



Wire Coiler Machine



Wire Coiling at Speed

The South Fence Recoiling machines have been developed from the company's extensive experience of over 85 years in the manufacture of fence and fencing machinery.

This machine was designed to minimize the need to carry heavy wire coils when running wire fence. Large wire coils can be re-coiled into smaller, more manageable coils. Our current model has the ability to process 375 meters per minute resulting in fast coil turn over.



Minimise Heavy Coil Handling

Our Recoiling machines support all the features and functionality expected on any modern manufacturing machine:

- The Human Machine Interface (HMI) facilitates easy setting and adjustment of the machine on the fly as well as displaying real time manufacturing and machine information.
- The machine lays the wire in a horizontal plane using the latest Coil Density Management (CDM) control, this helps to minimise coil stack height up to 25% compared with current coiling methods.
- Dual coil collection system allows the operator to tie off one coil while the machine produces the next.
- The pneumatic system aids in easy removal of the finished coil from the machine to minimize stress and strain on the operator.



Think Safe, Think South Fence

We take the safety of your operators seriously. To achieve this, a comprehensive safety evaluation is undertaken on each of our machines coupled with a full guarding package including a combination of fixed guards, monitored RFID guards, Solenoid safety interlocks, and Light Curtains. You can rest assured that we have your operator's safety in mind.



Machine Specifications

Wire Gauge Size	2.00mm to 4.00mm (0.079" to 0.157")
Motion System	Siemens Motion Control
Wire Tensile Range	Up to 525 N/mm ² for 3.15 to 4.00mmØ Up to 1390 N/mm ² for 2.50 to 2.8mmØ
Coil Dimensions	Maximum Outside Diameter: 800mm (adjustable) Minimum Inside Diameter 460mm (adjustable)
Maximum Coil Weight	60kg
Production Speed	Up to 375 meters per minute
Safety Equipment Utilised	Fixed guards, CAT4 RFID monitored guards, Solenoid locked guards, CAT4 Light Curtains
Coil Density Management (CDM)	Standard on all machines and available as a retrofit
Approximate Floor Area Required	5.5m x 3m (18ft x 10ft)

Variation to the above specifications are available on request. All weights and measures are approximate.

Coil Type	Coils per shift (8 hours)	Meters per shift	Weight per shift (kg)
2.00mm Ø 25kg Coil	68	68000	1680
3.55mm Ø 25kg Coil	144	36500	2840
2.50mm Ø 39kg Coil	68	68000	2620
2.00mm Ø 5kg Coil	171	34200	850

These values have been approximated and will vary depending on operator competency, coil specification, quality of raw wire, preventative maintenance, etc.

A photograph of two men in a factory setting. They are both wearing high-visibility yellow safety vests over dark blue polo shirts and safety glasses. The man on the left has dark hair and is looking down at a set of blueprints. The man on the right is bald and is also looking at the blueprints, with his hands resting on them. They are standing in front of a large, grey industrial machine, which appears to be a wire mesh manufacturing machine. The background shows a corrugated metal wall and other industrial equipment.

Our Team

South Fence Machinery Ltd is a privately-owned New Zealand company whose history dates back to the 1930's.

Originally known as NZ Fence & Gate Works the company operated from a small factory at Petone, in the Wellington industrial area, manufacturing wire products for local distribution. Over the ensuing years the company – then known as Hurricane Wire Products Ltd – grew rapidly to become recognised in New Zealand as an industry leader in the manufacture of wire based commodities.

In 1986 the wire products division of Hurricane Wire Products Ltd was sold and the Engineering Division became South Fence Machinery Ltd.

Today, South Fence Machinery is respected worldwide for our machinery's product quality as well as after sales service and support. The company now looks to the future with faster and more productive machine solutions being designed and built by our specialised team of machine designers and engineers.

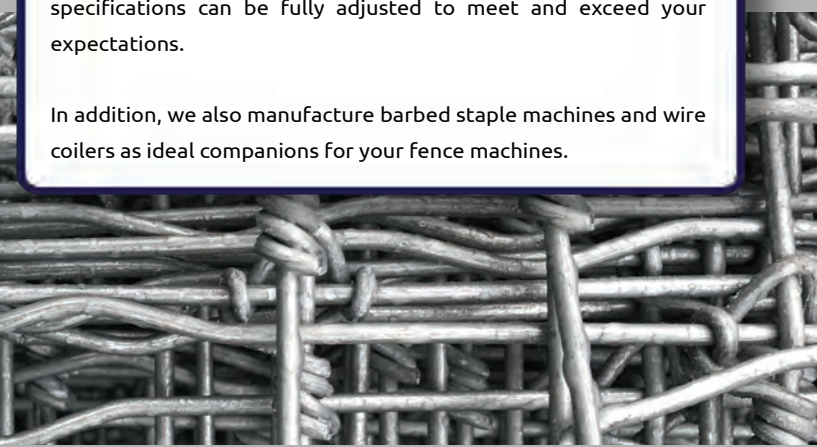



Our Machines

South Fence Machinery offers a complete suite of fence machines – Stiff Stay, Fixed Knot, and Hinge Joint. With this range of fence types you can meet your fencing needs from camels in desert sands to cows in gentle pastures; from deer in alpine meadows to security alongside motorways, South Fence Machinery does it all.

Our machines are built to provide the best solution for your needs, machine mesh size, fence height, and machine specifications can be fully adjusted to meet and exceed your expectations.

In addition, we also manufacture barbed staple machines and wire coilers as ideal companions for your fence machines.



Contact
South Fence
Machinery
today about the
latest in
fencing machine
technology



South Fence Machinery LTD

Engineering innovative fence machines

256 Main South Road, Hornby, P O Box 16-154, Christchurch, New Zealand

Phone: +64 3 349 5492, Fax: +64 3 349 5022

Email: info@southfence.co.nz, Website: www.southfence.co.nz

Europe & Africa Agent

José Pedro Oliveira

Rua de Santa Cecília No 63,
Lagoa de Albufeira
2970-459 Sesimbra - Portugal

www.jventuraoliveira.pt



Wire Industry



Aluminium & Heat Treatment



Construction & Mining Industry

Mexico Agent



Interequip S.A. de C.V.
Priv.Horacio 22-501, Col. Polanco
Mexico City, Mexico. 11510

www.interequip.com.mx
T. +55 (55) 5281 4285