

Statablock Coiler Horizontal (SBCH)



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

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

Do you have questions or would like to learn more about our Take- Up Coiler Portfolio?

Please contact our dedicated sales team:



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Take- Up Coilers

For Fast and Uninterrupted Wire Drawing



 **Made in Sweden**

Lämneå Bruk has been in the wire industry for more than **100 years**. We design **high-quality, innovative and enduring** machines, individually **customized** according to your needs - from the first idea to the installation of the machine and after - sales service.

 Visit our website www.lamnea.se 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.

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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.