

# ORU LINK S 60 - 110

**ORU LINK S** represents a dosing and conveying unit for aggregates, cement, and water, specifically tailored for easily transportable DRY installations. This integral component has been meticulously engineered to seamlessly integrate with the aggregate storage systems, **ORU CUBE** and **ORU LOGIK**.

## LINK S 60

for production of 60/70 m<sup>3</sup>/h and belt of 500 mm

## LINK S 110

for production of 110 m<sup>3</sup>/h and belt of 800 mm

**ORU LINK S** emerges from a meticulous technical and economic analysis of market demands, with a particular focus on the Latin American region. It has been engineered with the primary goal of enhancing the capabilities of **ORU LINK**, ensuring heightened flexibility and adaptability to a wide array of requirements.

## DISTINCTIVE FEATURES

The ORU LINK S dosing unit stands apart from the competition's offerings primarily due to its heightened functionality, efficiency, expanded range, and ease of transportation:

### • FUNCTIONAL IMPROVEMENT

The project revision has resulted in a lighter system through deliberate measures of simplification and rationalization of the unit's structure. The supporting framework is both lighter and streamlined.

### • WEATHER RESISTANCE

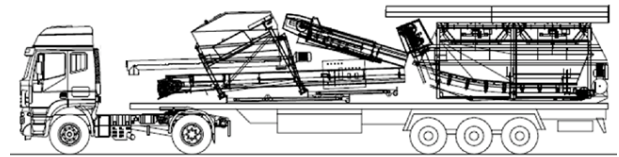
The supporting structures are robust (engineered to withstand seismicity level S9 [acceleration=0.05g] and wind speeds of 108 km/h), fully hot-dip galvanized to ensure maximum durability and long-term integrity.

### • MAXIMUM COMPACTIBILITY

The support legs are articulated for folding during transport. The ORU LINK S dosing unit, featuring a foldable feeding conveyor, can be transported on a truck with a lowered frame height and accommodated, along with all components, within a 40-foot Open Top (OT) container.

### • VERSATILITY

Its simplicity is indeed its strength, serving as the cornerstone for assembling transportable DRY concrete batching plants.



(Exemplifying image of a trailer-mounted transportable configuration)

### • EASE OF ASSEMBLY

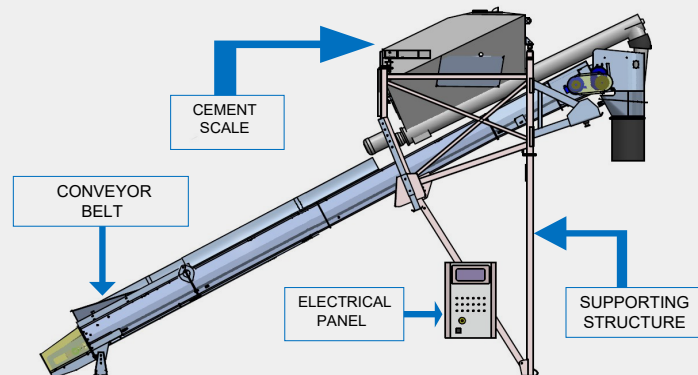
It arrives as a fully pre-assembled and pre-wired installation, ensuring swift setup.

### • EASE OF INSTALLATION

The ORU LINK S dosing and conveying unit, as well as the cement storage silos, necessitate minimal civil works for installation. In this regard, we provide the precise loading requirements for each column.

Feel free to reach out if you require further assistance or information.

## DISTINCTIVE FEATURES



### • SUPPORTING STRUCTURE

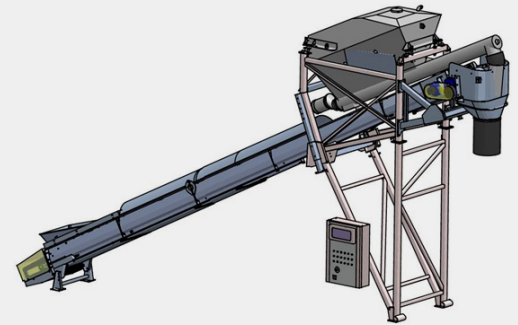
Supporting structure designed for seismicity S9 (ac=0.05g), wind speed of 108 km/h. Constructed using hollow and open steel profiles, it is fully hot-dip galvanized.

