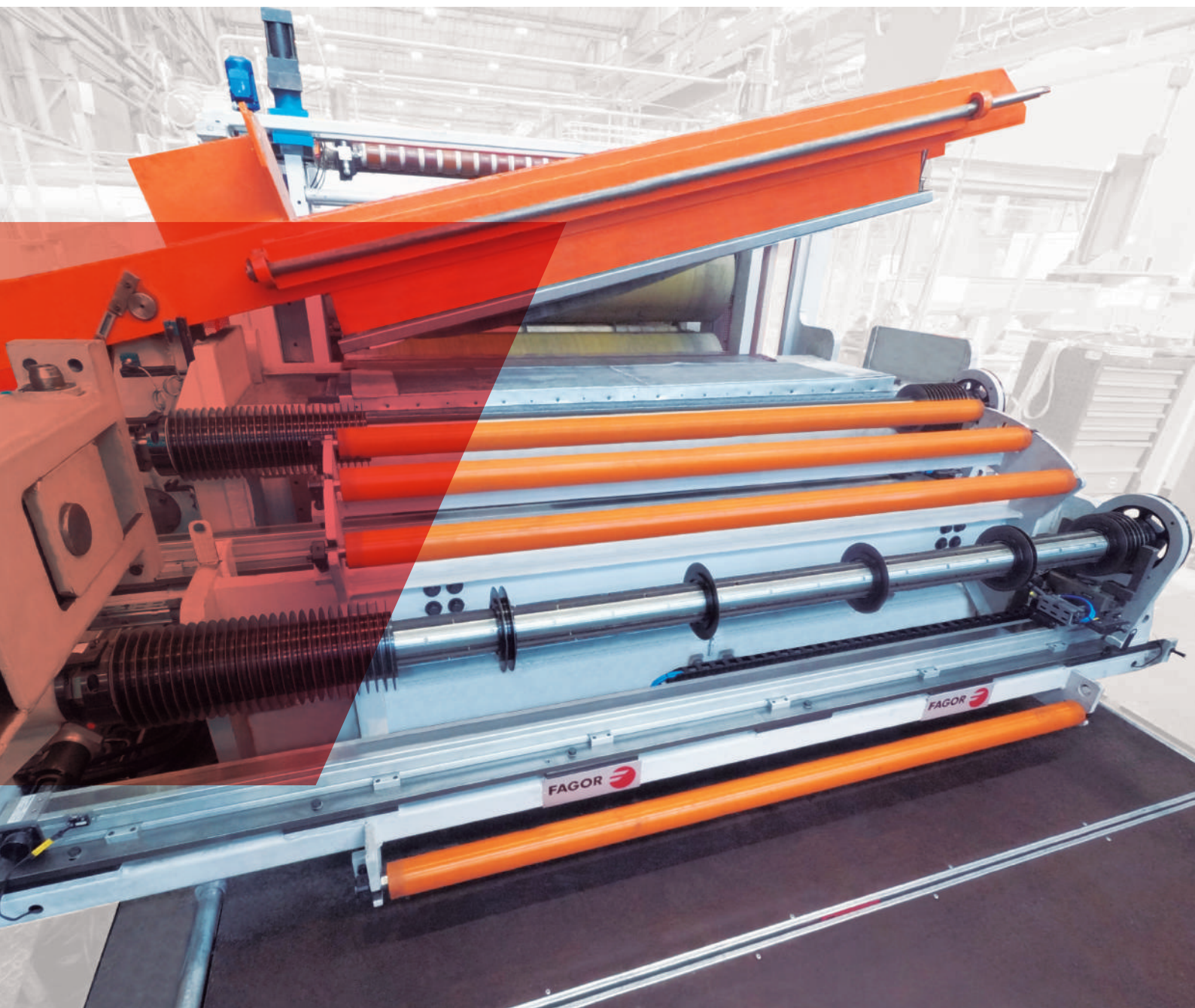
