

ORU READY XS

**COMPACT,
VERSATILE, MOBILE
EASY AND
FAST**

READY XS 1208

For production of 120 m³/h and 800 mm belt.

ORU READY XS is the evolution of ORU READY, born from a careful technical and economic analysis of the North, Central, and South American market demands.

It has been developed with the aim of enhancing the performance of ORU READY, ensuring greater flexibility and adaptability to a wide range of requirements.

DISTINCTIVE FEATURES

The ORU READY XS installation stands out from the competition mainly due to its enhanced functionality, efficiency, range variety, and ease of transportation:

• IMPROVED FUNCTIONALITY

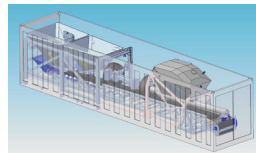
The design revision has made the system more agile by removing the integrated cement silo (present in the original design). Additional efforts to lighten, simplify, and rationalize the design include the adoption of a supporting structure that, no longer needing to bear the cement silo, becomes lighter and more essential.

• WEATHER RESISTANCE

The supporting structures are robust (calculated for seismicity S9 ($ac=0.05g$), wind of 108 km/h) and are fully hot-dip galvanized to ensure maximum durability and resistance to atmospheric agents over time.

• MAXIMUM COMPACTIBILITY

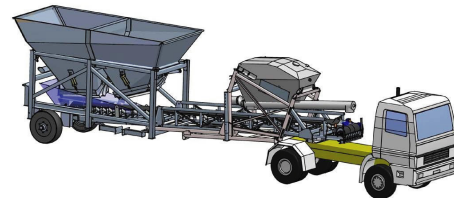
Maximum compactibility both in height, facilitating loading of aggregates with a mechanical shovel, and in length, allowing road transport (approximately 3-4 meters shorter than similar installations in the market). ORU



READY XS can be introduced, along with all its components, into a 40-foot Open Top (OT) container.

• VERSATILITY

It can be transformed into a mobile wheeled unit with the installation of the specific wheel kit. In this case, the transport length is 11,955 mm.



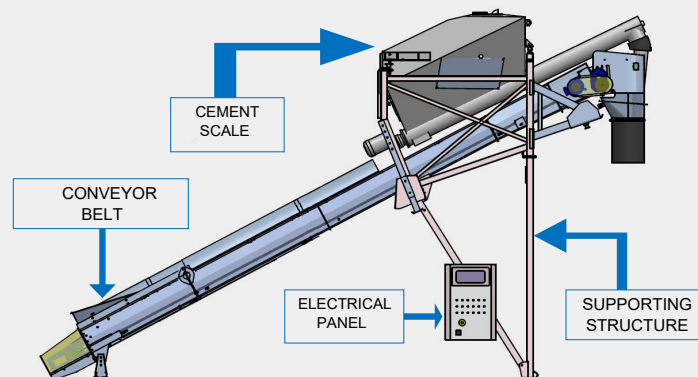
• EASE OF ASSEMBLY

Fully pre-assembled and pre-wired installation, ensuring quick on-site assembly.

• EASE OF INSTALLATION

The ORU READY XS batching and transport unit as well as the cement storage silos require civil works for installation, for which we provide the acting loads on each column.

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.

SUMMARY TABLE OF THE AGGREGATE CONVEYOR BELT

ORU READY XS VERSIONS	BELT WIDTH mm	BELT POWER kW	PRODUCTION¹ m³/h
1208	800	11.0	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 CEMENT SCREW CONVEYOR

ORU READY XS	SCREW CONVEYOR DIAMETER mm	SCREW CONVEYOR POWER kW	PRODUCTION¹ m³/h
1208	323	18.5	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 base configuration includes a water inlet installation, model IA1, equipped with an impulse lance dispenser and a 2" pneumatic butterfly valve. This installation provides direct connection to the water supply (minimum required pressure 3 bars).

PNEUMATIC INSTALLATION

It features a pneumatic installation with an electro-compressor with a tank and a pneumatic box for managing the pneumatic valve of the water installation, prepared for fluidifiers and dust collector of cement silos.

ELECTRICAL INSTALLATION

The ORU READY XS is fully wired and has a power panel mounted onboard the machine with a control unit for automatic management of multi-formula recipe preparation.

The panel is set up for management of:

- 2 cement screw conveyors
- 2 silo fluidifiers
- 2 silo dust collectors
- 4 silo level indicators
- 2 admixtures

ACCESSORIES/VARIANTS

ORU READY XS is a DRY batching and transport group, completely mobile and easily transportable, and thus without a silo.

For its full operation (concrete production), it must obviously be combined with at least one cement silo (we recommend a minimum capacity of 60 tons, maximum 4 silos).

