





-  **HIGH PRECISION**
-  **UP TO 80 t/h**



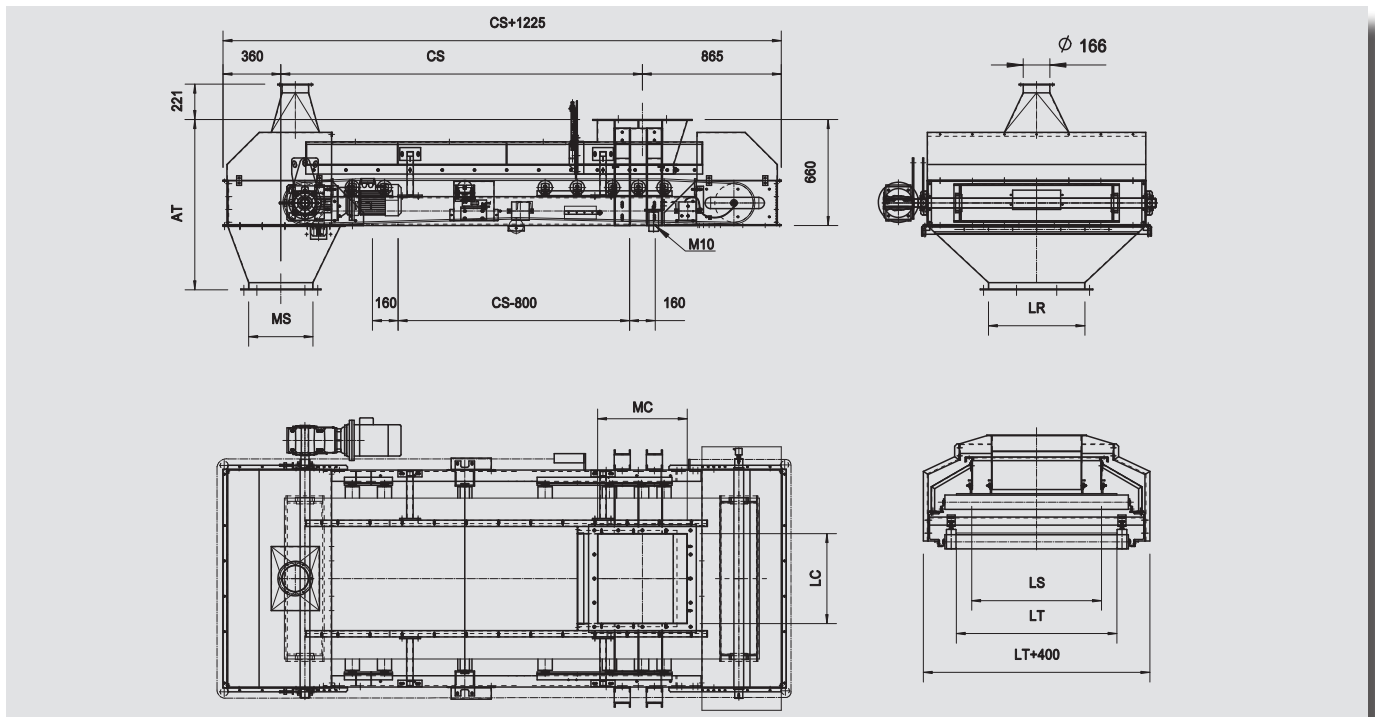
COBRA 365 ELECTRONIC CONTROL UNIT

The sturdy framework of the weighing belt of the heavy duty series, optimised for the installation under a hopper or silos, becomes a belt of the WBE series.

The weighing belt series WBP is suitable for dispensing heavy and big-sized material, as it is very sturdy. It has an operating capacity between 3 and 80 t/h approximately.

The belt can be made either with flat roller stations or triple roller stations. It can also be customized according to the weighed product.

COBRA 365 control unit allows its use as weight totalizer and, if combined to the extracting belt, as fixed capacity dispenser.



STANDARD MODELS DIMENSIONS (mm)

| | LT | LS | CS | AT | LC | MC | LR | MS |
|----------|------|-----|------|------|------------|-----|-----|-----|
| WBE 500 | 500 | 350 | 1700 | 1060 | 250 | | 300 | 250 |
| WBE 650 | 650 | 500 | 1800 | 1060 | 350 | 350 | 350 | 350 |
| WBE 800 | 800 | 650 | 1900 | 1060 | 500 | 500 | 400 | 400 |
| WBE 1000 | 1000 | 800 | 2000 | 1060 | 560 | 560 | 600 | 600 |

