SPRING SOLUTIONS — POWERED BY TEKDA

STOP UNTANGLING. START AUTOMATING.

Bulk springs tangle. Manual separation wastes labor and creates scrap. Novo Lean Solutions is an authorized Tekda distributor for spring detangling, feeding, and in-line coiling automation.

01 — SPRING DETANGLER

SEPARATED BEFORE IT'S A PROBLEM

Automatically separates tangled bulk springs before they ever reach a feeder — eliminating the manual untangling that eats into operator time and drives up scrap rates.

02 — SPRING SPEEDFEEDER

ORIENTED SPRINGS, ON DEMAND

Delivers oriented springs on demand to up to six independent assembly points within a 12-foot radius. PLC-controlled, air-driven, and gentle enough to protect the coil.

03 — IN-LINE SPRING COILER

PRECISION COILING, LINE SPEED

Pneumatic (C2) or CNC (C4) coiling systems built for direct integration into automated assembly lines — precision coiling at real production speed.

SEND US YOUR SPRINGS. WE'LL SHOW YOU THE RESULTS.

(860) 583-7801 | novoleansolutions.com

Spring Detangler

- ✓ Separating rates up to 1,500 parts per minute
- ✓ Spring OD up to 0.196" (5mm)
- ✓ Spring length up to 0.788" (20mm)
- ✓ Up to 6 separate delivery points
- ✓ 115V or 230V power supply

Free demo before you buy?
Yes — send your springs to Bristol, CT, or request a remote video demonstration.

Spring Speedfeeder

- ✓ Spring Ø: up to 5mm | Free length: up to 20mm
- ✓ 1–4 outlets, PLC-controlled
- ✓ Escapement delivers one spring on demand
- ✓ Air pressure: min. 6.5 bar
- ✓ 230VAC / 115VAC power options

Suitable for compression springs?
Yes — built for cylindrical compression springs with closed end coils.

In-Line Spring Coiler (Tekda C2 / C4)

- ✓ Wire diameter: 0.1mm – 1.1mm
- ✓ Outer diameter (OD): 1mm – 22mm
- ✓ Pitch range: 0.4mm – 26.4mm (OD/design dependent)
- ✓ C2: pneumatic | C4: CNC, line-integratable

Can this integrate into automated lines?
Yes — the C4 CNC system is designed for direct integration into automated assembly lines.