environment, for greater sustainability.**

