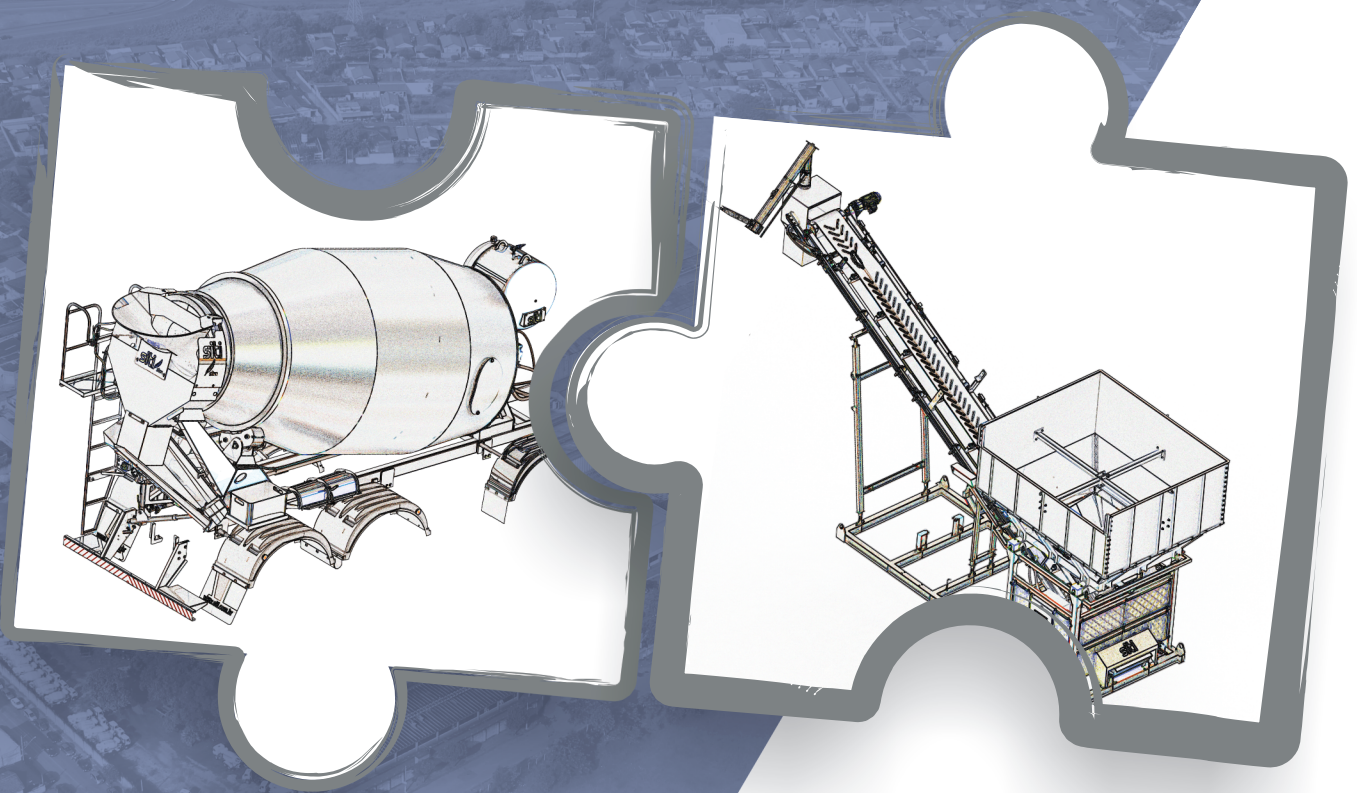


# NOMAD 18



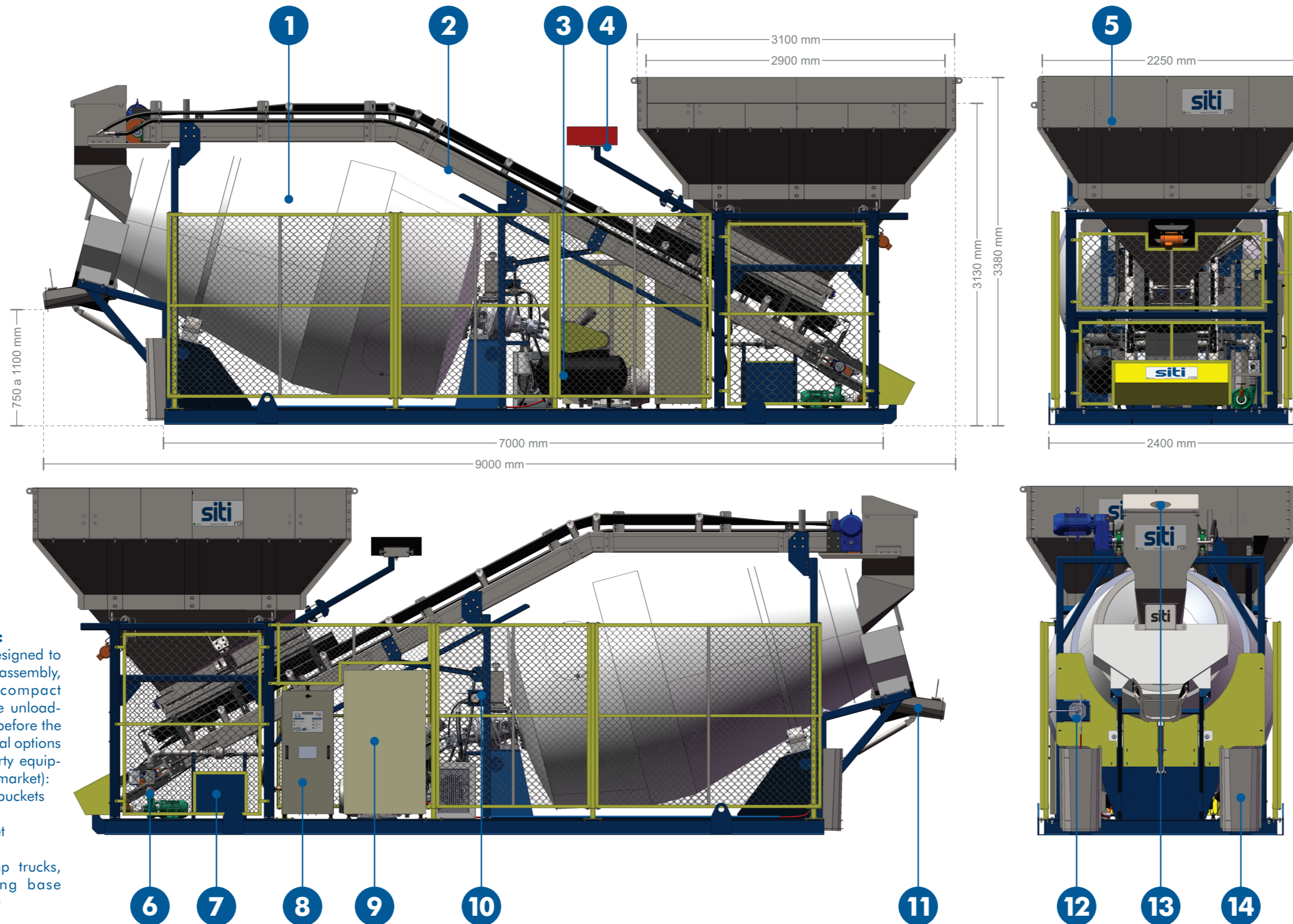
The combination that optimizes, brings economy and quality to your process.

**EXCLUSIVE  
RELEASE**



# Nomad M18

A mobile plant with a concrete mixer coupled to a compact structure, having all the necessary components (with the exception of cement) for dosing and mixing of materials for the production of concrete.



### Concrete unloading:

The equipment was designed to optimize mobility and assembly, therefore, with its compact geometry, the concrete unloading must be analyzed before the operation, where several options can be used (third-party equipment, available on the market):

- Concrete transport buckets
- dumper
- Wheel loader bucket
- Extension rails
- Concrete self-pump trucks, through the lifting base accessory (optional)
