

LUBRICATION · WINDING AND DOUBLING

LUBRIFIL

Oil lubrication of yarns on winding and doubling machines

LUBRIFIL is Nuova Rimates' patented system for oil-lubricating yarns on winding and doubling machines. The result of years of research and mill trials, it is patented in several countries.

It can be used alongside traditional solid waxing or in place of older oiling systems, with excellent results on all yarns: staple and filament synthetics, animal fibres such as silk and wool, and plant fibres such as linen and cotton, pure or blended.



For any yarn

LUBRIFIL works on every yarn, with no limit on count or colour. Drawing on tens of thousands of winding heads already equipped, Nuova Rimates supplies a ready-to-fit bracket kit for each machine.

Benefits

- Sharp reduction of loops (snarls) in doubling
- Higher productivity in twisting and downstream processes
- Better, longer-lasting yarn glide: fewer breaks on looms and knitting machines
- Less static charge, ideal for silk, wool and synthetics
- Less fluff and dust, especially on staple yarns
- Better yarn quality: strength, elongation, fewer thin and thick places and neps
- Minimal cleaning time on article or colour changes

How it works

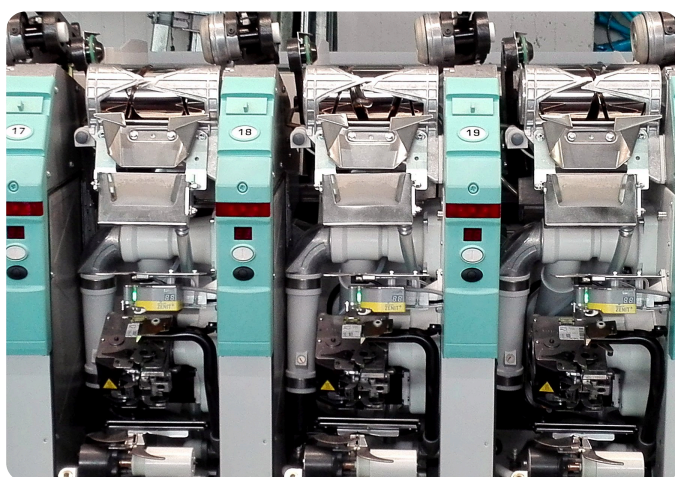
- Uses the yarn's zig-zag traverse while the package is being wound
- The yarn runs over a special nylon/polyester fabric, stainless-steel or sintered porous ceramic element, and is lubricated only while moving
- More even, consistent oil distribution than solid wax
- Feed kit with 10-litre tank and self-levelling devices: needs no electricity or compressed air
- Can run in line with the waxing device: together they give extremely low yarn/steel friction
- Can be disabled at any time with a dedicated cover

When requesting a quote, please specify

- Make and model of the winder or doubler
- Number of heads to equip
- Head-to-head and section-to-section pitch (mm)
- Single- or double-sided machine
- Yarn type and count
- If possible, a photo of the head

Technical data

Machines	Winders and doublers
Lubricating element	Nylon/polyester fabric, stainless steel or sintered ceramic
Oil feed	Kit with 10 l tank, self-levelling
Power	None (no electricity or compressed air)
Yarns	All, any count or colour
Patent	Granted in several countries



Applications: Fits Murata, Savio, Schlafhorst, SSM and other winders