

—STEEL—BELTS— —FOR—WBP

Premium quality steel belts for WBP production

IPCO is a world-leading supplier of premium quality steel press belts used in the production of wood-based panel products including particle board, MDF, OSB and LVL.

The company has played a pivotal role in the wood-based panel industry for more than 75 years (previously operating as Sandvik Process Systems), developing the belt materials, production technologies and engineering standards that enable the production of premium quality board materials.

Sascha Porst is IPCO's Global Product Manager for the WBP industry: "We continually work to improve the tolerances we are able to offer – thickness deviation, flatness and straightness – and our ability to meet demanding delivery schedules. The quality of our belts helps to maximize press productivity and the same applies to our service capabilities."



"A genuinely global service presence means we're able to deliver fast, effective repairs to support customers anywhere in the world."

—STEEL BELTS AND SERVICE SUPPORT FOR THE GLOBAL WBP INDUSTRY

Choose IPCO as your partner in WBP productivity and get the best of all worlds: 'Made in Sweden' quality; the strength of a global business; and the local understanding of our sales and service teams.



- ✓ Swedish-based multinational: 600 employees, 30+ sales/service offices.
- ✓ World class belt manufacturing: 1.2 to 3.5 mm thick, up to 4620 mm wide.
- ✓ Engineering expertise based on 120 years' partnership with wood industry.
- ✓ Certified to ISO 9001:2015, ISO 14001 and ISO 45001:2018.



WORLD CLASS MANUFACTURING

A Swedish-based multinational with around 600 employees and more than 30 offices around the world, IPCO combines the strengths of a global business with the expertise and know-how of local sales and service teams. We manufacture belts for WBP production in a choice of steel grades and sizes to meet the needs of different press types.

	IPCO 1100C	IPCO 1650SM
Press type	Single opening press	Double belt press
Thicknesses	1.2, 1.4 mm	2.0-3.5 mm
Max. width	3 500 mm	4 620 mm





QUICKDISC PRO 500 DELIVERS FASTER, BETTER BELT REPAIR

Our QuickDisc range of tools allows fast and effective repair of steel press belts, minimising press downtime and ensuring repairs of the highest standard to maintain maximum board quality.

The latest and most advanced member of this family is the QuickDisc Plus 500, a self contained cutting and welding system that can be used to remove and replace damaged areas up to 480 mm in diameter on steel press belts.



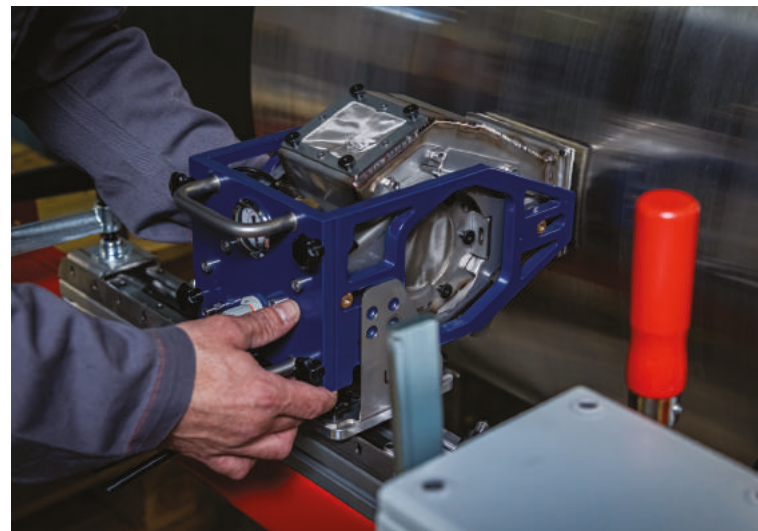
QUALITY AND ENVIRONMENTAL MANAGEMENT

We aim to meet customer expectations and requirements for all products and services, and to minimize our impact on the environment.

We do this by implementing stringent quality controls throughout the manufacturing process, from selection of raw materials, through production systems and technologies, to rigorous checking of the final product. We are certified to ISO 9001, ISO 14001 and ISO 45001:2018.



Shotpeener Pro boosts flattening capacity by 30%



Our new Shotpeener Pro tool is used to repair deformities that can appear in a press belt over time, and can be employed without stopping production or dismantling the belt.

Steel balls are blasted at high pressure across the width of a belt as it turns around the terminal drum. This equalises stresses on both sides of the belt to remove deformations and eliminate associated issues such as tracking problems, high stresses and risk of accidental damage.

Flattening capacity of this new model has been increased by 30%, enabling the restoration of belts that might previously have been beyond repair.



GLOBAL SERVICE, LOCAL EXPERTISE

Belt damage is an unavoidable fact of life in the WBP environment and repairs have to be both quick and effective to minimize downtime and ensure that board quality is maintained.

We have invested in a global service infrastructure that combines on-the-ground expertise with the dedicated skills and expertise of press belt experts.

Our local service teams are trained and equipped to carry out installations, belt checks, preventative maintenance and repairs. For issues where more specialised expertise is required, IPCO's Press Priority Team can be assigned to support customers anywhere in the world at short notice.

- Service line for 24/7 support.
- Easy access to specialist technicians.
- Steel belt inspection, repair and replacement.
- Spare parts, consumables and tools.
- Seminars and in-house training.

Press belts for thin board production

Strong, stable and inexpensive, thin fibreboard is widely used in the manufacture of furniture, where its fine fibred surface supports the application of a wide range of coatings including laminate, paint, foil and veneer.

Production of premium quality thin boards requires thick belts manufactured to extremely fine tolerances, measured to within a matter of microns. Every IPCO press belt already undergoes strict testing as part of the grinding process but belts for this application are assessed to even finer tolerances.