### • CONVEYOR BELT

The transportation of aggregates from the storage hoppers to the mixer takes place through a ribbed conveyor belt with a length of 10,200 mm.

| ORU LINKS VERSIONS | BELT WIDTH mm | BELT POWER kW | PRODUCTION <sup>1</sup> m³/h |
|--------------------|---------------|---------------|------------------------------|
| 60                 | 500           | 7.5           | 60                           |
| 110                | 800           | 15.0          | 120                          |

Typical mix design for one cubic meter of concrete produced:  
Sand + Gravel + Pebbles = 1200 liters, Cement 300 kg, Water 150 liters



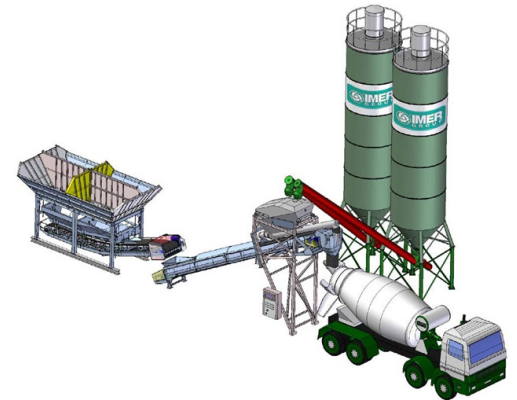
## CEMENT SCALE

It consists of a hopper equipped with an integrated Screw Conveyor, capable of meeting all production requirements as planned. The scale is equipped with 4 load cells, an inspection hatch, a 3" breather pipe, and attachments for standard weights for scale calibration. The hopper includes a vibrating plate with a vibrator.

### SUMMARY TABLE OF TYPES OF SCREW CONVEYORS

| ORU LINKS VERSIONS | SCREW CONVEYOR DIAMETER mm | SCREW CONVEYOR POWER kW | PRODUCTION <sup>1</sup> m³/h |
|--------------------|----------------------------|-------------------------|------------------------------|
| 60                 | 219                        | 5.5                     | 60                           |
| 110                | 323                        | 18.54                   | 120                          |

Typical mix design for one cubic meter of concrete produced:  
Sand + Gravel + Pebbles = 1200 liters, Cement 300 kg, Water 150 liters



### WATER INSTALLATION

The fundamental configuration of all three versions is equipped with an IA1 water intake system, complete with a pulse-jet dispenser and a pneumatic 2" butterfly valve. This installation is designed for seamless connection to a 7.5 kW pump (included).

### ELECTRICAL INSTALLATION

The electrical setup is fully wired and comes with a remote power panel, housing a control unit capable of managing multi-formula recipes with automatic control.

### The panel has been designed to oversee the following devices:

- 2 screw conveyors
- 2 dust filters
- 2 fluidizers
- 4 level indicators
- 2 additives

### ACCESSORIES/VARIANTS

ORU LINK S serves as a dosing and conveying unit tailored for DRY installations, ensuring ease of transport.

For comprehensive functionality (concrete production), it must be coupled with at least one cement silo (we recommend a silo with a minimum capacity of 60 tons) and combined with a LOGIK DL type aggregate storage unit.

### Accessories:

- Cement silos ranging from approximately 50 to 200 tons
- Fluidizers
- Ø 323mm cement transport screw conveyor
- Dust suction installation kit (additional support legs, ladder and filter access walkway, suction hood, 11 kW vacuum, 54 m2 dust filters)
- Admixtures installation
- Pneumatic installation: an accessory tied to the combined storage unit comprising:
  - Electro-compressor with a reservoir
  - Pneumatic box for managing the pneumatic valve of the water installation, prepared for the cement silo fluidizers

