

No Twist Coiler (NTC)

For high-quality wire coiling of solid, flux core and spring wire



Key Features:

- ✓ High machine flexibility:
 - Suitable for welding, flux core, spring and staple wire
 - Can be used with a range of different sized and shaped drums
- ✓ Special flyer design for high-speed quality coiling up to 40m/s
- ✓ Minimum environmental footprint

TECHNICAL DATA:

Line Configuration Pay-off – Dancer Arm – Coiler

Wire quality:	Welding, flux core, spring and staple wire
Line speed:	Up to 40 m/s
Block diameter:	900 mm
Wire diameter:	0,6 – 4,0 mm
Drum weight:	Up to 1000 kg
Max. drum Ø:	1000 mm
Max. drum height:	1000 mm



Lämneå Bruk AB
A passion for service.



Rewinding Lines

For precise wire re-spooling and coiling

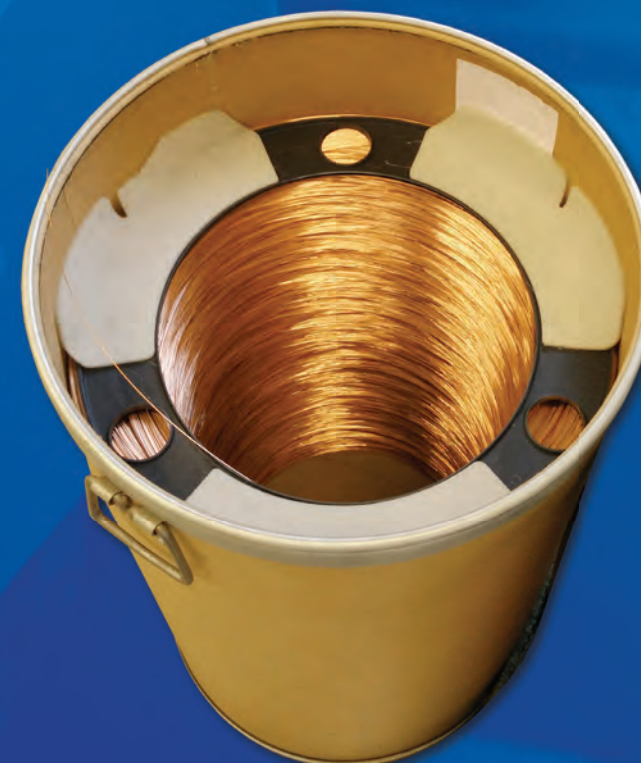
Explore customized
machine solutions and
contact our expert sales team!



Scan here for details!

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Sweden
Made in Sweden

Lämneå Bruk has been a full supplier of customized, **high-quality** machine solutions for the ferrous wire industry for over **200 years**. All parts and components are designed, developed, and manufactured in-house, reflecting our consistent commitment to transparency and quality at every stage of the process.

 Visit our website www.lamnea.com for more information

LÄMNEÅ BRUK'S FULLY AND SEMI-AUTOMATIC PRECISION LAYER WINDER LINES

Control system

The Precision Layer Winder Lines are all equipped with an **advanced PLC control system** with eye-level display and user-friendly operator control.

Line Set-up

The line consists of a powered pay-off, automatic tension control dancer unit and the precision layer winder itself.

TECHNICAL DATA (FA-PLW):

Line Configuration Pay-off - Dancer - Winder 330

Wire range:	Ø 0,8 to 1,6 mm
Wire speed:	35 m/s
Type of Spools:	Wire baskets, plastic and fibre
Max. spool flange:	330mm
Output Data:	
Expected production of CO2 welding wire, 100% efficiency	
Ø1,40mm	30 wire baskets/hr, 15kg spools
Ø1,20mm	29 wire baskets/hr, 15kg spools
Ø1,10mm	26 wire baskets/hr, 15kg spools
Ø1,00mm	24 wire baskets/hr, 15kg spools
Ø0,90mm	19 wire baskets/hr, 15kg spools
Ø0,80mm	18 wire baskets/hr, 15kg spools

