



IMER
CONCRETE
BATCHING PLANT SOLUTIONS



ORUJUST

MOBILE DRY BATCHING SYSTEM





ORUJUST

DRY MOBILE AND TRANSPORTABLE CONCRETE PLANT FOR 9 Y³ (7 M³) CYCLES

ORUJUST is a mobile batching plant. Its simple design makes it easy to transport and very quick to install on site.

It consists of a self-contained unit that includes the frame, the aggregate hopper, the conveyor belt, the cement batcher and control panel.

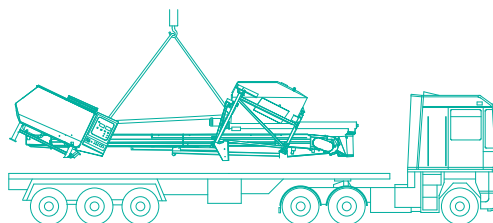
The system requires no foundation work for installation (except for the cement silo mounting plate). It will fit on a standard truck and it will be ready to produce concrete in just a few hours.





STEPS OF TRANSPORT

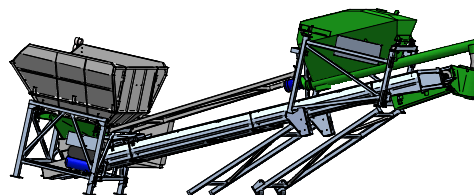
1



EASY TO TRANSPORT

- Using a truck.
- In container: 1x open top 40'.
- Wheel kit (optional).

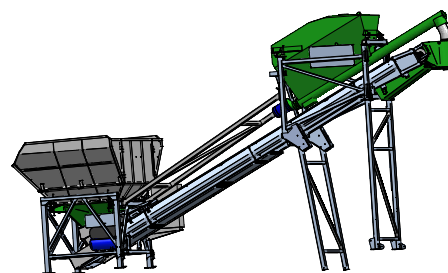
2



QUICK TO INSTALL

- Minimal preparation on site.
- Maximum speed of travel.
- Ability to adapt to all transport conditions.

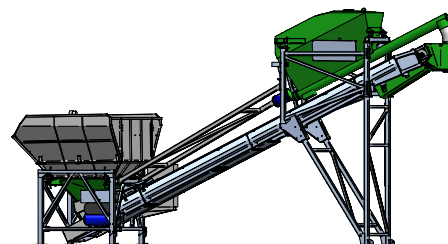
3



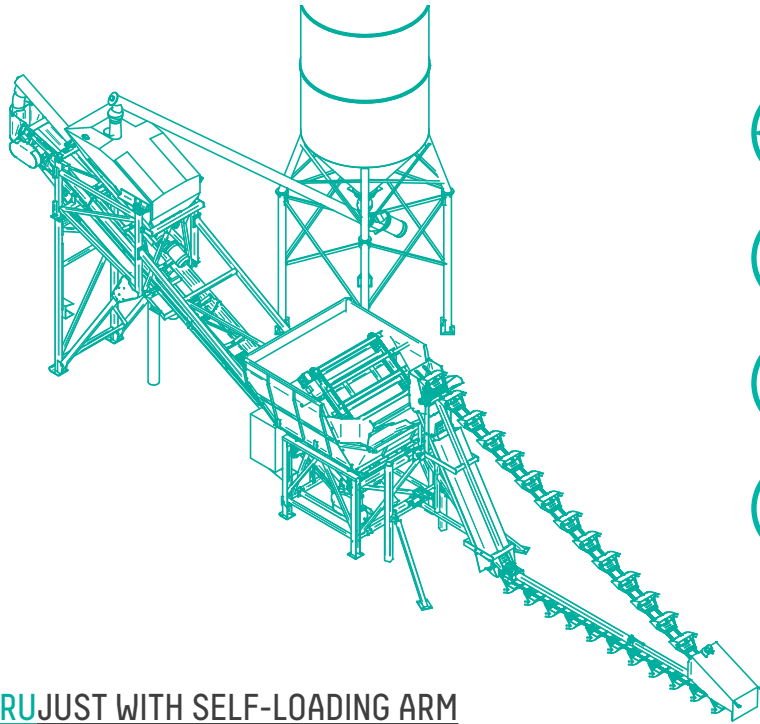
EASY TO MANAGE

- Fast charging system.
- Easy to use control panel.
- Complete dosage and total control of the components.

