

Frankl & Thomas Now Producing Separator Rolls Under Own Name

BY KEN NORBERG, EDITOR

Founded in 1946, Frankl & Thomas, Inc. of South Carolina (F&T) has been successfully serving the needs of synthetic fiber producers for decades. One of its specialty products is high speed, rotating, precision parts on which fibers and yarns are made.

For more than three decades F&T and Sue' Seiki of Japan worked jointly to develop and market the well-known Sue-matic Separator Roll. Following the retirement of Mr. S. Sue' and the closure of Sue' Seiki, Frankl & Thomas was given all of the drawings and technical information on separator rolls from Sue' Seiki and given per-

mission to manufacture and market the rolls under the F&T name.

Frankl & Thomas is proud of the fact that it is now producing separator rolls under its own name and that the rolls have been enthusiastically accepted in the marketplace.

Al W. Thomas, III, President of Frankl & Thomas said: "There is still a large demand for separator rolls for BCF, Industrial and Technical yarns and fibers. We are well positioned to continue the tradition of excellence established by Sue' Seiki. We are grateful to Mr. S. Sue' for

his cooperation in the smooth transfer of know-how and technology that allowed us to continue to serve fiber producers throughout the world."

The following rolls are now part of Frankl & Thomas' offerings:

1. The NSD and NUMA series (Fig. 1 and Fig. 2) for fine filament-hot and cold drawing.

Designed to meet the increasing demand for lower rotating torque to

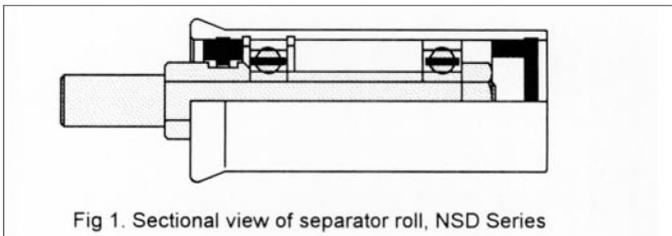


Fig 1. Sectional view of separator roll, NSD Series

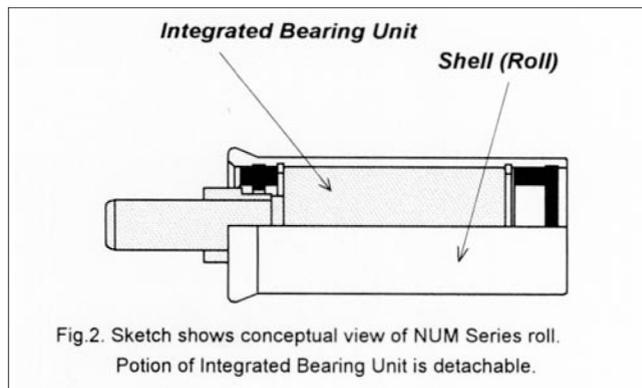


Fig.2. Sketch shows conceptual view of NUM Series roll. Portion of Integrated Bearing Unit is detachable.

GODETS AND SEPARATOR ROLLS

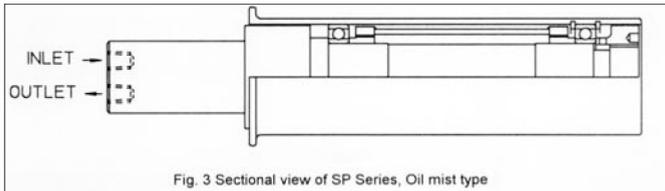


Fig. 3 Sectional view of SP Series, Oil mist type

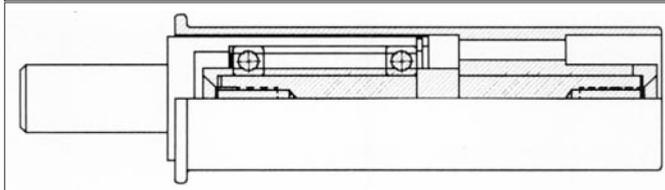


Fig. 4. Concept of GVR Series

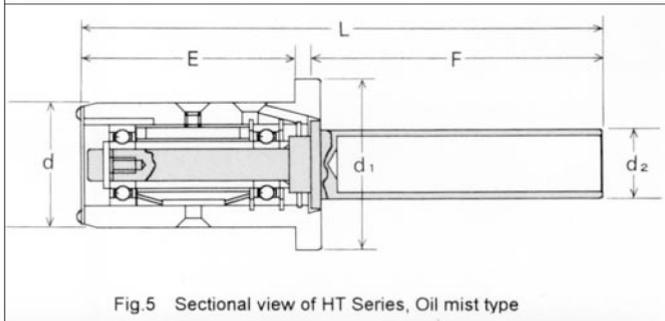


Fig. 5 Sectional view of HT Series, Oil mist type

draw finer filaments at higher speeds. NUMA series rolls are assembled with newly developed integrated bearing unit. These rolls are lighter in weight, lower starting torque and rotating torque. Lower torque means less resistance to turning, which equals less energy consumption.

2. The SP series (Fig. 3) for industrial filament-hot, cold and high temperature.

This series is offered in grease pack or oil mist type. This is a rugged roll for the most demanding applications.

3. The GVR series (Fig. 4) for industrial filament-especially high temperature situations.

Designed with a shaft that is integrated with the bearing housing. This keeps the ball bearings from direct contact with the heat from the shell surface.

4. The HT series (Fig. 5) for fine and industrial filament-high temperature.

Designed for high temperatures ranging from 120 °C to 250 °C on the working surface. Offered in grease pack or oil mist type. This roll can stand extreme heat and still function effectively.

5. The S-GVR Series (NEWEST DESIGN) Designed for industrial filaments at higher speeds. Up to 26,000 RPM (more than 4000m/min) and thread temperatures up to 200 °C. In many instances the S-GVR roll has been able to replace much more expensive air bearing separator rolls. 

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Achieve a greater production level and unsurpassed quality with **SUE-Matic™ Separator Rolls**

...experience increased efficiency and reduced downtime for your draw-twisting, draw-texturing and draw winding.

- Rolls can be made to customer's specifications or supplied from standard sizes.
- Rolls can operate where surface temperatures go as high as 250°C.
- Roll bearings are removable, therefore easily repairable.
- Rolls can be used to guide delicate, sensitive fibers such as carbon fibers and fibers used for medical purposes.
- **The Super-GVR spindle type bearing unit** is designed for industrial filaments at speeds up to 26,000 RPM and thread temperatures up to 200°C.
- Standard rolls are stocked in our Greenville, SC warehouse.



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