

# LEESONA

## MODEL 991/966

### Take-up Winding System For Coated Yarns & Fibers



2727 Tucker Street, Burlington, North Carolina 27215 USA

## MODEL 991

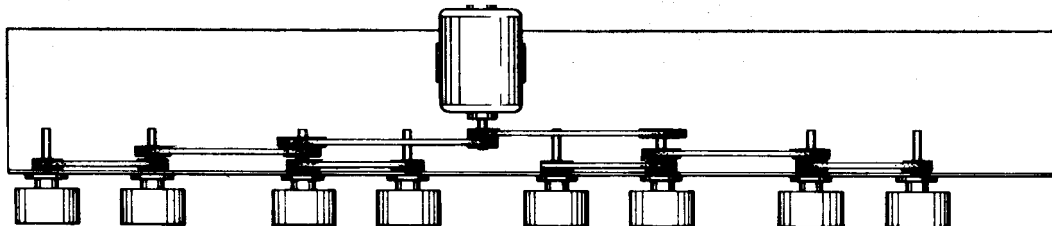
## A Versatile Power Driven Overhead Feed Roll

The Model 991 Overhead Feed Roll System is a special drive unit used in conjunction with take-up winders and is adaptable to many applications. The Model 991 can be mounted to most multiple spindle Leeson take-up structures.

The Model 991 overhead utilizes a cascade belt system and up to 8-feed rolls can be driven by a single motor. Rolls are manufactured from aluminum and receive an industrial hard anodized finish for long life. The overhead roll motor is powered by a frequency inverter drive and provides total system control. The system is available with programmable acceleration/deceleration and a digital rate/speed readout. Speed range for the Model 991 system is up to 600 meters per minute.

The Model 991 system is typically used for “pulling” yarn through a coating and drying/curing process. The rolls then ‘feed’ the coated yarn to the Model 966 Take-Up Winder at a constant speed. Typical applications for this system are coated fiberglass/polyester yarns for insect & window screening, sun-shade products, leisure furniture fabrics, tire cords, automotive/industrial hose and belts.

PULLEY & BELT ARRANGEMENT  
(TOP VIEW)



	Standard	Metric
Height	76.10 inches	1932.94 mm
Width	79.97 inches	2031.2 mm
Depth	29.3 inches	744.2 mm
Weight	2080.0 Lbs	943.7 Kgs
Max. package Diameter	13.50 inches	342.90 mm
Speed range	25 – 656 YPM	23 - 600 mpm
Tension range	30 gms to 10KG	29- 98 Newton
Tube holder sizes	2.875-5.625 inches	73 mm to 142.875 mm
Traverse lengths	5.5 to 12-inches	139.7 to 304.8 mm

Combination of maximum values may not be possible



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