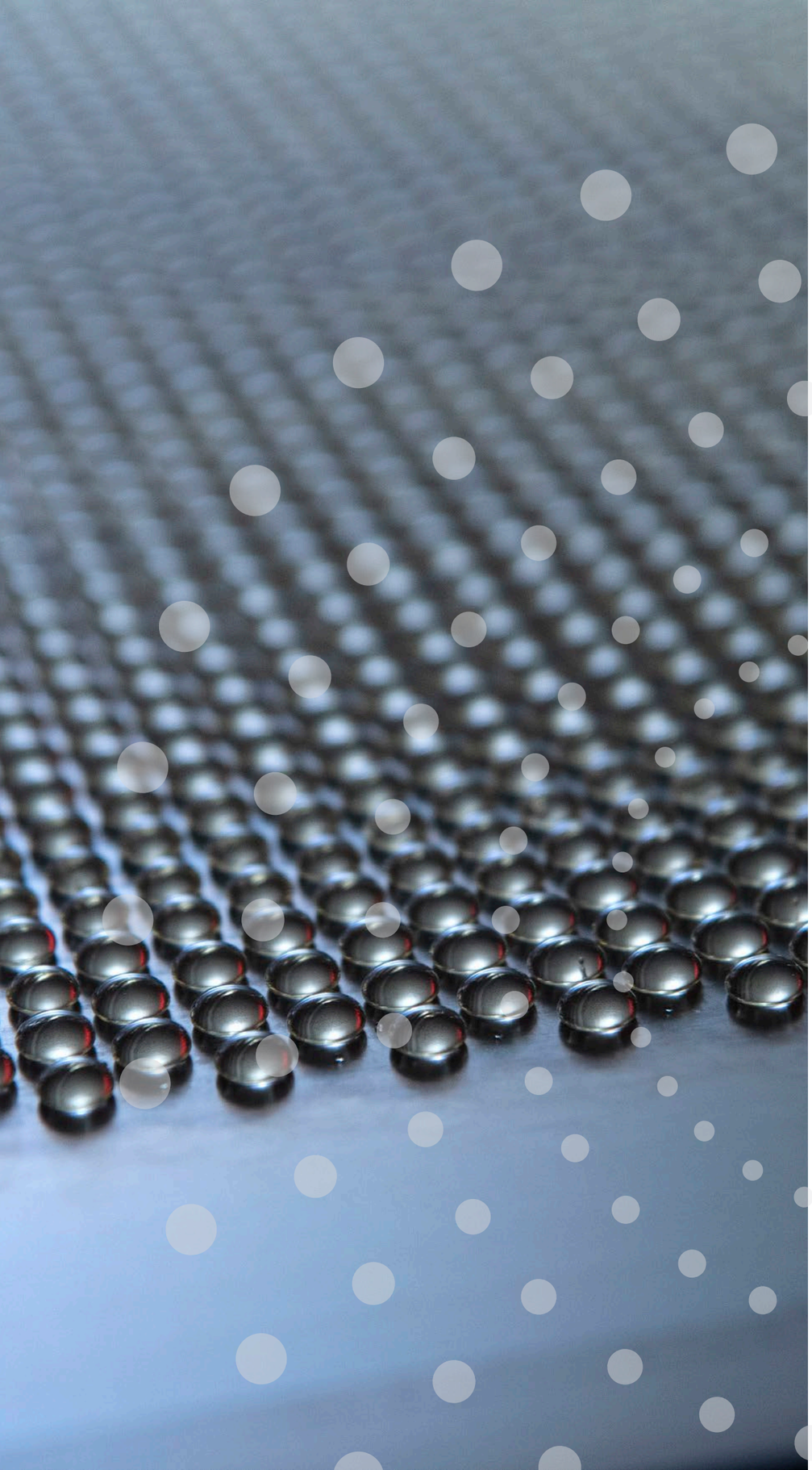


Collaborative partnership:
Customer-focused steel belt troubleshooting, service and maintenance

Covestro was experiencing repeated minor problems with their resin cooling lines and was concerned about safety in their plant. Full inspection reports with recommendations mean they can make an informed decision about next steps.

Challenge

With three hardworking lines and a lapsed maintenance contract, Covestro needed an expert assessment to help them future-proof production:

Productivity
Wear and tear on lines several decades old was beginning to cause serial problems and unplanned downtime.