Accessories:

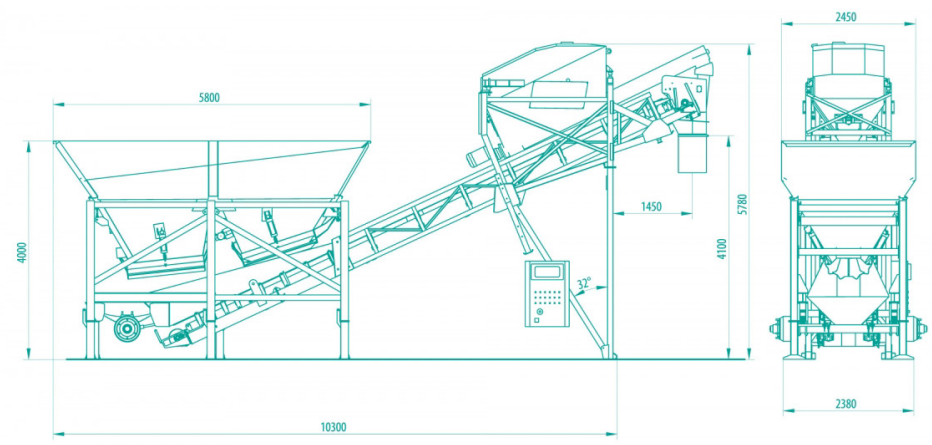
- Partition Wall for rear hopper to increase to 3 aggregates.
- Cement silo from 60 tons onwards.
- Fluidifiers, dust collectors, and level indicators for cement silos.
- Cement screw conveyors $\varnothing$ 323 mm
- Dust suction installation kit (additional support legs, ladder, walkable access areas to the filter, suction hood, 11 kW vacuum cleaner, 54 m2 dust eliminators) (optional)
- Admixtures installation
- Cement silo safety system (optional)
- Wheel kit

Variants:

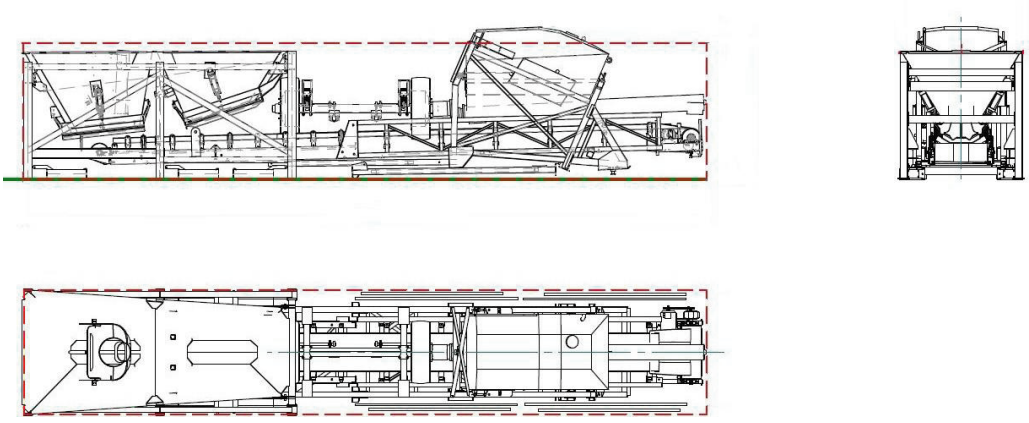
- Water installation, IA3-E version with 900 l/min water pump Power 7.5 kW.
- HPS management unit.

DIMENSIONS

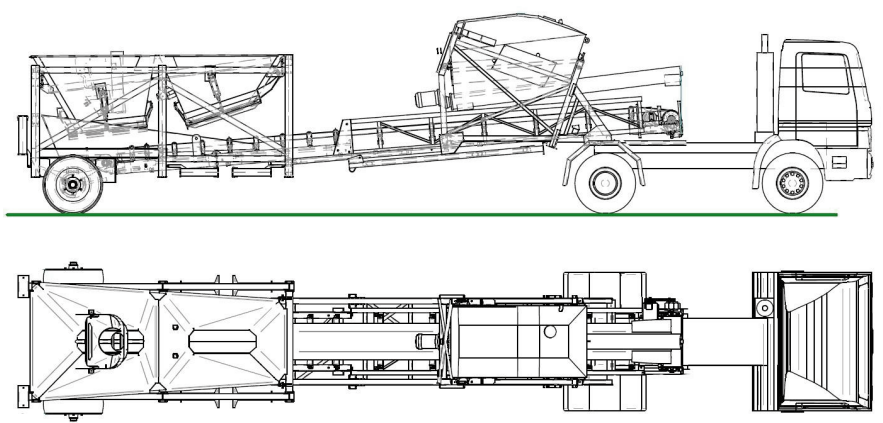
ORU READY XS 1208



IN CONTAINER



ON ROAD



ORU READY XS

