



**E-DH-100**

**E-TH-100**

DOSING & WEIGHING  
SCREW FEEDER

INNOVATION



## ■ DEFINITION

Elimko weighing screw conveyors are designed to measure the flow rate of powder materials. They can be used as dosing screw feeder also. They can measure or feed 0,1 t/hr to 30 t/hr (0,1 m<sup>3</sup>/hr to 30 m<sup>3</sup>/hr) powder material at different industries.

Basic advantages are as follows:

1. Fully insulated dust proof structure. Ideal for fine grain materials.
2. Accurate weight measurement with 4 load cells.
3. Accurate speed measurement with high resolution.
4. Advantage of AC motor usage
5. Selection of different materials for different applications.

## ■ TECHNICAL PROPERTIES

Flow Rate Ranges	0.1 m <sup>3</sup> /hr - 30 m <sup>3</sup> /hr 0.1 t/hr - 30 t/hr
Feeder Control Range	1:10
Accuracy	±% 2
Material Temperature	-10 +70 °C
Environment Temperature	-20 °C ÷ 60 °C
Protection Class	Motor IP 55      Load Cell IP 68
Screw and Body Material	Steel Stainless Steel (screw & body) Hardox (screw only)

## ■ STANDARD TYPES

TYPE	E- DH-100-XXXX-YYYY-ZZZ- WWW Screw Feeder E- TH-100-XXXX-YYYY-ZZZ- WWW Flow meter	
XXXX	Diameter of Screw Conveyor	200, 250, 300, 350, 400 mm
YYYY	Length of the Screw Conveyor	2000, 2500, 3000, 4000 mm
ZZZ	Capacity	0.1 t/hr - 30 t/hr
WWW	Screw material	Steel, HDX hardox 400, 304 SS, 316 SS

### SAMPLE:

#### **E-DH-100-200-2000-5**

5 t/hr capacity 200 mm diameter and 2 m length screw FEEDER

#### **E-TH-100-200-3000-4**

4 t/hr capacity 200 mm diameter 3 m length, flow meter.

The company's policy is one of continuous product improvement and the right is reserved to modify the information contained here in without notice.

**\* Please contact with Elimko for your special applications.**



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