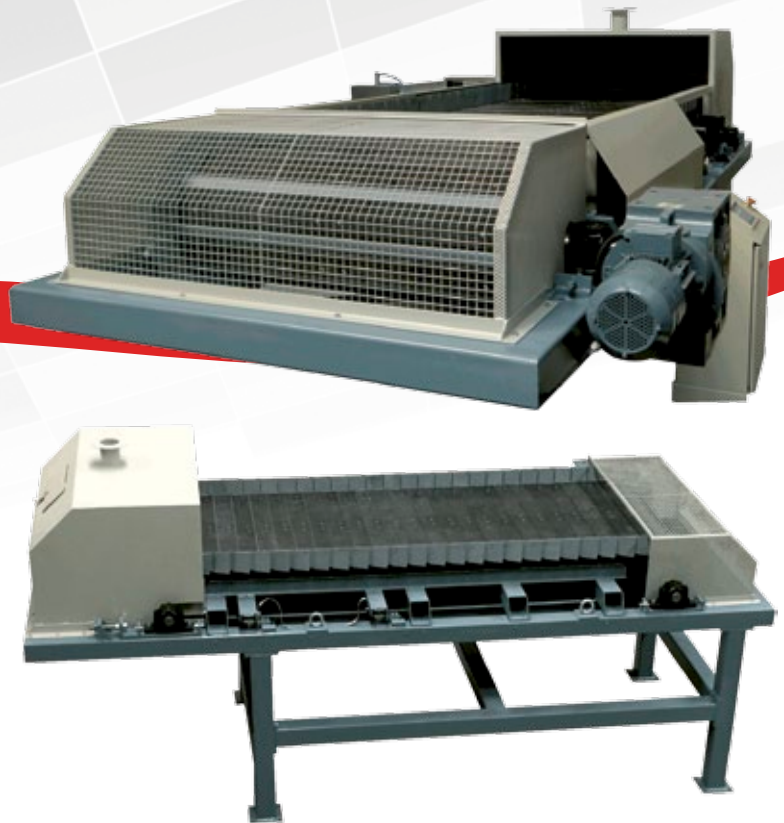




E-CDB-100

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.

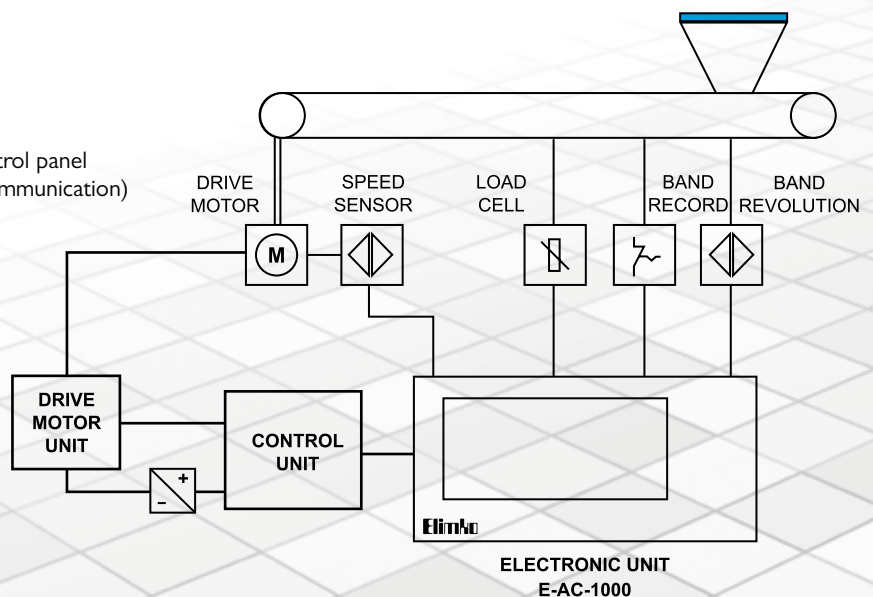
■ GENERAL PROPERTIES

- 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-WWW-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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