4



ORUJUST WITH SELF-LOADING ARM



The arms act in a wide range of action and with two radii aggregate storage of up to 262 cu yd (200 m³) is achieved.



Easel for the arms.



The spillator installed on the aggregate hopper provides better distribution.



The dashboard is dedicated for one or two arms and for spill management.

ORUJUST WITH SELF-LOADING ARM

Self-loading arm	-	bidirectional	-	bidirectional
Arm length	ft-in	27'-11"	mm	8500
Gearmotor power	hp	5.5	kW	4
Power of the oleodynamic switchboard	hp	1	kW	0.75
Load arm production with short step	y ³ /h	37	m ³ /h	28
Production with self-loading arm with raised cups	y ³ /h	43	m ³ /h	33
Production with two self-loading arms at one time with a short step	y ³ /h	55	m ³ /h	42
Production with two self-loading arms at one time with raised cups	y ³ /h	63	m ³ /h	48





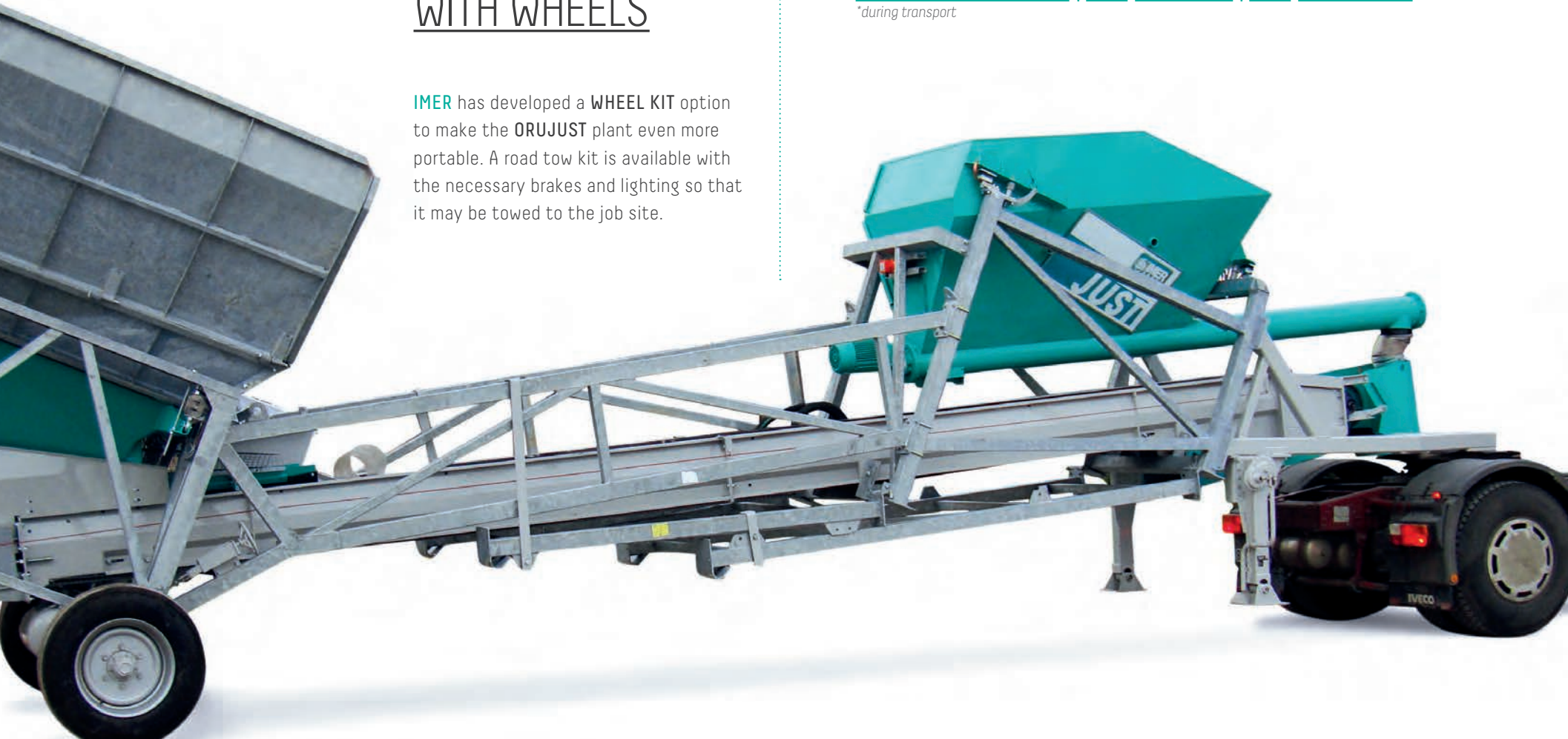
ORUJUST WITH WHEELS

IMER has developed a WHEEL KIT option to make the ORUJUST plant even more portable. A road tow kit is available with the necessary brakes and lighting so that it may be towed to the job site.

