



ORU ONEDAY 105

ORU ONEDAY MD 3750/2500
WITH BUILT-IN STORAGE





MOBILE WET

ORU ONEDAY | 105



EASIER TRANSPORTABILITY
MAXIMUM COMPACTNESS
MAXIMUM RELIABILITY

PHILIPPINES

ORU ONEDAY 105 with built-in 100 m³ capacity storage unit, equipped with ORU MD 3750/2500 horizontal twin shaft mixer and aggregate belt loading system with rotating distributor. Ideal for ready-mixed concrete production for construction in sites where mobility and fast installation are essential.



DISTINCTIVE FEATURES



- SYSTEM EQUIPPED WITH HORIZONTAL TWIN SHAFT MIXER AND BUILT-IN WEIGHING SKIP AND FULLY HEAT GALVANISED BUILT-IN STORAGE BINS
- ALL IN A PRE-ASSEMBLED AND PRE-WIRED MONOBLOCK TO QUICKLY SWITCH FROM TRANSPORT TO OPERATING MODE
- MAXIMUM MOBILITY AND TRANSPORTABILITY
- CONTROL CABIN BUILT INTO THE FRAME EVEN DURING THE TRANSPORT PHASE
- SIMPLE TO USE



ORU ONEDAY concrete batching plant with aggregate storage, control cabin and incorporated weighing skip.

EASY TO TRANSPORT AND ASSEMBLE

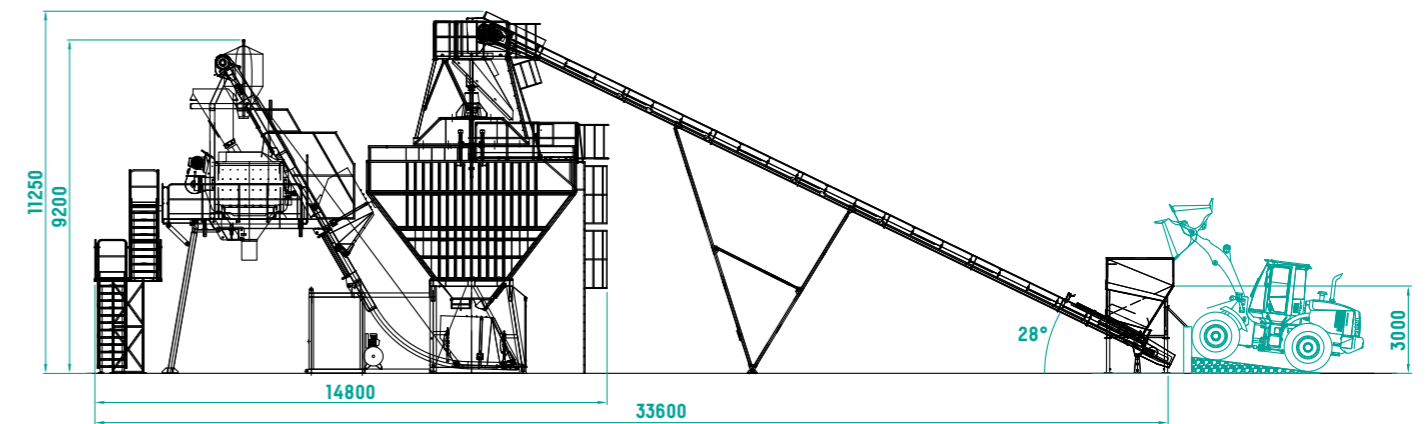
MECHANICAL BLADE LOADING

BY ROAD 1 LOW BED TRUCK + 1 STANDARD TRUCK (13,6 M)		BY ROAD 1 LOW BED TRUCK + 2 STANDARD TRUCKS (13,6 M)
BY SEA 1X40' FR H=3250 + 1X40' OT + 1X20' OT		BY SEA 1X40' FR H=3250 + 2X40' OT

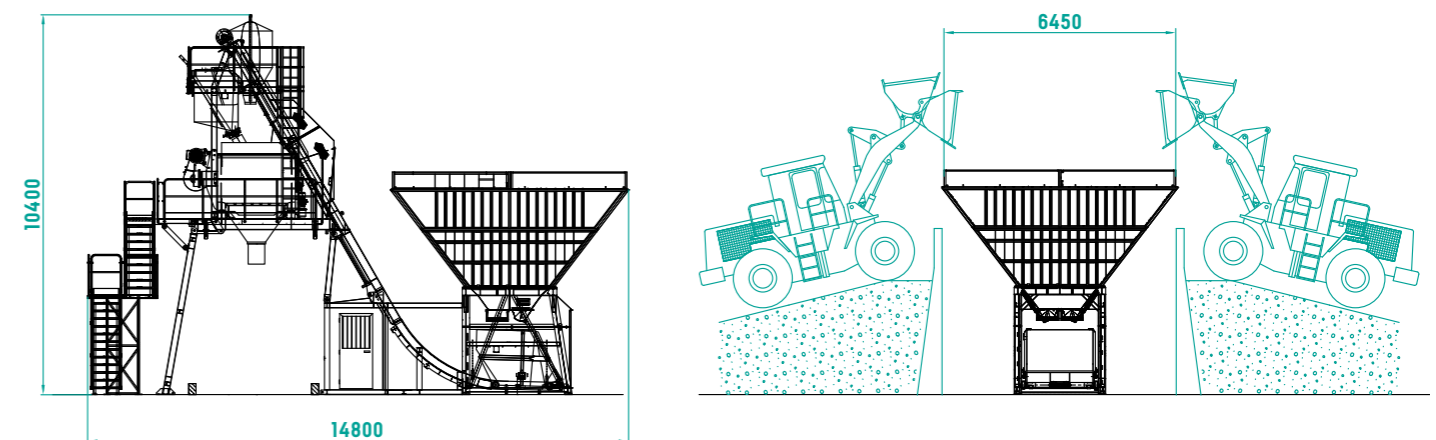
Transport valid for the standard configuration

