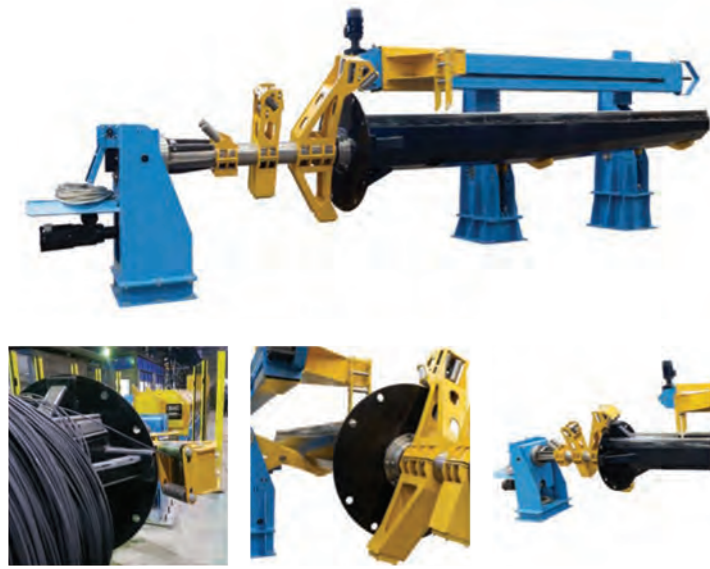


## Flyer Pay-Off Horizontal



The horizontal Flyer Pay-Off can be equipped with a motor-driven Flyer and Pusher for a streamlined wire preparation process

### Key Features:

- ✔ Equipped with a **motor-driven flyer** towards the drawing machine to ensure a **smooth and snarl-free** paying-off process
- ✔ Consists of a **horizontal beam** on which the wire coils are placed
- ✔ **Positioning of the wire coils** can be easily done by a **Pusher**, which is installed along the horizontal beam. The Pusher is driven by a gear motor with chain drive. Suitable for **high carbon steel wire**

### TECHNICAL DATA:

Rod diameter:	ø5,5 -14 mm
Max. coil weight:	6000 kg (3 x 2000kg)
Wire Quality:	High carbon steel wire
Typical coil size:	D int ø ~850-900 mm
	D ext ø ~1250 - 1300 mm
	Height ~2500 mm -compressed

Nominal Pay-Off Speed up to 3m/s

## Flipper Pay-Off Horizontal



### Key Features:

- ✔ Each coil holder consists of the horizontal beam on which the wire rod coils can be placed
- ✔ This horizontal beam is secured with two shafts against wear and to avoid wire surface damages
- ✔ Equipped with a retaining arm to ensure a snarl-free, smooth operation

### TECHNICAL DATA:

Rod diameter:	ø5,5 -12 mm
Max. coil weight:	6000 kg
Wire Quality:	High carbon steel wire or heavy low carbon wire
Typical coil size*:	D int ø ~850-900 mm
	D ext ø ~1250 - 1300 mm
	Height ~1800 - 2100 mm

\*or according to specific customer requirements



**Lämneå Bruk AB**  
A passion for service.

# Pay-Off Machines

For Perfect Wire Preparation and Processing



🇸🇪  
**Made in Sweden**

**Do you have questions or would like to learn more about our Pay-Off Portfolio?**

**Please contact our dedicated sales team:**

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.

**i** Visit our website [www.lamnea.se](http://www.lamnea.se) for more information.

Paying-off wire is not just reeling wire off a coil in a single strand. It also prepares the wire for further processing in an effective way to maximize plant efficiency. Lämneå Bruk's Pay-Off Portfolio comprises five different machines to meet individual customer requirements.

## PAY-OFF PORTFOLIO

### Rod Pay-Off Vertical



#### Machine set-up:

Two tilting coil holders and overhead steel column with integrated snarl protection system

#### Machine Operation:

The coil holders are hydraulically operated and lower to the horizontal position for coil loading. The coil holders then pivot through 90° to a vertical position for pay-off

#### Key Features:

- ✔ Tilting coil holders with big round drum design
- ✔ Wolfram carbide coated sheaves
- ✔ Snarl catcher through a limit sensor which automatically stops the line
- ✔ Optional: Tilting platforms, extendable center, rotating gathering, coil rotation, Cone, Siemens, Allens Bradley and Lenze.
- ✔ Easy adjustments of machine parts for increased user-friendliness

#### TECHNICAL DATA:

Rod Diameter:	5,5 to 12mm
Coil Weight:	max. 5000kg (2x 2500 kg)
Wire quality:	Low to high carbon
Typical coil size:	ø1850 mm
	øø 1250 mm
	H 2000 mm
Overall height:	6 m
Wire magazine:	9m



### Rotating Pay-Off Vertical with tilting and expanding (RPV –TE)



The RPV- TE has a special design for paying-off wire to large drawing or shaving machines for heavy wire.

#### Machine set-up:

The RPV – TE is driven or undriven with an expanding centre with 6 arms and hydraulic tilt function. The arms keep the wire rod coil in position. While one pay-off is running, the other one can be loaded with wire at the same time for a **more efficient production process**.

#### Key Features:

- ✔ Build to meet uncoiling requirements for **heavy wire** types which cannot be coiled over top or allow no twist
- ✔ Suitable for **low to high carbon as well as stainless steel wire**
- ✔ The rotating plate can move **clockwise and anti-clockwise**, if necessary for the production
- ✔ The **Snarl Arrestor** ensures smooth wire processing. In the unlikely case of snarl a **sensor** gives the signal to stop the line while the pay-offs placed on rails can move 500mm to **avoid wire breakage**
- ✔ **PLC controlled** and monitored available from various manufacturers

#### TECHNICAL DATA:

Max. Load:	3000kg
Speed:	150m/s
Max. tilt time:	15sec
Diameter Center	700 – 1600 mm
Height arms:	3000 mm
Wire quality:	Low to high carbon, stainless steel
Wire size:	5 – 11mm

### Flyer Pay-Off Vertical



The Vertical Flyer Pay-Off consists of a welded frame on which 3 pulleys with ø500 mm and a gathering cage are mounted on. This pay-off is equipped with a **snarl switch and roller conveyor** for better prepared wire.

#### TECHNICAL DATA:

Wire Diameter:	5,5 – 9,5 mm
Max. Coil Weight:	3500 kg
Wire quality:	High carbon shaved and patented
Coil size:	Dintø ~1100 mm
	Dextø ~1600 mm
	Height ~1800 – 2100 mm
Overall height:	3800 mm
Options:	Wire Tail Guard

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