### Variants:

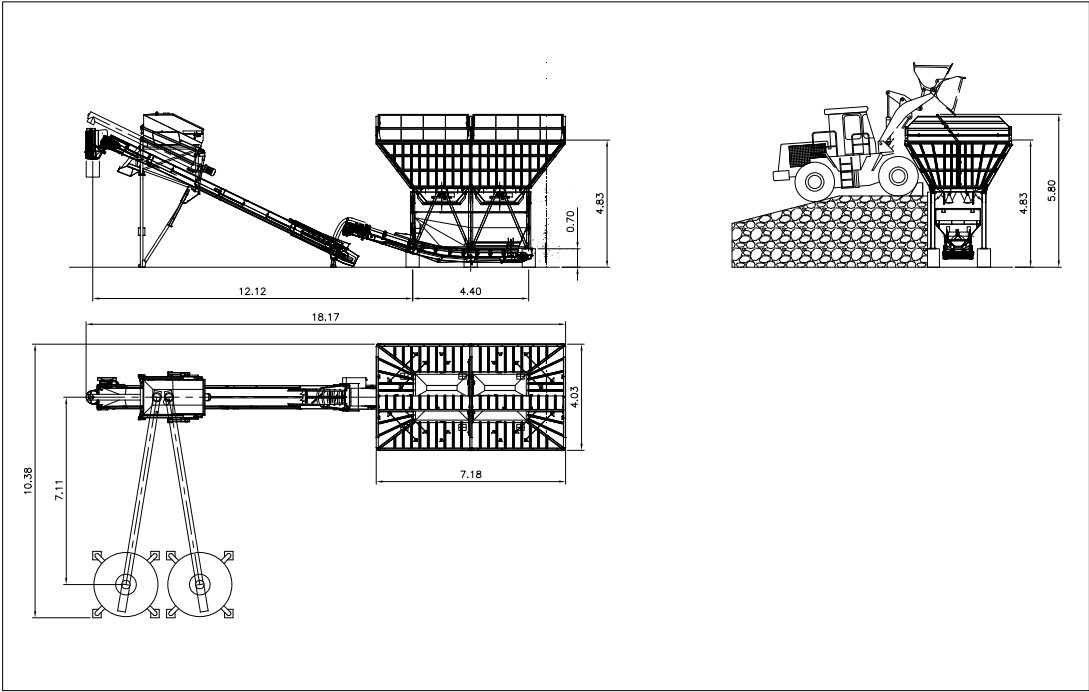
- 900 l/min water pump, 7.5 kW power (included)
- HPS management unit (included)

# Combinations

## ORU LINK S 60 - 110

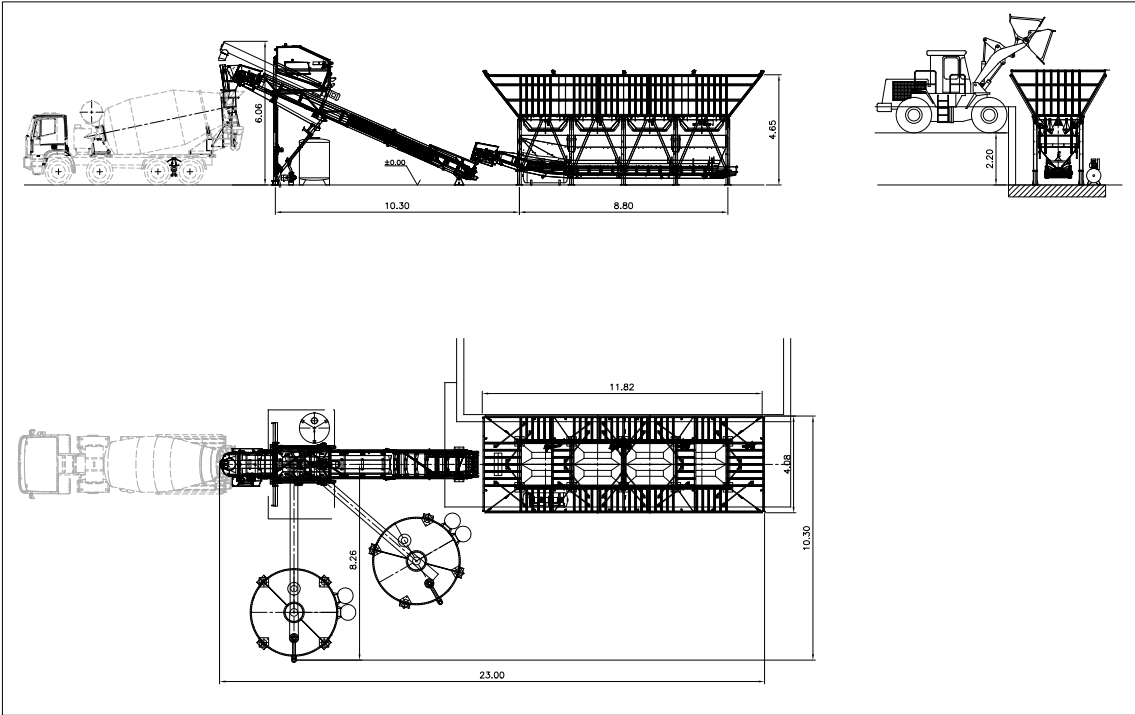
### ORU CUBE - LINK S 60

60 m<sup>3</sup>/h per 5 m<sup>3</sup> of concrete cycles(1)



### ORU LOGIK - LINK S 110

110 m<sup>3</sup>/h per 7 m<sup>3</sup> of concrete cycles(1)



(1) Typical mix design for the production of one cubic meter of concrete: Sand + Gravel + Pebbles = 1200 liters, Cement 400 kg, Water 150 liters

# Combinations

## ORU LINK S 60 - 110