- Pump module

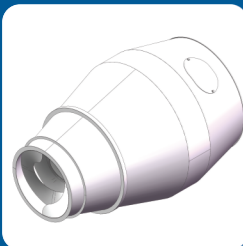
Rated Production  
18m<sup>3</sup> per hour\*

Concrete  
production per  
cycle till 5m<sup>3</sup>

Production may vary according to the cement supply method, wheel loader model, loader and plant operators' skills, concrete mix, quality of inputs and aggregate moisture, discharge method, height and distance from the reservoir of water, weather conditions, among others.

\*\*SITI reserves the right to make dimensional, capacity or component changes without prior notice.

1



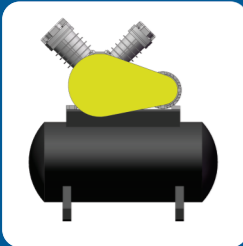
Concrete mixer (mixing drum).

2



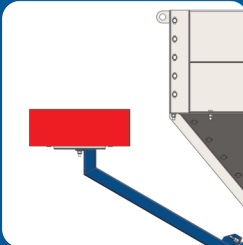
Belt conveyor to supply the aggregates in the concrete mixer drum.

3



Air compressor.

4



Display of aggregate weighing in cumulative mode.

5



Aggregate scale, supplied by a wheel loader.

