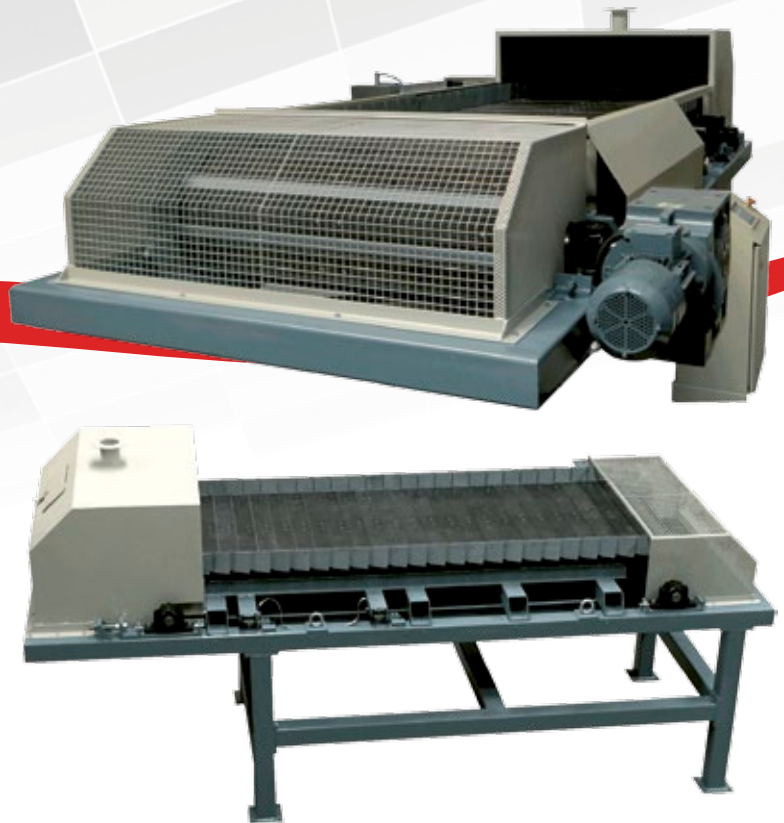




E-CDB-100

APRON WEIGH FEEDER



■ DEFINITION

E-CDB-100 is dosigned to use at heavy duty application which need apron feeder.

It is weigh contreled apron feeder. Its mechanical and electrical proparties provides high accurey & high reliability. It is AC motor driven and it has standart RS485 mod bus communication and optionaly Profibus or Profinet or Ethernet communication.

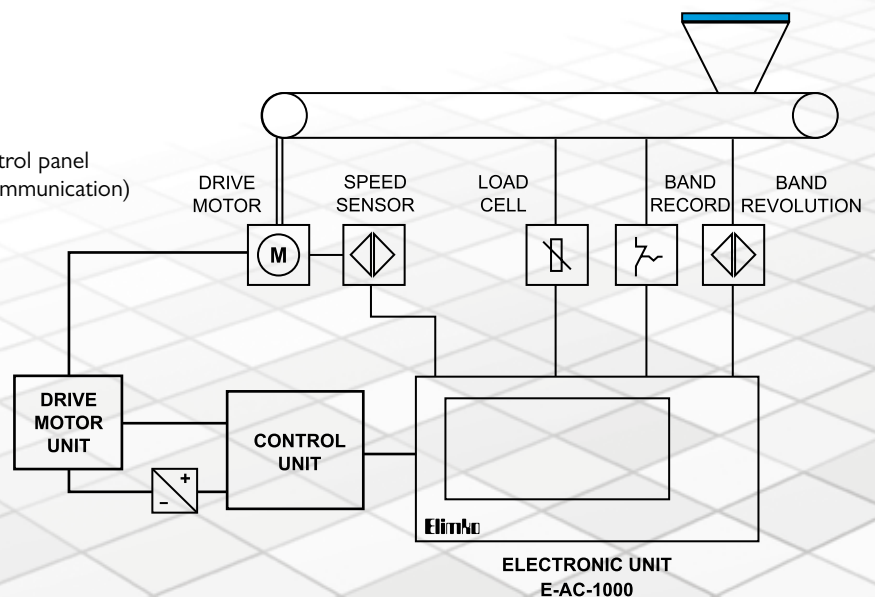
■ GENERAL PROPERTIES

- Heavy Duty Apron Feeder Applications.
- AC Motor usage.
- High accuracy speed measurement system (16 bit resolution)
- Plug and operate feature
- Compact design that does not require a control panel
- Connection with 2 cables only (Power + Communication)
- Easy and automatic calibration
- Delivery with inlet and discharging Chutes.
- Special inlet chute design
- Flow rate or amount control feature
- Optional chain conveyor can be supplied for spilled material.

■ APPLICATIONS

Elimko CDB -100 are used following heavy duty applications.

- Cement, Iron & Steel, Mining and Chemical industries
- Raw material feeding (large size) (Clinker, Clay, Limestone, Coal, Mine etc.)



■ TECHNICAL PROPERTIES

Accuracy	% 1
Flow Rate Set Range	%10 - %100
Band Width	800, 1000, 1200, 1400 mm
Lenght (L)	2500 mm to 12000 mm
Electronic Control Unit	E-AC-1000
Weight Signal Resolution	16 bit
Speed Signal Accuracy	16 bit
Communications	RS485 Modbus RTU
Digital Inputs	Start/Stop, control signals
Digital Outputs	"Running", "Ready", "Fault & Alarm"
Analog Inputs	Set point
Analog Outputs	Control output, Flow rate, Pre-Feeder Control output.

■ OPTIONS

Filling Chute Lining

- Hardox 400
- Non-adhesive material (Wefapress)

Discharge Chute Lining

- Hardox 400
- Non-adhesive material (Wefapress)
- Hardox 400

High Temperature Type

- 200 C°

Communication

- Profibus
- Profinet
- Ethernet

■ STANDARD TYPES AND DIMENSIONS

TIP	E- CDB-100-XXXX-YYYY-ZZZZ- S-WWWW-VVV	
XXXX	Belt width	800, 1000, 1200, 1400, 1600 mm
YYYY	Feeder lenght	3000, 4000, 5000 10000 mm
ZZZZ	Capacity	10 - 2000 t/hr
S	N - Normal temperature	Y- High temperature
VVV	Inlet Chute lining No lining , HDX Hardox, WFP Wefapress

SAMPLE:

E-CDB-100-1000-3000-0500-N-WFP

1000 mm width 3000 mm length 500 t/hr capacity, Normal temperature application. Inlet chute lining wefapress.

E-CDB-100-1600-7500-200-Y-HDX

1600 mm width 7500 mm length 200t/hr capacity, High temperature application. Inlet chute lining hardox.

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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