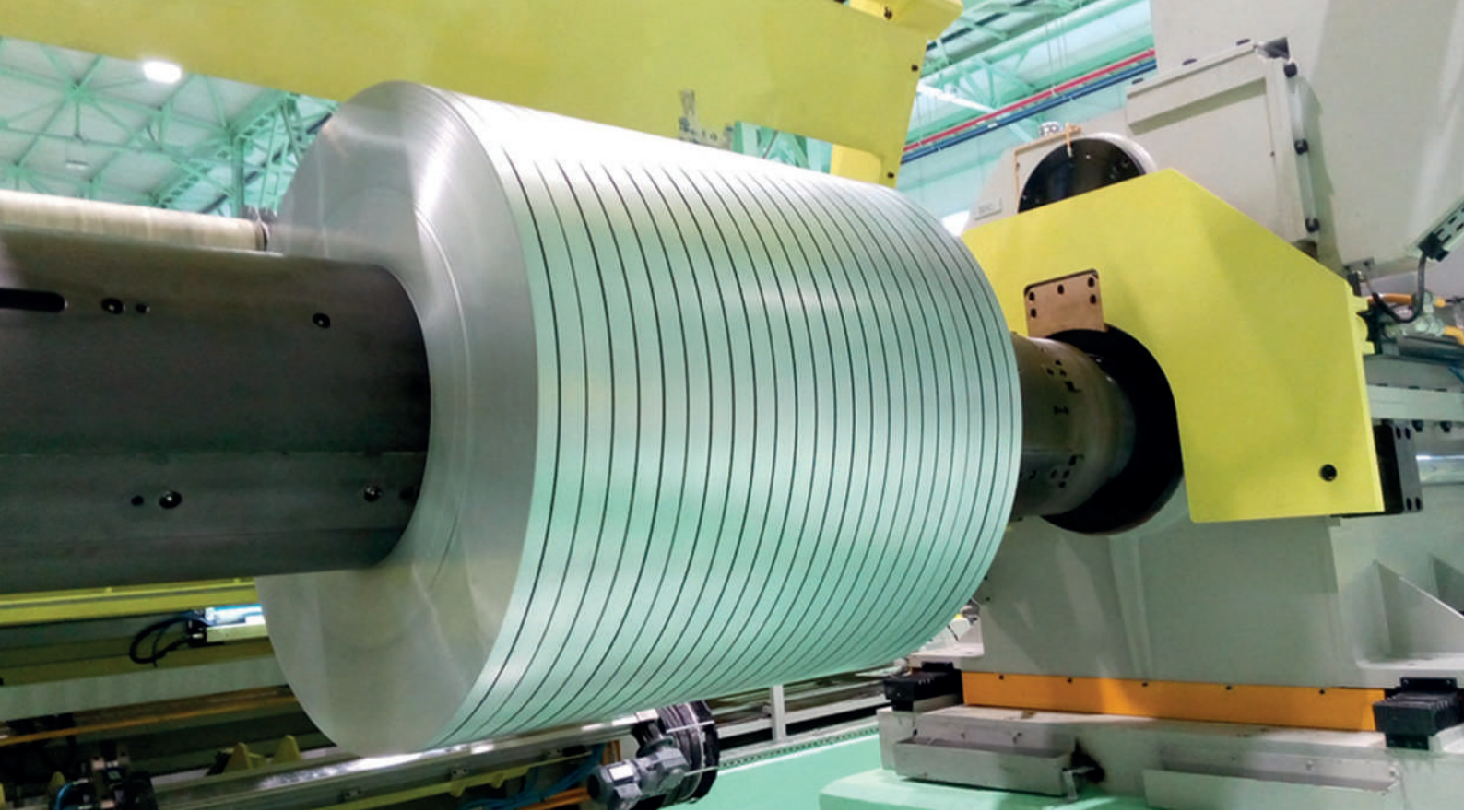