Safety concerns
Covestro knew some components were approaching end of life and wanted to prioritize staff safety before there was any structural risk to the lines.

Solution

IPCO sent an expert team to undertake two detailed inspections for each line, one for predictive inspection and another for the preventive maintenance.

Initial inspection
All moving parts and belt-contact parts were observed and measured and a detailed report prepared.

Further inspection and recommendations
In response to issues uncovered by the first inspection, IPCO engineers returned and completed a further in-depth inspection. They sent Covestro a list of recommended actions, including a range of repair/ replacement options.

IPCO service team proposes a range of solutions to future-proof key lines

Covestro is a global company founded in Germany that produces high-quality resins for a wide range of applications. They have four production sites in Spain, including Barcelona-Zona Franca, which produces more than 80 products for use in industries including automotive, furniture, construction and packaging.

The site uses four steel belts over three lines, one of which is a double belt cooler. They have used IPCO belts since the 1990s, but in recent years their service contracts have lapsed.

Over time, small issues can develop in older lines. When Covestro began experiencing repeated problems, they turned to IPCO for troubleshooting and maintenance, hoping to extend the life of their steel belts and ensure long-term plant safety. An initial inspection showed significant wear and tear, including some corrosion, all detailed in the first report. Covestro then requested a further inspection, so they could fully understand what was required in terms of repair and parts – and whether any belts would need full replacement.

The second report set out in detail the remedial action required and made a range of recommendations, allowing Covestro to choose a safe and effective option based on their budget and productivity targets.

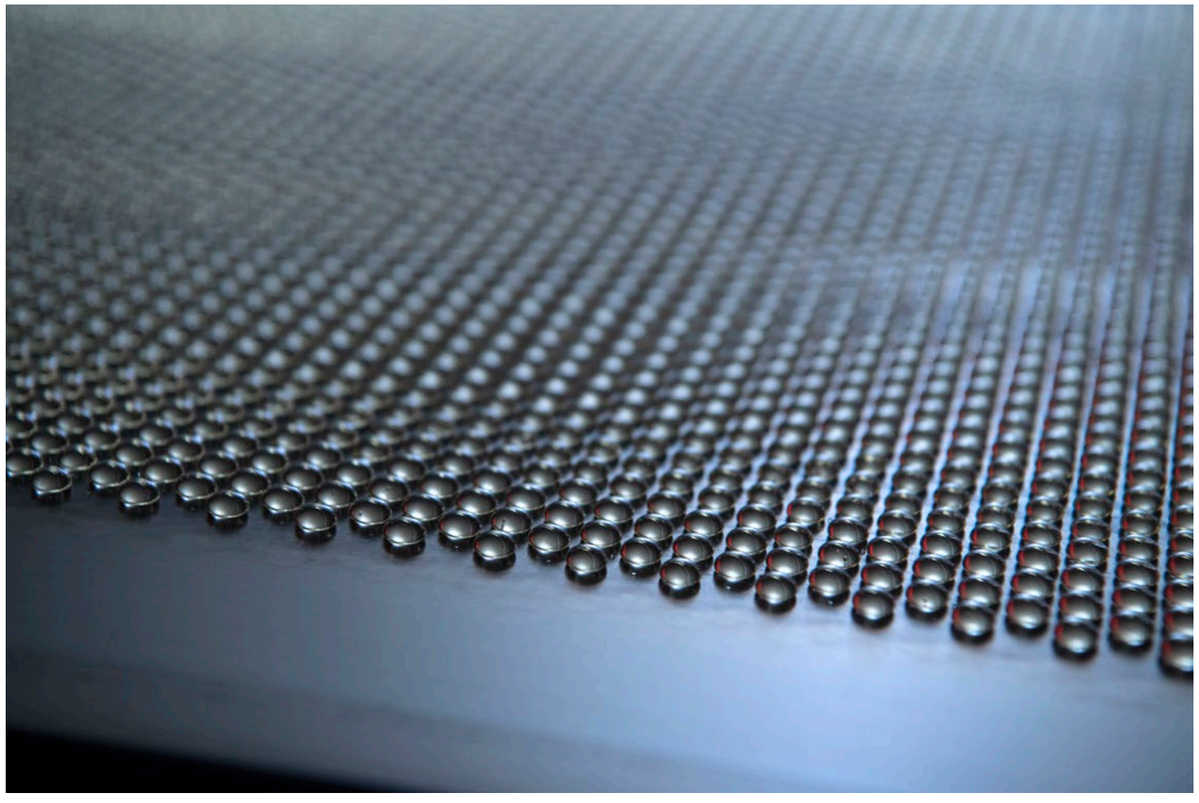
"IPCO demonstrates great professionalism and technical knowledge. As a company that makes safety a priority, we at Covestro greatly appreciate IPCO's speed, efficiency and commitment to the smooth operation of our facilities."