LAYOUT

ORUONEDAY 105 LOADING BY CONVEYOR BELT



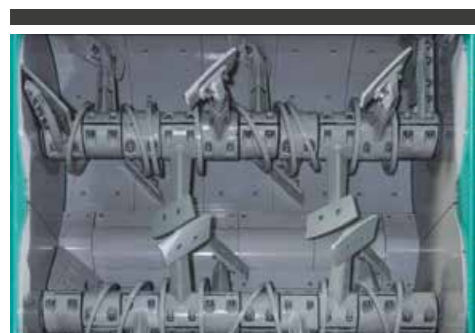
ORUONEDAY 105 LOADING BY PAYLOADER



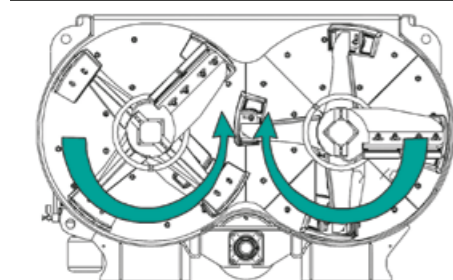
TECHNICAL CHARACTERISTICS - (Standard configuration)

		ORUONEDAY 105	
Hourly production	m ³ /h		105
Batch capacity (vibrated concrete)	m ³		2.5
Power required	kW		125
Conveyor belt loading system (power required)	kW		18
Twin shaft mixers	mod		ORUMD 3750/2500
Skip (speed)	m/s		0,55
Cement weighing hopper	l		1600
Water weighing hopper	l		800
Aggregates storage (capacity)	m ³		60/100
Weighing system (approved-Type)	mod		with loading cells
Aggregates hygrometer probe (microwave) (recommended optional)	mod		PK-3
Additives system (recommended optional)	n°/l		3x24
Electric compressor (recommended optional)	mod		B7000
Management unit	mod		HPS 2100V

