

FF2000

- ◆ **INCREASED PRODUCTION**
- ◆ **INCREASED NEEDLE LIFE**
- ◆ **INCREASED SINKER LIFE**
- ◆ **INCREASED CAM LIFE**
- ◆ **OIL CONSUMPTION DECREASED**
- ◆ **DECREASED CONTAMINATION TO THE CLOTH**



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DO WE NEED THE FILTER FLOW 2000 ?

One of the principal problems and the concerns, which have historically plagued the textile industry, is the generation of the lint and debris. They are inherently caused by the handling and manipulation of textile yarns and fibers at virtually all stages of textile yarn and fabric forming operations. WHY?

Such problems are particularly acute in the production and handling of natural fibers such as cotton, which characteristically contains dust, debris, foreign materials.

The usage of open-end yarns has made these problems worse, because such yarns commonly release a higher level of contaminants than do ring-spun yarns and constituent fibers, tend to become airborne and ultimately settle on the textile producing equipment. If not removed, the progressive accumulation of such lint and debris will result in a gradual decrease in the quality of the textile fabric. This will negatively affect the operation and efficiency of the equipment, ultimately causing equipment damage or failure.



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BENEFITS OF THE FILTER FLOW 2000

LONGER NEEDLE AND SINKER LIFE

There is an increase in needle life of approximately 2-3 times with open-end cotton yarn. Sinker life increases at least as much as needles, and in many cases longer. The increase of life with other yarns will vary.

LESS MAINTENANCE AND DOWNTIME BECAUSE OF LINT

It is not necessary to blow off the machine after each doffing. Once a shift is more than sufficient. The frequency of machine cleanings is reduced. With an increase in needle life, the frequency of re-needling is reduced. There seems to be fewer individual, needle changes. Needles accumulate less packing in the latch slots. There is also less potential slub accumulation at the carriers, that can open the hooks. Less accumulation of lint on the carriers means fewer press off. There is a reduction of lint build-up around the knitting head and in the needle and sinker slots. Cylinder and dial cam boxes will be cleaner. This decreases the load on the working parts in the knitting head. The lower build-up of lint reduces needle and sinker lines.



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BENEFITS OF THE FILTER FLOW 2000

LESS OIL

Oil consumption is reduced dramatically. There is no flushing. There is a reduced amount of oil supplied to the cylinder and sinker dial or needle dial because the filter flow reduces temperatures, helping the oil keep its viscosity.

FABRIC SAVING

There is no fabric waste from flushing. Oil and smudges on yarn packages are reduced, due to knitters not blowing off machines as frequently.

Excessive blow off of machines can lead to oil on the yarn packages and fabric. This usually translates into wasted fabric.

Depending on scouring procedures, there is bleach and dye savings from less oil on the fabric. This means shorter bleach and dye cycles and a reduction in chemicals needed to remove oil and dirt.

If dyed spun yarns are run, there is less contamination in the fabric.

LOWER MACHINE TEMPERATURE

The machine temperature is cooler, allowing the viscosity of the oil to be maintained and reduce wear.

In many cases, machine speed can be increased.



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FEATURES OF THE FILTER FLOW 2000

- Uniform fabric rolls
- Easy installation
- Short Return on Investment Process (3-6 months)
- Cleaner environment
- Compact and user friendly
- Easy access to knitting head
- Easy to maintain
- Replaceable 12 X 24 X 2 inch filter & new 12 X 20 X 2
- Removable outside filter for easy access to the inner filter
- Outside can be manually cleaned simply by hand
- Signal light indicates when it's time to clean and will remain illuminated if filter is not cleaned or needs to be changed
- The temperature monitor stops the machine if the temperature rises above a safe preset degree
- Decrease in contamination from foreign fibers

