A waterborne coating line

Impianti di finitura ecocompatibili

Tecnofirma is a joint stock company that has been a leader in industrial washing and painting of plastics, metals, glass, wood and paper throughout the world for over 50 years. The theme of ecological compatibility in the field of surface treatment is now in the spotlight: painting and washing machines are known to be energy consuming and polluting and are therefore viewed with suspicion by potential users. Researchers have been working for years to find eco-friendly solutions and recently Tecnofirma has seen a more open attitude of the market towards these new technologies. On one hand, world public opinion focused on environmental issues encourages investors to seek solutions that ensure not only productivity and efficiency but also produce a positive company image. On the other hand, for investors, new technologies are very important because they decrease energy consumption, and consequently, reduce operating costs and have marked impact on the finished product. For example, in the past, our clients favoured those machines that had oversized components. Today, the reverse is true. There is a preference for lighter solutions that guarantee reliability and effectiveness. To say it in other words, it is as if, in valuing a car, attention shifts from its design and horsepower to its maintenance cost and reduced fuel consumption!

Hence the need to return to customized solutions that can take maximum advantage of opportunities and customer needs: a machine that possesses a certain detail but consumes the triple the energy is no longer desirable! When you project a new plant you have to consider aspects as space, waste water discharge, integration in the working contest, environmental sustainability.

Here is the best solution for those who want to consider a “green” finishing machine: it is the one that has a nanotechnological pretreatment with zero discharge, uses powder coatings or water-based painting products, installs energy-efficient components, recovers heat from the ovens and is powered by solar energy.

For further information: www.tecnofirma.com

Impianto di verniciatura con vernice base acqua