UPGRADE OF AUTOMATIC SEPARATORS FOR SLITTING LINES

Productivity and safety improvement





Automations for Slitting Lines

High precision slitter heads.

As a world specialist in the design and manufacture of Slitting Lines, Fagor Arrasate's lines are characterized by high demands in terms of productivity and reliability. In this sense, the reduction of changing times between coils is one of the key parameters to achieve OEE values unreachable with methods used in current lines.

In order to improve the productivity of our customers, in Fagor Arrasate we have developed our own solution through an automatic positioning system of the separator axes.



OEE improvement

Increase in productivity by reducing changeover time. Changeover time can be overlapped with other operations, maximum time is 2 minutes.



Improved ergonomics and safety

The operator does not need to access the processing areas of the line. In addition, the operator does not use hands, nor does he carry weight.



Shacking system

Help for threading with the Shacking System.



Installation in lines of other brands



Reduction of operator hours

Estimated 15 minutes for each changeover, 2 changeovers per hour, 4 hours of operator savings per shift (50% of current work).



Precise positioning

Drastic reduction of positioning errors and lost time due to production downtime.



Avoid damage to slit edges

Unique design optimized to work with delicate materials due to the shaft offset, independent rotation of spacers.



More than 15 references worldwide

With two or more separator shafts in each reference.

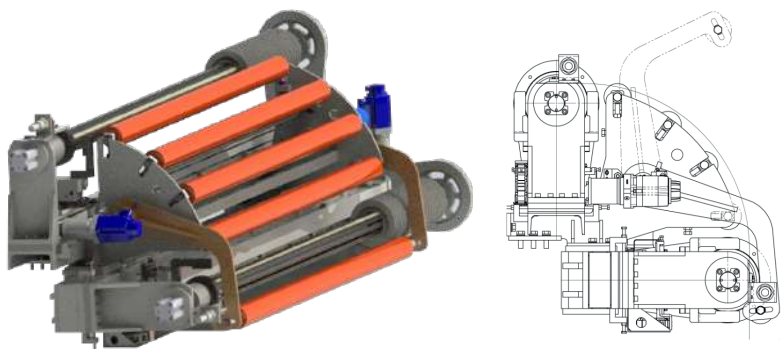
Technical Specifications



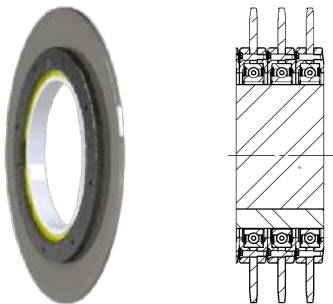
Main features

Pneumatic expandable axes	Ø100 - Ø120	Thickness of spacers (mm)	3 - 4 - 5 - 7 - 9
Processed from sheet metal	Up to 6 mm	Location	Possibility to put in different zones
Positioning and picking times	35 separators in less than 2 minutes	Adjustment of sheet metal between spacers in the threading	Shacking system
Stopping time for retrofitting		5 days	

Machine design



Separator design



Customer Story

Fagor Arrasate upgraded 7 cutting lines distributed throughout Europe to considerably improve productivity.

Challenge

Modernization and automation of 7 longitudinal slitting lines of one of the biggest steel producers in the world distributed in plants in Belgium, Germany and France. These lines were not manufactured by Fagor Arrasate.

Solution

Lines automation and improvements the ergonomics and safety for operators in a short time period. The improved cutting lines cover:

- Thicknesses from 0.3 to 4 mm and widths up to 1,850 mm.
- Each separator shaft includes up to 42 separators from 3 to 9 mm.

The implemented system is capable of carrying out the positioning and withdrawal of 33 separators in 2 minutes, which notably improves productivity as it reduces the work of the operators.

BEFORE RETROFITTING



AFTER RETROFITTING



CLOSER TO YOU

Our commitment is to offer an expert, close and direct service.



**ASSISTANCE
AND MAINTENANCE**



SPARE PARTS



**MODERNIZATIONS
AND UPGRADES**



**ADVANCED
ASSISTANCE**

Your best partner for the Digital Revolution

At Fagor Arrasate, we want our customers to get the very best performance from their installations, which is why we have developed various technologies for optimising processes, increasing productivity, remotely monitoring installations and improving production quality, all encompassed by the FAGOR SMART-CONNECT concept.

The numerous installations throughout the world where these innovative systems are implemented, make Fagor Arrasate the best partner for the Industry 4.0 revolution.