6



Water dispenser for supplying a concrete mixer drum.

7



Pneumatic plate.

Additive scale for weighing up to 25kg.

8

Electric panel for operation of the entire dosing process of materials.

9

Pressure gauge to analyze slump condition.

10

Discharge with hinged lid to prevent dripping.

11

Command that allows the operation of loading (mixing) of the concrete and unloading, with adjustment of rotation of the concrete mixer drum.

12

Concrete mixer balloon filler.

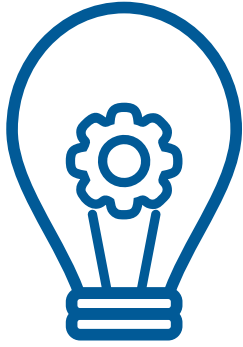
13

Discharge extension chute.

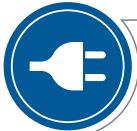
14



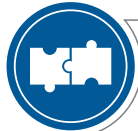
## Benefits



# Innovative Concept



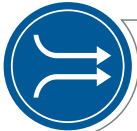
Plug and play concept, where all the necessary structure for the operation is already installed in the equipment.



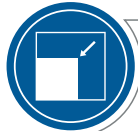
Joining several processes in a single device.



Centralized operation, through a single control panel.



Optimized process, where during mixing in the concrete mixer, the next loading can be carried out on the aggregate scale with the wheel loader.



Gain of physical space (layout reduction), due to the unique and compact structure.



Concrete produced directly at the place of concreting, reducing transfer and time between processing and final application.



It does not require the construction of a foundation base, facilitating the installation, disassembly and demobilization of works, leaving less civil waste and reducing environmental impacts.



Ready equipment with small field assembly details, in a simple and fast way to start operation.



Options for customizing the cement dosing method (complementary equipment for filling via bag ripper, horizontal silo or big-bag).



Optimized dimensions to facilitate transport, dispensing with special permits for displacement.



Access for lifting, facilitating movement.

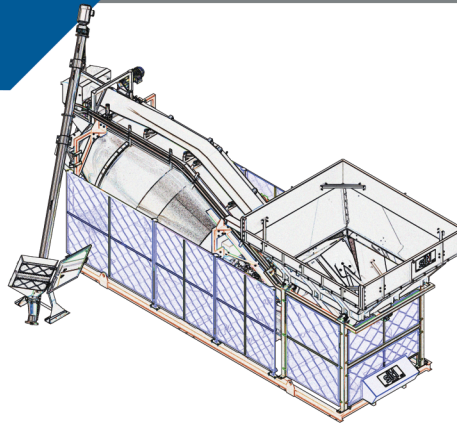


Compared to mixers, it has lower acquisition and installation cost. Compared to manual mixers, it reduces waste, increases quality and productivity.

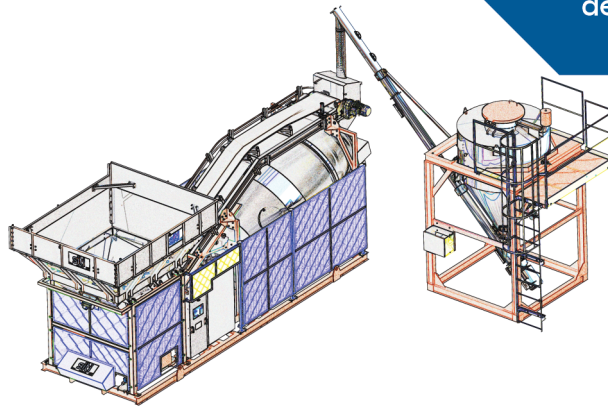
# Concrete dosing

The cement is dosed through a complementary equipment, but with mechanical and electrical connections and operation by the plant. This cement dosing system can be supplied with several options according to the productivity, operation and availability of the cement, as follows:

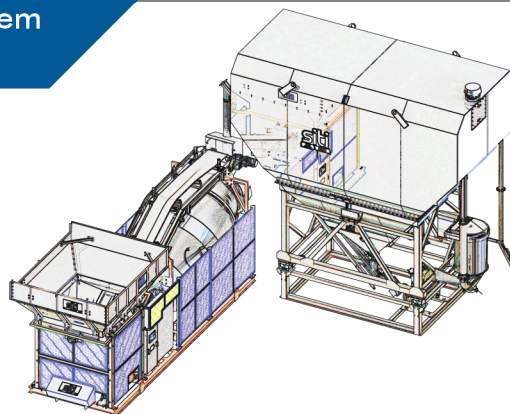
Via bag ripper type hopper with conveyor screw



Via silo for Big-Bag with descending weighing system and screw conveyor



Via horizontal Silo with descending weighing system and screw conveyor



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