Fully - Automatic Precision Layer Winder (FA-PLW)

2nd Generation of Wire Laying Technology for highest-quality outputs



Improved Key Features:

- ✓ About half of the sensors deliver the same outputs, resulting in a better performance of the machine. **Fewer sensors** cause fewer issues and therefore ensure a **smoother process**
- ✓ Servo-drive motor operated toolings allow for an **automatic exchange of the spool**
- ✓ **Flexible use of servo-motor types** such as Siemens, Allens Bradley and Lenze
- ✓ Easy adjustments of machine parts for **increased user-friendliness**



All our machines are **CE marked**. On-going and thorough risk analysis and testing ensures highest safety according to European standards.

Semi - Automatic Precision Layer Winder

SA-PLW 330 & SA-PLW 450 for saw wire



Line Set-up

Both machines consists of a powered pay-off, automatic tension control dancer unit and the precision layer winder.

Key Features:

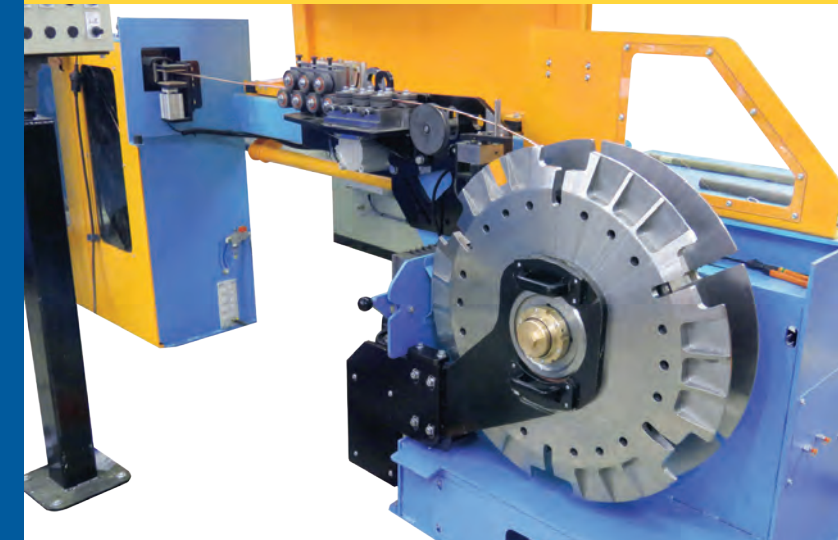
- ✓ **Accurate setting and adjustment** of width between flanges with advanced servo-drive motor operated dowel
- ✓ **Servo-drive** operated ball screw traverse system and dowel
- ✓ **Rapid backwind** facility with traverse

TECHNICAL DATA (SA - PLW):

	SA-PLW 330	SA-PLW 450
Wire Range:	Ø0,8 – 2,4mm	Ø1,6 – 5,5mm
Wire Speed:	Max. 35 m/s	Max. 25 m/s
Type of Spools:	Wire basket, fibre, plastic, coils	Plastic, fibre, coils
Max. spool flange:	350 mm	450 mm
Optional Equipment:	Automatic Stick Automatic Offload	Automatic Stick Cut & hook unit Automatic Offload

Rewinding Line (RWL 800)

For coils and spools up to 100kg and advanced wire spooling



Line Set-up

This semi-automatic rewinding line consists of a powered pay-off, automatic tension control dancer unit and spooling machine.

Key Features:

- ✓ Collapsible cassette tooling
- ✓ Servo-drive operated ball screw traverse system
- ✓ Automatic tension control

TECHNICAL DATA:

Line Configuration Pay-off - Dancer - Winder 1000

Wire range:	Ø1,6 – 5,0 mm
Wire speed:	Up to 15 m/s
Type of Spools:	Coils, wire baskets, plastic and fibre
Spool flange:	415 – 800 mm
Wire weight:	100 kg