

# ZS860

# BERTOLI



The mobile plant ZS860, for its highly innovative constructive conception, allows to transport all necessary elements for concrete production (inert, cement, water, chemical additives) separated in suitable containers and to extract proportionally the elements while unloading, continuously, according to parameters chosen by the operator.

### **Separated transportation of elements**

The mobile plant ZS860 separately transports the elements for concrete production and allows the operator to vary the concrete blend while unloading.

It allows to mix "soft" or "hard" concretes. It's also possible to mix concretes "rich" or "poor" of water.

Variations are quick, precise, verified by visual signals on a display and they can be executed with working plant without stopping the production.

### **Plant operating**

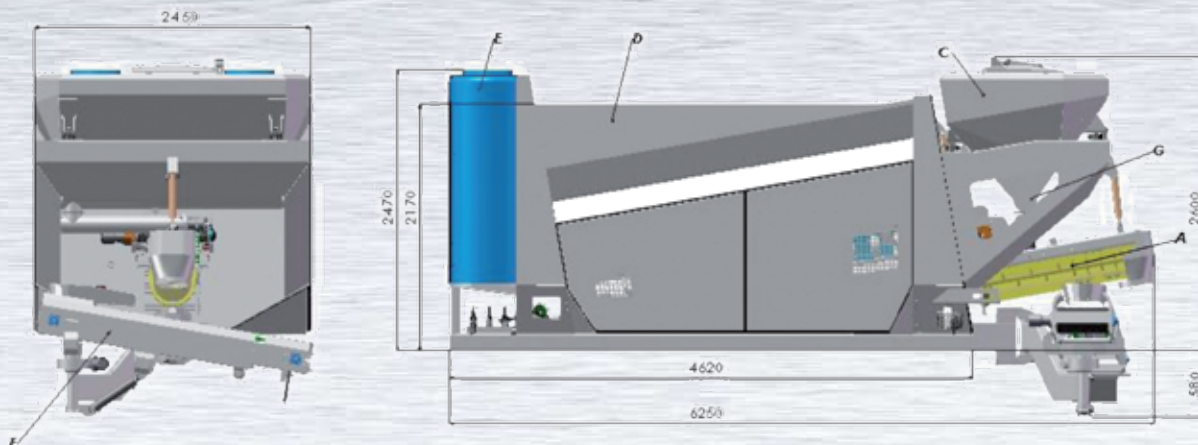
The mobile plant ZS860 has a conveyor belt for inerts. It extract a fixed defined quantity of inert, for the whole width of the belt (with a variable height from 1 to about 14 cm), that goes to the mixer. During the mixing, the cement (extracted by a cochlea and weight-controlled by loss-in-weight load cells), the water and possible additives are added; all the system is controlled by a PLC fitted with the plant.

## ZS 860 TECHNICAL DATA

Mobile plant for concrete production

| Description                                       | Unit |                   |
|---|------|-------------------|
| <b>CAPACITY</b>                                   |      |                   |
| Max production                                    | mc/h | 60                |
| Working temperature range                         | °C   | -20/+50 °C        |
| Max. speed of track with cochlea in work position | m/s  | 0.2               |
| <b>DOSAGE</b>                                     |      |                   |
| Volume water tank                                 | mc   | 2                 |
| Volume cement hopper                              | mc   | 2,5               |
| Volume inert hopper                               | mc   | 8,5               |
| <b>DIMENSIONS AND WEIGHTS</b>                     |      |                   |
| Max. Height from support plane                    | mm   | 2600              |
| Width   | mm   | 2450              |
| Length  | mm   | 6250              |
| Total weight vacuum machine                       | N    | 55.000 (5.500 Kg) |
| <b>MIXER</b>                                      |      |                   |
| Max. Vertical shift                               |      | 15°               |
| <b>ENGINE</b>                                     |      |                   |
| Max. power  | HP   | 52                |
| Rpm   | rpm  | 3000              |
| <b>CONTROL PANEL CHARACTERISTICS</b>              |      |                   |
| Size  |      | 6,5"              |
| Transflective color display with function buttons |      |                   |
| Setting menus                                     |      | 50                |

Quoted data are merely notional. All informations on this document are subject to change without notice



Central mixer with manually rotating belt shiftable by radio control

- A: Mixer
- B: Diesel Engine
- C: Cement hopper
- D: Inert hopper
- E: Water tanks
- F: Belt in transport position
- G: Extracting cochlea



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