

## Technical Description

### ELBA Linear Storage bin RD 26

#### Linear bin

for storage and batching of aggregates, executed in a stable steel profiles-plate construction, with suitable static for direct supporting of a feeding ramp on one side or both sides. Quick Mounting of single compartments and separation walls by wedge joints.

#### Segment Batching Gates

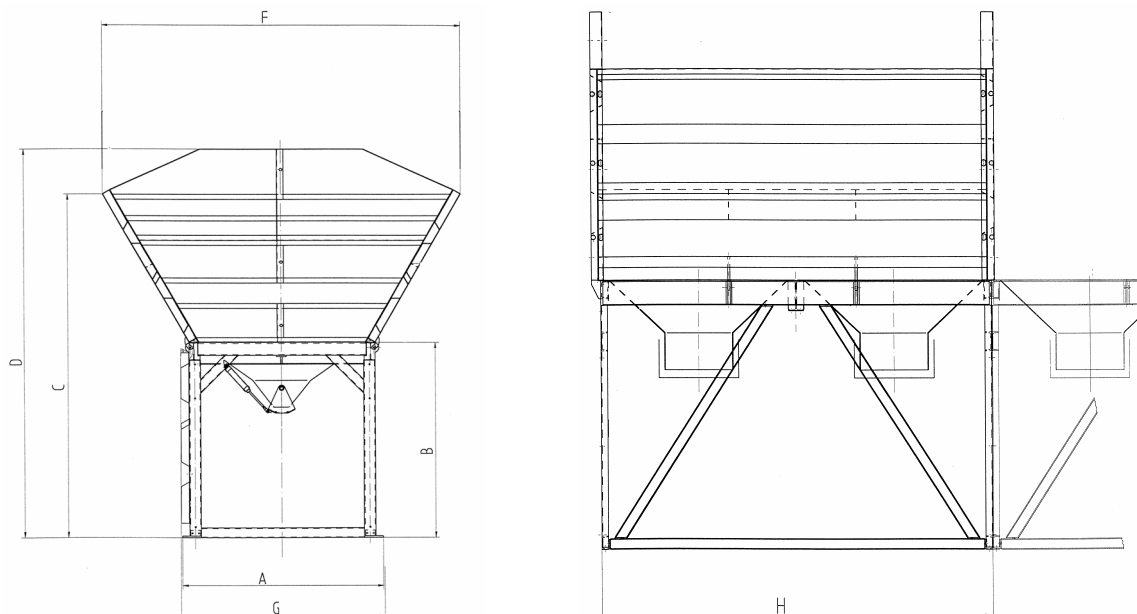
Opening dimensions 180 x 160 mm, electro-pneumatically operated, ready installed. Opening with adjustable buffers. Standard, workable grain size: crushed / round 32 mm, for coarse batching gates crushed / round 100/120 mm.

#### ELBA Weighing Conveyor belt

consists of a frame in steel profile construction, drive drum of concrete polymer, with passing axle with roller bearings.

Tension drum with passing axle with roller bearing and tension device.

Belt supporting stations, 3 sections cleted – adjustable, permanently greased, mounted every 0,3 m. Lower supporting roller stations approx. every 1,75 m. Conveyor belt endless vulcanised, EP 400/3, 4+2mm rubber covering. Belt cleaner easily adjustable, as a laminar cleaner underneath the belt. Continious rubber strip cleaner, adjustable. Belt conveyor height extension in steel sheet construction, rear part easiily dismantable. Lateral safety cords with emergency stop on both sides. Weigh belt conveyor with single primary coat and final coat RAL 7035.



#### Dimensions of one single compartment of RD 26

| RD | Volume | A (mm) | B (mm) | C (mm) | D (mm) | F (mm) | G (mm) | H (mm) |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| 26 | 20 cbm | 2420   | 2406   | 4220   | 4766   | 4385   | 2496   | 3500   |

|                                | <b>RD 26-40</b>             | <b>RD 26-60</b>                 | <b>RD 26-80</b>                 | <b>RD 26-100</b>        | <b>RD 26-120</b>                |
|--------------------------------|-----------------------------|---------------------------------|---------------------------------|-------------------------|---------------------------------|
| Length                         | 7,1 m                       | 10,6 m                          | 14,1 m                          | 17,6 m                  | 21,1 m                          |
| Width                          | 4,4 m                       |                                 |                                 |                         |                                 |
| Height                         | 4,76 m                      |                                 |                                 |                         |                                 |
| Feeding width                  | 3,39 m                      |                                 |                                 |                         |                                 |
| Feeding height from foundation | 4,26 m                      |                                 |                                 |                         |                                 |
| Total volume                   | 40 cbm                      | 60 cbm                          | 80 cbm                          | 100 cbm                 | 120 cbm                         |
| Compartment / Volume           | 2 x 20<br>to<br>4 x 10      | 3 x 20<br>to<br>1 x 20 + 4 x 10 | 4 x 20<br>to<br>1 x 20 + 6 x 10 | 5 x 20<br>to<br>10 x 10 | 6 x 20<br>to<br>2 x 20 + 8 x 10 |
| Quantity of discharge gates    | 4 to 8                      | 6 to 12                         | 8 to 16                         | 10 to 20                | 12 to 20                        |
| Weighing Belt Length           | 8,12 m                      | 11,6 m                          | 15,1 m                          | 18,6 m                  | 22,1 m                          |
| Belt drive                     | 11 kW                       | 15 kW                           |                                 | 18,5 kW                 |                                 |
| Belt width                     | 800 mm                      |                                 |                                 |                         |                                 |
| Weighing range optional        | 2500 kg / 5000 kg / 6000 kg |                                 |                                 |                         |                                 |



RD in final assembly



RD ready for dispatch

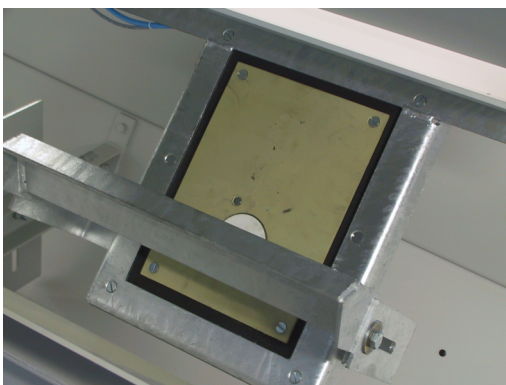


Illustration shows option:  
Sand moisture measuring device

Options:

- Side wall elements for feeding of aggregates laterally from one - or both sides with ramps
- Covering at rear
- L-support wall for the ramp
- Wear and tear plates of weighing belt
- Weigher control device
- Assistance of calibration
- Monitoring of „close“ Position
- Vibrator mounted at batching gate for sand
- Batching gates for large size particles
- Installation in BUS-technology
- Lighting
- Steam injection equipment
- Compaction device

009.33-0123.7 (3/03) VF

Technische Änderungen vorbehalten.  
Subject to technical changes.

Sous réserves de modifications techniques.  
Sujeto a modificaciones técnicas.