

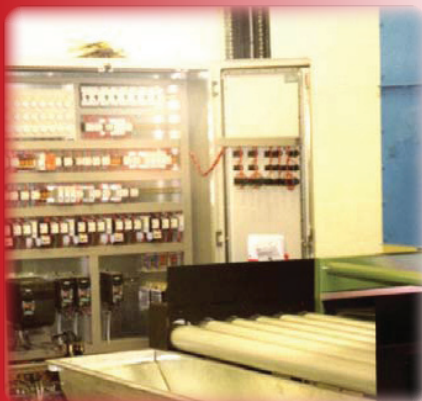
# Microflow



**Microflow is a modular fibre lubrication system that has been designed to provide flexibility and easy integration within a fibre blending plant. The individual components of the system are available separately or as a combined unit, thus offering upgrade solutions for individual components or complete new systems.**

## Integrated Weigh System

As leading designers and manufacturers of fibre weight control systems, Garnett Controls offer the very best in weight control technology. The Garnett Controls Weigh System is based on well-proven technology for the weighing and controlling of fibres. Unlike less sophisticated systems, the Garnett Weigh System does not utilise simple cantilever type weighbridges or stationary plates, which provide little real control. Instead we insist upon a totally independent weigh platform with precise speed synchronisation and real time control. The weigh system allows the desired production rate to be entered as well as the % additives required, such as lubricant, water, anti-static etc. The system automatically controls the flow rate of additive according to the throughput of fibre.

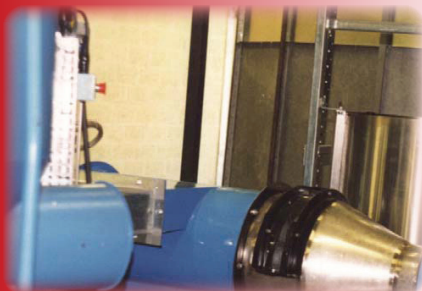


## Micromist

Micromist is a Vortex spray chamber that ensures uniform application of applied fibre lubricant. Lubricant is precisely delivered to the spray head where it is atomised to a very fine mist. The Vortex chamber ensures that fibre is conveyed in such a manner around the spray head that uniform application takes place.

## Mixing Tank

The stainless steel mixing system with integral heaters and stirrers has dual mixing and storage to enable continuous operation.



## Pumping System

The pumping system can integrate with new or existing lubrication systems. The unit provides precise control of liquid flow utilising the latest in variable speed drive technology.

- User-friendly control system
- Unique high-precision weigh station with integral variable speed drive
- Dedicated control software
- Upgrading of key elements of existing oiling device
- Modular system for flexibility in integration
- Precise flow control
- Moisture measurement and control available as an option.