ENG

BLEND

mobile mixing plant

A240

www.blendplants.com

- *Easy operation*
- *Quality mixing*
- *Productivity*
- *Flexibility*
- *Autonomy*
- *Mobility*

A new machine concept to meet all your needs

A240 marks a significant novelty in mobile machines. It is able to produce concrete, cold asphalt and stabilisation mixes. Easily transported, with no installation required, it is electrically and hydraulically independent.
All above benefits without losing production capacity or the quality and consistency of a superior product.

A240 easily adapts to all production needs

CONCRETE	COLD ASPHALT	CEMENTITIOUS MIXTURES
CERTIFIED UNI-EN 206-1	MILLED REGENERATION	STABILIZATION AND CONSOLIDATION

Its extraordinary versatility allows it to carry out a wide variety of operations:

- Production of high quality concretes;
- Regeneration of asphalt in cold process with bitumen emulsion;
- Soil stabilisation with cement or lime;
- Treatment of contaminated soils;

TRANSPORT:
1- LIFT
2- PLACE
3- BLEND

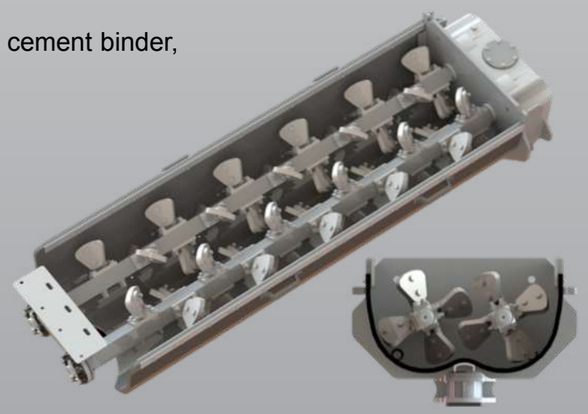
A system engineered to obtain maximum performance

Quality and precision
A240 is proven to guarantee a finished product of superior and consistent quality. Once the production programme is set up, the machine strictly maintains the materials' dosage within the parameters with stable and absolute precision.

Dosing system
Each type of aggregate is fed by its hopper dosing system to the main conveyor belt and then to the twin shaft horizontal mixer.

- Weighing of each aggregate independently;
- Dosage by weight-in-loss of the hopper;
- Electronic control unit weighing and measuring for cement binder, water and aggregates

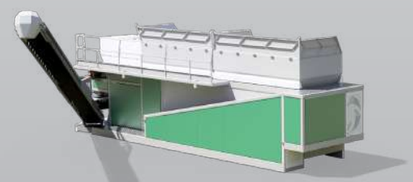
Production per hour	m^3/ h 120
Hopper volume	from 9 to 11 m^3
Power	90/110 Kw Electric/ Diesel
Mixer	High efficiency twin shaft paddle mixer



High productivity, 24 hours a day

A240 is the result of experience and engineering for a new concept of mobile mixing machines. It is a continuous wet mixing plant capable of non-stop work with low energy consumption.

The design offers 2, 3 or 4 to satisfy satisfies different needs: from the quantity of storage to the type of aggregates.



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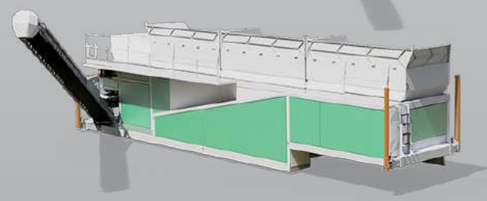
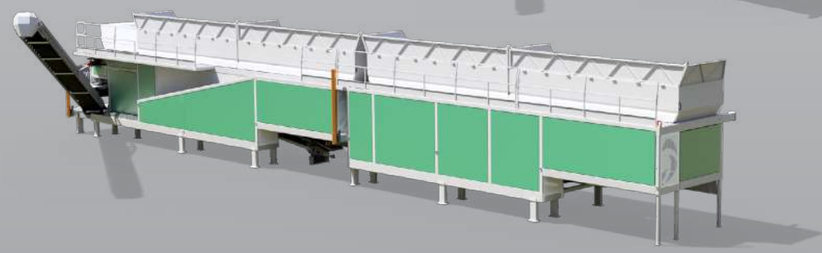


A240



A240.4

AUTONOMOUS AND ECOLOGICAL

- ✓ Huge reduction in fuel consumption
- ✓ Excellent soundproofing, reduction of noise pollution
- ✓ No installation or foundations requirements
- ✓ Work height of operators under 6,5 ft
- ✓ Low water requirement for cleaning

A machine designed to respect the environment

A240 was designed to reduce the impact on the environment, thanks to syncronized low rotational speeds in operation and consequent minimum fuel consumption.
The materials used in its construction were carefully chosen in order to render it totally recyclable.
Reduced noise levels prevent acoustic contamination.

Fully automatic production

A240 has powerful and solid components.
No exceptional transport is necessary, it can be transported with any normal low level truck.
No additional assembly/disassembly operations are required and it may be placed on all types of grounds, even without a base.
A240 does not require any manual intervention, once the program is set up; it automatically maintains the quantity of the materials constant according to the recipe.
It can be operated from a distance by remote control with ease and security. The loader will know which hopper to load by the light signaling in the hoppers.
Using the GPS and remote control it is possible to obtain a report of consumption/productions and a total diagnostic of the machine.

