



# ELAN 30

Positive Elastane yarn feeder:  
Electronically controlled positive yarn feed

The ELAN range of feeders is designed for the positive feeding of Elastane yarns to stocking, hosiery and seamless machines. These units feed fine gauge Elastane yarn at very low yarn tensions to enable the production of uniform, ringless finished products.

On the ELAN 30 the controller is an integral part of the unit and the Elastane feed speed is controlled by a 10 V analog signal from the knitting machine. The ELAN 30/165 version is designed for processing the wide, cylindrical Elastane bobbins used for producing medical products (max. width 165 mm).



| Applications                      |                               |
|-----------------------------------|-------------------------------|
| <i>Circular knitting machines</i> | <i>Flat knitting machines</i> |
| ■ <i>Sock machines</i>            | <i>Warp knitting machines</i> |
| ■ <i>Hosiery machines</i>         | ■ <i>Seamless machines</i>    |

### Advantages

- Positive Elastane yarn feeding.
- Constant yarn speed even with different bobbin diameters.
- Elastane feed at very low yarn tensions right down to 0.1 cN.
- Positive yarn feed means no plating faults.
- Feeding of the very fine gauge Elastane yarns up to 8 dtex.
- Integrated stop motion function before the Elastane bobbin runs empty.

### Technical Data

|                       |               |
|-----------------------|---------------|
| Power supply          | 35 - 57 V DC  |
| Control voltage       | 0 - 10 V      |
| Power                 | 17 W          |
| Speed range           | 0 - 4,000 rpm |
| Direction of rotation | right to left |
| Max. yarn speed       | 600 m/min.    |