HORIZONTAL TWIN SHAFT MIXER ORU MD 3750/2500



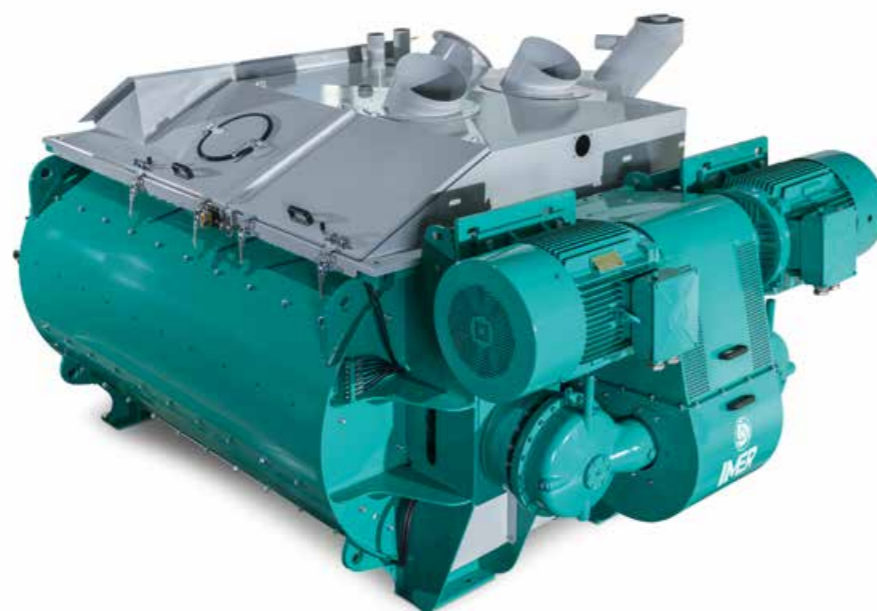
High capacity mixing bin



Synchronised and alternating mixing axis rotation



Automatic lubrication system equipped with 4 programmable and independent pumps

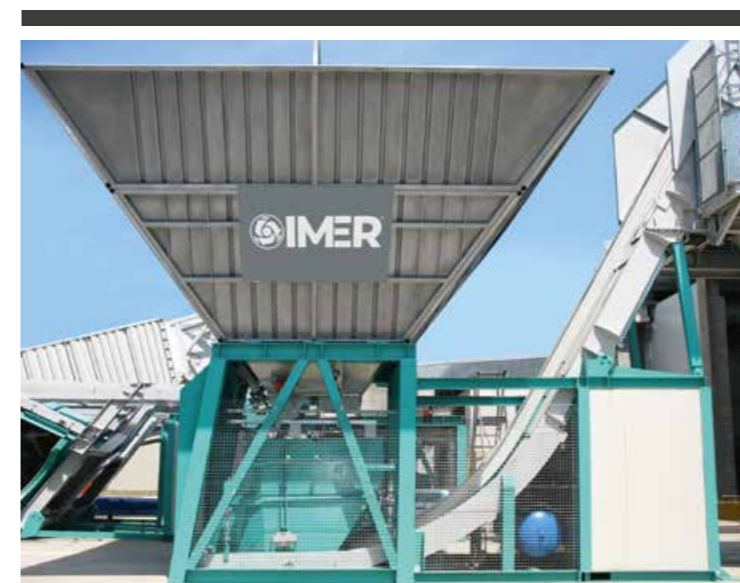


MIXERS TECHNICAL DATA

		3750/2500
Load capacity	l	3750
Load capacity	Kg	5930
Vibrated yield	l	2500
Cycle time	sec.	60
Max inert size	mm	0-150
Mixing power	kW	2x45
Mixing blades	n.	16
Oil hydraulic unit	kW	1.5
Skip load capacity	l	3750
Standard skip speed	m/min	35
Skip power	kW	37
Weight	Kg	8200

MAIN OPTIONAL ACCESSORIES

- 600 HB WEAR-PROOF CAST IRON ALLOY INTERNAL LINING
- THICKER BLADES AND VERTICAL PANELS
- AUTOMATIC HIGH PRESSURE CLEANING SYSTEM
- CONFIGURATIONS FOR EXTREME WEATHER CONDITIONS



Aggregate storage ONEDAY with weighing skip

ORU ONEDAY AGGREGATE STORAGE

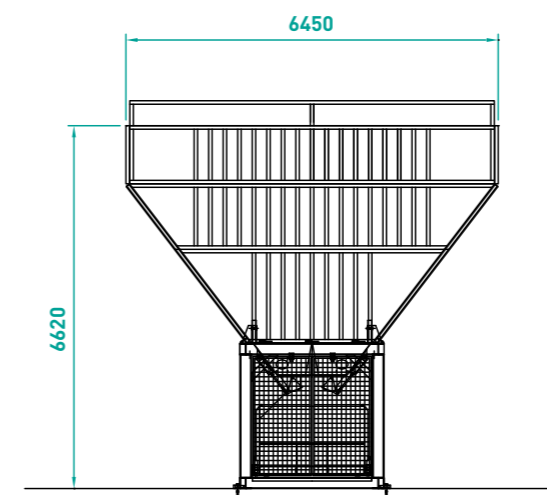
- AGGREGATE LOADED BY MECHANICAL BLADE OR BELT WITH ROTATING DISTRIBUTOR
- EXCELLENT AGGREGATE SLIDING COEFFICIENT
- EXPANDED DISCHARGE MOUTHS FOR HIGH PRODUCTIVITY
- HIGHLY COMPACT DUE TO WEIGHING SKIP



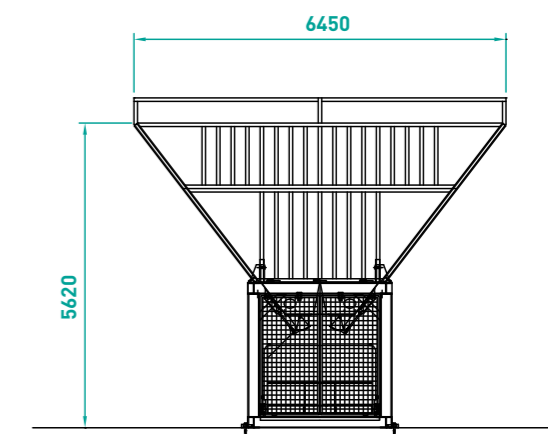
Storage bins, intermediate walls and discharge mouths fully heat galvanised



Rotating distributor



100 m³



60 m³

HPS 2100-V MANAGEMENT AND CONTROL SYSTEMS

HPS 2100-V

Is a customised and automated software solution for the most advanced concrete pre-packaging processes. Thanks to its user-friendly interface, the system is extremely simple to use. HPS 2100-V is the result of synergies between experience, technology and flexibility, all offered at the customer's disposition.

The basic hardware configuration includes a personal computer with an LCD monitor as well as the peripheral devices needed to store and enter data. Microsoft Windows operating system is used, available in different languages. Real-time operation is ensured by the PLC.

