

Distek

Distek Anti-Corrosion Coating Lines Save Energy, Reduce Waste and Lower Costs



Distek thermal diffusion galvanising (TDG) coating lines offer a wide range of time and cost savings.

Distek enables manufacturers to run anti-corrosion coating lines in-house thanks to their simple, green operation. This means there's no need for on-site engineers or permits from environmental authorities.

Not only do customers gain a superior anti-corrosion solution; they also benefit from the improved efficiencies the technology enables, which saves them time and money.

Save Money by Bringing Coating In-House

Of course, the most significant savings come from simply being able to do your anti-corrosion

coating in-house.

“With our solution you can make anti-corrosion coating an integral part of your production process in-house – you can make your parts, coat them and then they’re simply ready to ship,” says Moshe Shmidov, Global Marketing and Business Development Manager, Distek.

“This way, you save time and all the costs related to transporting



the parts back and forth to coating providers. Furthermore, the coating providers should naturally profit too, so they charge extra, but when doing the coating in-house, manufacturers only pay the cost.”

Significant Energy Savings

At a time when the cost of energy continues to make headlines, minimising its use is a key priority for businesses across the world.

Distek’s solution can dramatically help with this, as it offers significant energy savings when compared to other market offerings that use the conventional hot-dip galvanising (HDG) method.

This power-hungry approach requires what is essentially a ‘big bath’ of zinc to be consistently maintained at 600 degrees centigrade, whereas Distek’s thermal diffusion coating process is carried out at much lower temperatures.

Meaningful energy savings are clear, but added to this is the ability to simply switch machines on and off as needed, rather than continuously maintain a high temperature. This

provides yet another opportunity to minimise energy use, which not only saves money, but can also improve an organisation’s green credentials.

No Waste

In fact, Distek’s entire anti-corrosion coating process is green – no wastewater, hazardous materials or polluting waste come from the procedure.

The closed system includes a water cleaning process that recycles the

water, while its dry process ensures there are no acid or toxic elements.

“We are completely green – a great advantage in an industry where environmental issues are of huge importance,” says Shmidov.

“In the past, anti-corrosion coating facilities would need to get specific permissions and have staff that knew how to safely handle polluting waste. With our solution, because it’s completely green, customers don’t have to deal with anything like this,” he says proudly.

Stronger Corrosion Resistance

Distek’s thermal diffusion method also ensures that the final products are long-lasting, which provides benefits of its own.

Omega, a component producer in Croatia, has been running a Distek coating line for over nine years and



has seen these benefits first-hand.

“Take a steel object used in construction that’s constantly being used – such as a part for scaffolding and supports,” says Marko Premužić, Chief Operating Officer at Omega. “Let’s say you have 10,000 of these on a construction site. If you compare objects processed by thermal diffusion to those that went through the HDG process, you’ll find that the former is much more resistant to wear and will last several times longer.”

“This offers some serious savings, as there’s no need to buy expensive new parts when the old ones are still functional and rust-free.”

Ongoing Support

As part of a business relationship with Distek, customers are ensured on-going support, which means no concerns around unexpected downtime and its possible related costs.

“When I look back, I can say that we’re not only satisfied with Distek’s

thermal diffusion zinc coating solution, but also our business relationship with them,” says Premužić.

“We’ve been working with them since 2013; we purchase raw materials from them, use their solution almost 24/7, 365, and have so far never had to pay any excesses on the machines and been able to contact them whenever needed via the support line.

“What’s important not only to

me, but every businessman, is not having to worry about the operation of our machines,” he says.

Distek – Your Anti-Corrosion Coating Partner

Providing an attractive cost-benefit ratio and a superior anti-corrosion solution, it’s easy to see why Distek is chosen by dozens of clients around the world.



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Get in touch to learn more about how your organisation can benefit from Distek coating technology – simply email market@distekgroup.com.

