

Electronic Length Stop

GRAULE – Typ RLE



The GRAULE type RLE electronic length measuring system is a fully automatic, programmable stop for dimensionally accurate and efficient production in the wood, aluminum and plastics processing industries.

Graule Maschinenbau GmbH , Robert-Bosch-Str. 7, D-73431 Aalen

Tel: +49 (0)7361 – 49511 ; Fax: +49 (0)7361 – 49521 ; e-mail: info@graule.de ; www.graule.de

Electronic Length Stop

GRAULE – Typ RLE

GRAULE
Maschinenbau

■ Cross-industry suitable solution

One system for every application.

■ Support plate:

For small strips, the system is mounted on an angle bracket up to 6 meters.

■ **Standard roller conveyor:** For PVC and aluminum profiles and wooden battens, the RLE type is mounted on standard GRAULE roller tables up to 8 meters.

■ **Heavy-duty ST-60 roller conveyor:** For heavy-duty applications in wood and aluminum, the RLE-ST60 type is mounted on heavy-duty ST-60 roller tables up to 13 meters.

■ Cross-industry solution

The RLE type is installed on an angle plate up to 3 meters for small strips. For larger PVC and aluminum profiles and wooden beams, the type RLE is installed on the standard GRAULE roller tables.

■ Increased production output

The GRAULE RLE increases productivity. The automatic system enables significantly faster length adjustment.

The length stop moves automatically to the specified position.

■ Maximum precision

The stable material stop is pneumatically clamped for positioning. In addition, the stop flap is spring-mounted, which absorbs shocks. The position is measured directly at the stop flap via a magnetic tape measuring system, ensuring a positioning accuracy of ± 0.1 mm.

■ Working with different modes and program memory

The programmable stop and positioning system can be used as an automatic stop system or as a pusher system. Input is via absolute values or by working through lists.

The pusher can be finely adjusted using a step scale

And the control unit has a large program memory (999 programs) and a USB interface for loading lists.

■ Simplified operation

The 10" touch screen enables simple input. The display adapts ideally to every working mode thanks to the different layouts.



Technical Description NC-Control:

- Automatic stop and pusher system
- Direct measuring system for positioning accuracy ± 0.1 mm
- 10" touch screen
- Program memory
- USB import

Technical Description with Roller Table :

- Ball bearing mounted plastic castors with $\varnothing 40$ mm diameter
- Load capacity per roller approx. 50 kg
- Roller width 300 // 400 // 500 mm
- Roller spacing approx. 300 mm
- Working height 885 $\pm$ 30 mm
- Length 2 to 6 meters
- Spring-loaded stop plate

Technical Description with ST-60 Roller Table:

- Ball-bearing plastic rollers with a 60 mm diameter
- Load capacity per roller approx. 100 kg
- Roller width 400 mm to 1,200 mm
- Roller spacing approx. 300 mm
- Working height 885 $\pm$ 50 mm
- Length 2 to 13 meters
- Spring-loaded stop plate