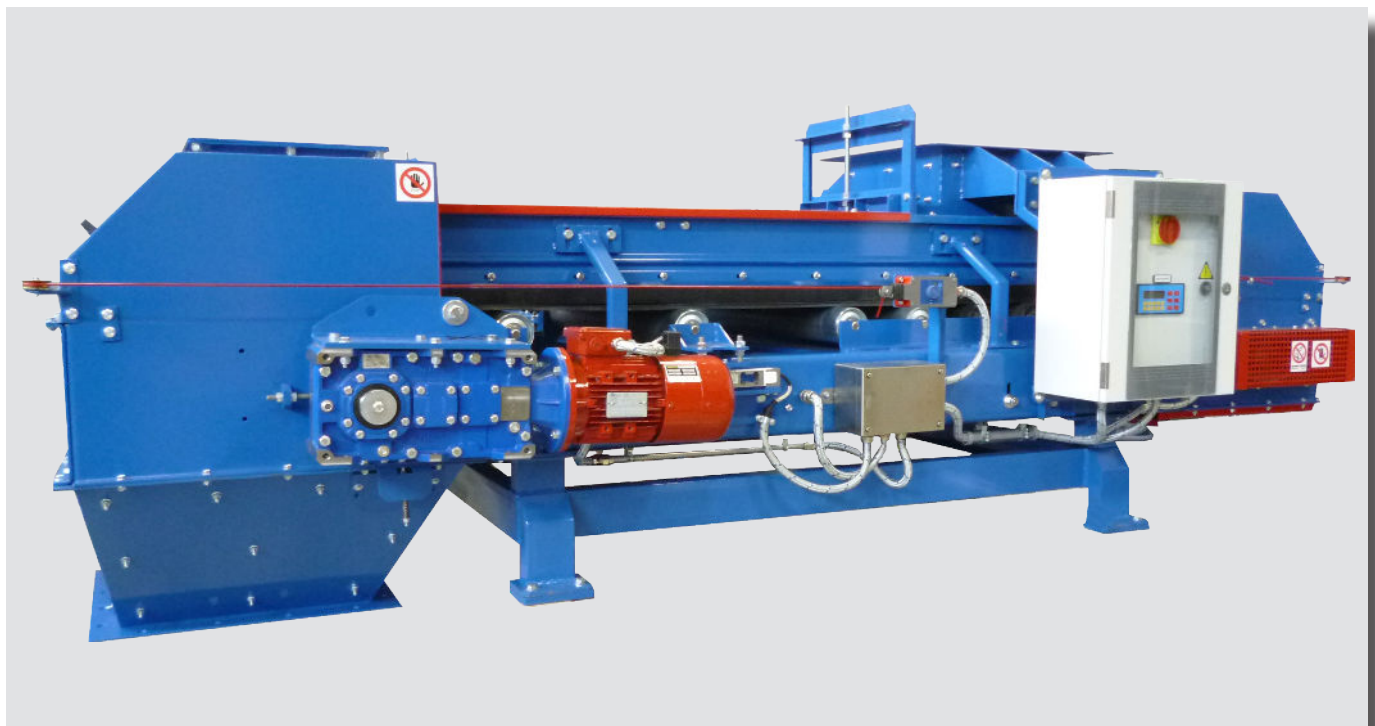
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REFERENCE MAXIMUM CAPACITY VALUES

Reference maximum capacity values specified below refer to the metering of material with small grain size and specific weight equal to 1 kg/dm³.

According to used motor drive, the allowed working range varies from 5 to 15 times.

| BELT MODEL | SPECIFIC WEIGHT (kg/dm ³) | MAX FLOW RATE (kg/h) |
|-----------------|---------------------------------------|----------------------|
| WBE 500 | 1.0 | 15.000 |
| WBE 650 | 1.0 | 22.000 |
| WBE 800 | 1.0 | 50.000 |
| WBE 1000 | 1.0 | 70.000 |
| WBE 1200 | 1.0 | 80.000 |

**TECHNICAL FEATURES**

| | |
|---|---|
| Main structure | Carbon steel |
| Heads | Carbon steel |
| Loading and unloading hoppers | Carbon steel + HARDOX (optional) |
| Belt | Calibrated junction in various materials depending on the application |
| Side rails | Steel and soft bands depending on the application (optional) |
| Hood | Steel (optional) |
| Weighing system | Double off-center load cells C3 |
| Speed control | Incremental encoder 1000 pulses/round IP67 |
| Electrical junction boxes | Available for load cells and encoder IP66 |
| Motor | Asynchronous three-phase multi-voltage |
| Motor fan | Optional depending on the application |
| Anti-vibration mounts | Steel and rubber 60ShA |
| ATEX conformity  | Available as an option for ATEX 22 zones |