

Statablock Coiler Horizontal (SBCH)



In most cases, maximum economy is achieved by producing heavy packages in coil form, and for wire users a heavy wire feed coil is very popular since a **heavy coil** can be effectively paid off into the processing or finishing machines. The end-users of the wire normally demand **heavy packages** from wire suppliers.

TECHNICAL DATA (SBCH):

Line speed:	up to 25m/s
Block diameter:	300 to 650mm
Wire diameter:	0,4 – 4,5mm
Coil weight:	up to 1100kg
Compacted coil:	245 - 1300



The heavy coil itself however only provides part of the solution. Additionally, Lämneå Bruk's Horizontal Statabloc Coiler is specifically designed to fulfill the following requirements:

- ✓ Dead cast wire coils
- ✓ Continuity of production during coil unloading
- ✓ Heavy coils or small catchweight coils
- ✓ Heavy pattern laid coils for high speed pay-off providing stability during subsequent transportation
- ✓ Heavy compacted coils for small wire sizes

Key Features:

- ✓ Two piece rigid frame with a **sturdy welded** box type of laser-cut metal
- ✓ Fitted externally with fabricated **swan neck extension** in to ensure the block holding against drum
- ✓ The complete rotor plate assembly is dynamically balanced to ensure **smooth, vibration free** operation
- ✓ The block is manufactured from **special cast iron**, coated with tungsten carbide and polished to a high finish
- ✓ Equipped with a push-button for easy unloading
- ✓ **PLC controlled** line operation with eye-level display

Explore customized machine solutions and contact our expert sales team!



Scan here for details!

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Take- Up Coilers

For Fast and Uninterrupted Wire Drawing




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

In all modern wire drawing plants the most important requirement is not only to aim for the **highest drawing speeds** for a given quality but also for the **longest possible uninterrupted production** runs on each size to be manufactured. Lämneå Bruk offers a portfolio of three different Take-Up Coilers depending on your needs and production facilities.

TAKE-UP COILER PORTFOLIO

The Take- Up Down Coiler with filling device is developed to take up wire on a carrier during **high- speed machine operation** after drawing, heat or surface treatment, calibration processes and similar operations. This machine has a very rigid design, with beams and laser-cut material welded with **precision**.

New and Innovative Design:

The machine has been completely re-designed, ensuring outstanding **user-friendliness**, **higher quality outputs** and **excellent production capacity** as well **easy maintenance**.

For more flexibility the machine can be operated for both **clockwise and anti - clockwise coiling** in the same setup.

Take-Up Down Coiler



The Take- Up Down Coiler is equipped with a **filling device table** which is lowered by a photo cell when the wire builds up on the block. The major advantages of this particular design are:

- ✓ Low twist in the wire
- ✓ Very dense wire package
- ✓ Excellent control of helix and cast
- ✓ Higher speeds possible while maintaining high- quality outputs

TECHNICAL DATA:

Application:	Taking up wire on carrier
Speed:	up to 10m/s
Speed control:	Dancer or torque
Block drive:	45 kW AC drive
Block size:	400-800mm
Wire size:	1-8mm
Layer control:	Filling device table lowered by Photo cell
Loading/unloading:	Rotating table
Options:	- Automatic spool change - Draft with soap box

Statabloc Coilers:

Lämneå Bruk's Statabloc Coilers are available in both **horizontal and vertical pattern**. The former design has its block on a horizontal axis and is normally used in high speed applications while the latter one has its block on a vertical axis and is normally used in lower speed applications.

In most cases maximum economy is achieved by producing heavy packages in coil form, and for wire users a heavy wire feed coil is very popular since a heavy coil can be effectively paid off into the processing or finishing machines.

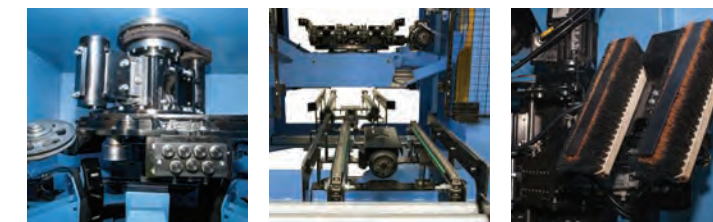
The coil itself however only provides part of the answers. Additionally, Lämneå Bruk's Vertical Statabloc Coiler is specifically designed to fulfill the following requirements:

- ✓ dead cast wire coil
- ✓ consistent wire quality
- ✓ efficient coil unloading
- ✓ pattern laid coil for high speed payoff and stability during transport
- ✓ consistent coil weight

Key features:

- ✓ Minimum footprint
- ✓ Semi- or fully automatic
- ✓ Special flyer design for dense pattern laid coils
- ✓ Both clockwise and anti-clockwise coiling in the same setup
- ✓ Easy to set required cast & amp; helix
- ✓ Suitable for drums and formers of different shapes and sizes
- ✓ Rotating table for pattern laid coils
- ✓ Exact control of lifting bridge
- ✓ Pusher for unloading
- ✓ Heavy duty built for drums up to 1000 kg
- ✓ PLC controlled line operation with eye-level display

Statablock Coiler Vertical (SBCV)



TECHNICAL DATA (SBCV400-700):

Line speed:	up to 15m/s
Block diameter:	400 to 700mm
Wire diameter:	2,0 – 5,5mm
Drum weight:	up to 1000kg
Max drum Ø:	1000mm
Max drum height:	1500mm



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