TECHNICAL FEATURES		DIMENSION FOR TRANSPORT	
Production speed max	120 m^3/h	**Length**	13.500 mm
Max Grain size	50 mm	**Width**	2.550 mm
Hoppers Capacity	9/11 m^3	**Height**	3.100 mm
Aggregates dosing	Individual weighing of the hoppers / volumetric	**Weight**	21.000 kg
Hoppers vibrators	Hopper vibrator on moving wall		
Water pump capacity	200 lt/min		
Water dosing	Flowmeter	**MIXER**	
Cement silos volume	3 m^3 / 3,9 T*	**Type**	Twin shaft paddle mixer
Cement dosing	Dynamic weight in loss	**Mixing**	Continuous
Emulsion pump capacity	180 lt/min	**Power**	30 kW
Machine lifting system	Hydraulic cilinders	**Engine**	Hydraulic
Data	LTE / Printer / USB		
Control	Remote controlled		

* The capacity varies according to the type of cement. For cement, the specific gravity considered was 1,3 T/ m^3

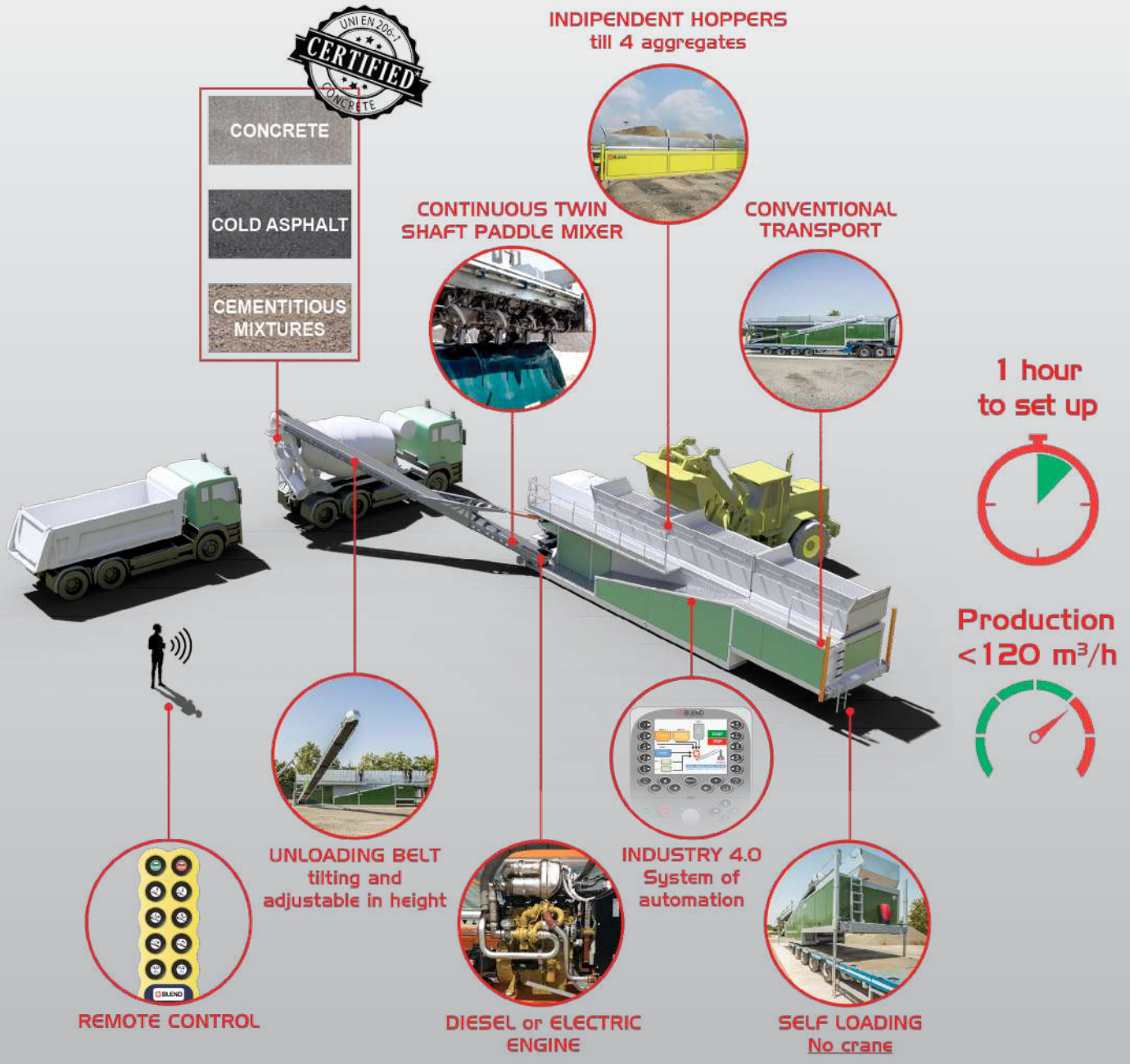
Complete set-up flexibility

No concrete foundation plinths are required for positioning the A240. Its robust framework and hydraulic supports guarantee perfect stability both on concrete floors as well as on normal ground. The range of Blend horizontal cement silos increase its versatility even further.

BLEND

A240 THE ALL-IN-ONE PLANT

TRANSPORT - LIFT - BLEND



A TRULY MOBILE PLANT !

* The certification of the finished product is issued by authorized bodies, based on the control of the raw materials, the concrete mixing plant and the finished product, with periodic checks, according to current regulations.

ITALY

Via Castegnato 19 - 25050
Rodengo Saiano - Brescia
Tel: +39 030 7689730
info@blendplants.com

www.blendplants.com

OTTOBRE 2020