ORUJUST WITH WHEELS

Load on drive shaft (rudder)	lbs	3,439	kg	1560
Load on the wheel axle	lbs	7,055	kg	3200
ORUJUST total weight + Wheel kit	lbs	10,494	kg	4760
Wheel diameter	in	33	mm	846
Extreme maximum dimensions*	ft-in	39'x8'-6"x11'-8"	mm	11900x2600x3550

*during transport



AGGREGATE HOPPER HOT-DIP GALVANIZED

The hopper is built with a very thick electro welded sheet. The side walls have hinges at the bottom that allow the walls to fold during the transportation.

When the walls are folded, this plant - both in height and breadth - is within the dimensions allowed for transport by land.

The hopper has a double-gate activated by a pneumatic piston for unloading, and a high-efficiency electric vibrator.



WEIGHING SYSTEM

The weighing system works by load cells with electronic display.



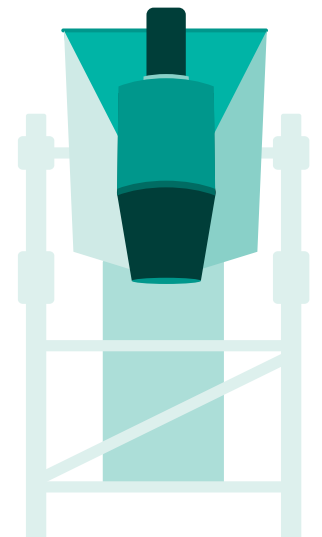
CONTROL PANEL

Semi-automatic, digitized with the ability to store 99 mix-designs. Pre-configured for cement and four aggregates. An LED light tells the machine operator that the proper level of aggregate is achieved based on a predetermined amount. Water and cement is loaded based on the parameters of the mix-design automatically.



CEMENT DOSER

The cutting-edge geometric design and large capacity allows the free flow of cement without aeration. Equipped with four load cells and a built-in extractor fan as part of the scale. Installed at the top of the structure to facilitate and regulate the discharge of cement into the concrete mixer.





ORUJUST TECHNICAL DATA

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Optional cabin



Aggregate hopper

Load capacity filled	y ³	11	m ³	8.4
Weighing capacity	lbs	35,274	kg	16000
Loading height (per shovel)	in	102	mm	2600
Total height with wall extensions	in	126	mm	3200
Shovel Width	in	138	mm	3500
Length	in	98	mm	2500

Cement dispenser

Loading capacity	y ³	3.7	m ³	2.8
Weighing capacity	lbs	6,614	kg	3000
Worm diameter extractor	in	8.6	mm	219
Long endless puller	ft-in	13'- 5"	mm	4100
Power	hp	7.5	kW	5.5

Endless extractor *(model with side silo)* for the production of 65 cu yd/h (50 m³ / h)

Long	ft-in	22'-11"	mm	7000
Width	in	7.6	mm	193
Rated capacity	ton/h	44	t/h	40
Power	hp	7.5	kW	5.5

Extractor belt

Long	ft-in	32'-10"	mm	10000
Width	in	20	mm	500
Power	hp	10	kW	7,5

Endless extractor *(model with side silo)* for the production of 65 cu yd/h (50 m³ / h)

Long	ft-in	22'-11"	mm	7000
Width	in	8.6	mm	219
Rated capacity	ton/h	66	t/h	60
Power	hp	10	kW	7.5

IMER CONCRETE SOLUTIONS

We make solutions for the production, transport and pouring of concrete. A wide range divided into four lines: ReadyMix (batching plants for producing ready-mixed concrete), MixOnSite (simple and portable batch plants designed to be used on site), Precast (precast plants and systems) and Truck Mixers.

The division's engineering staff can offer both standard products and customized technical solutions.

IMER Concrete's personnel have a high level of know-how, which ensures that they are masters of all company processes, from design to post-sales assistance.

We are specialists in concrete machinery for all sectors in which concrete is used.



TRUCK MIXERS



READY MIX



PRECAST



MIX ON SITE



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