José María Carrión, Maintenance Manager, Covestro

System features

- **Investing in the future of your steel belt applications:** steel belt services include preventive maintenance, support and troubleshooting when you need it, delivered by our network of skilled service engineers.

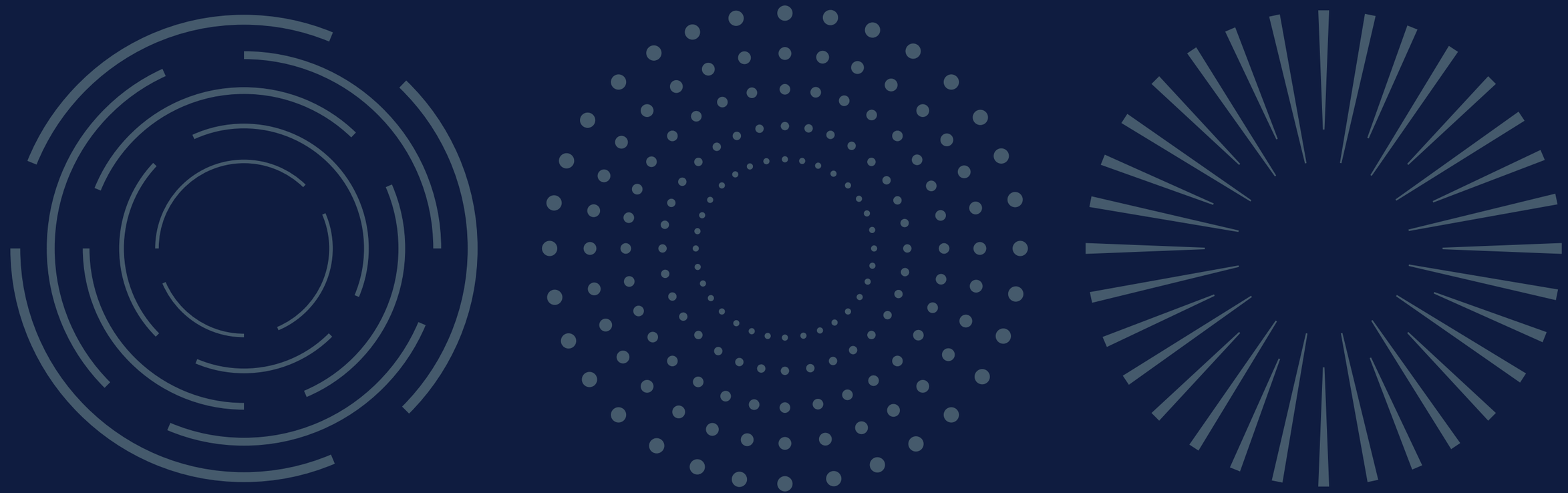
Because IPCO works in close partnership with customers, we are always mindful of their priorities. We will always discuss the most appropriate course of action and set out clearly the pros and cons of various repair/ replacement options.





IPCO: Your partner throughout the life of your belt

- **Support and services**
  Whether your steel belt needs cleaning, inspecting, repairing or replacing, our service teams are ready to help when you need us. We can even train your staff to get the best out of your belt applications.
- **Belt services and support to increase your uptime**
  A well-maintained belt will keep your operations running smoothly and is likely to last longer overall. Optimize your performance with IPCO's complete range of belt service – from inspection to maintenance, from repairs and upgrades to replacements.
- **Well-equipped teams there when you need them**
  Our skilled IPCO service technicians provide rapid, on-site expertise and are equipped with state-of-the-art tools. They can install, repair, inspect and maintain belts and complex equipment.



IPCO has a long history of delivering advanced technological solutions for various industrial processes. With over 125 years of experience in steel belt and manufacturing equipment, we continuously push the boundaries of innovation.

ipco.com

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