



ORION

SMART CONCRETE BATCH PLANTS
FOR PRECAST AND READY MIX



Marcantonini Concrete Technology





Since 1967 we have been managing the complexity of the production cycle, transport and distribution of concrete, developing for the customer **integrated and customized technological systems** in relation to his objectives.



In these first 55 years we have always remained faithful to the vocation for the science of our founder Lamberto Marcantonini who taught us to overcome every challenge with tenacity and rigor.

Today his son Andrea Marcantonini continues to hold the MCT rudder firmly, looking proudly at the exceptional company experience and planning an increasingly international and performing future in providing customised technical solutions.

And our mission continues to be clear also for the next years:

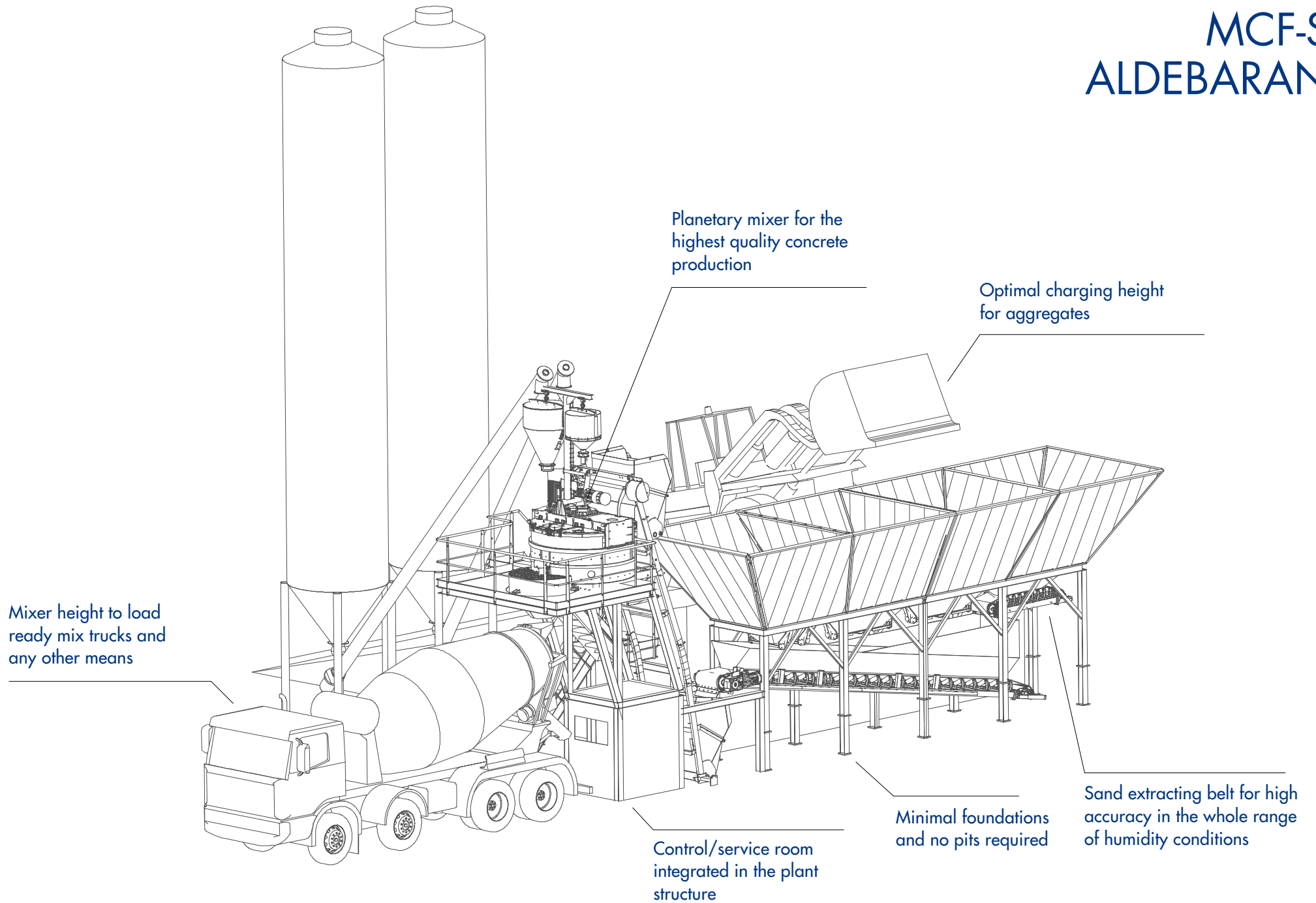
provide customised solutions, working together with passion with our partners to achieve a common target: make everyone's work easier. We want to create a relationship based on trust and confidence with our customers, aiming to establish strong and stable personal relationships, beyond the working environment.

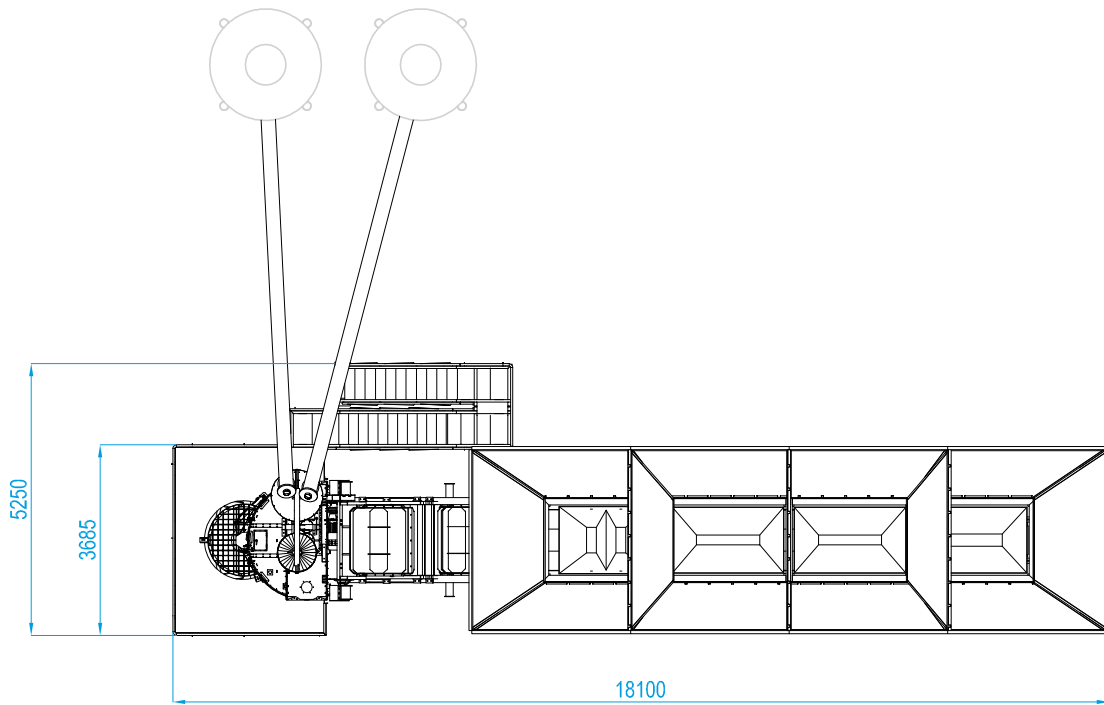
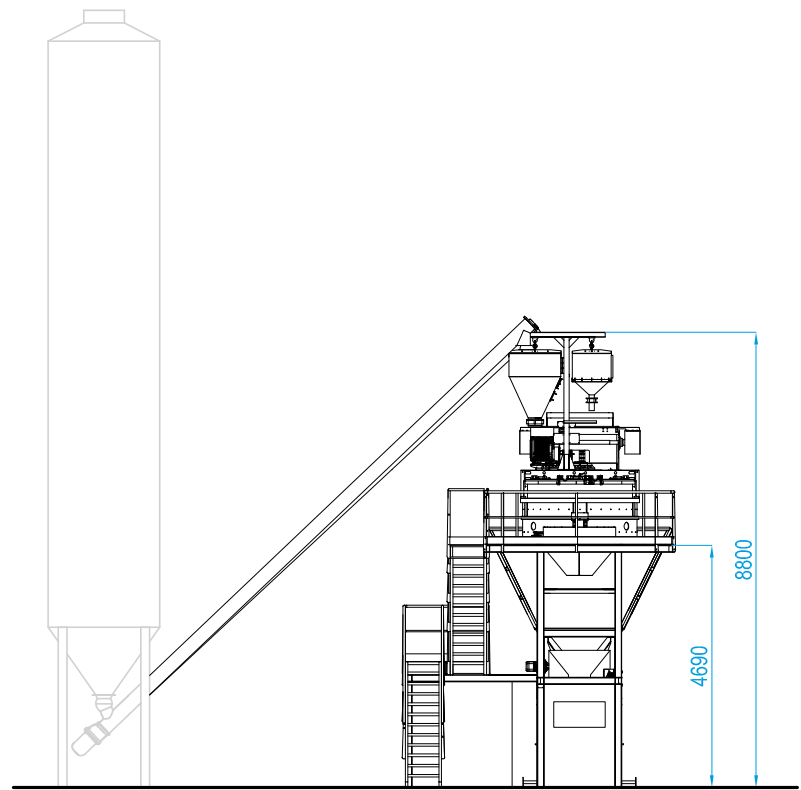
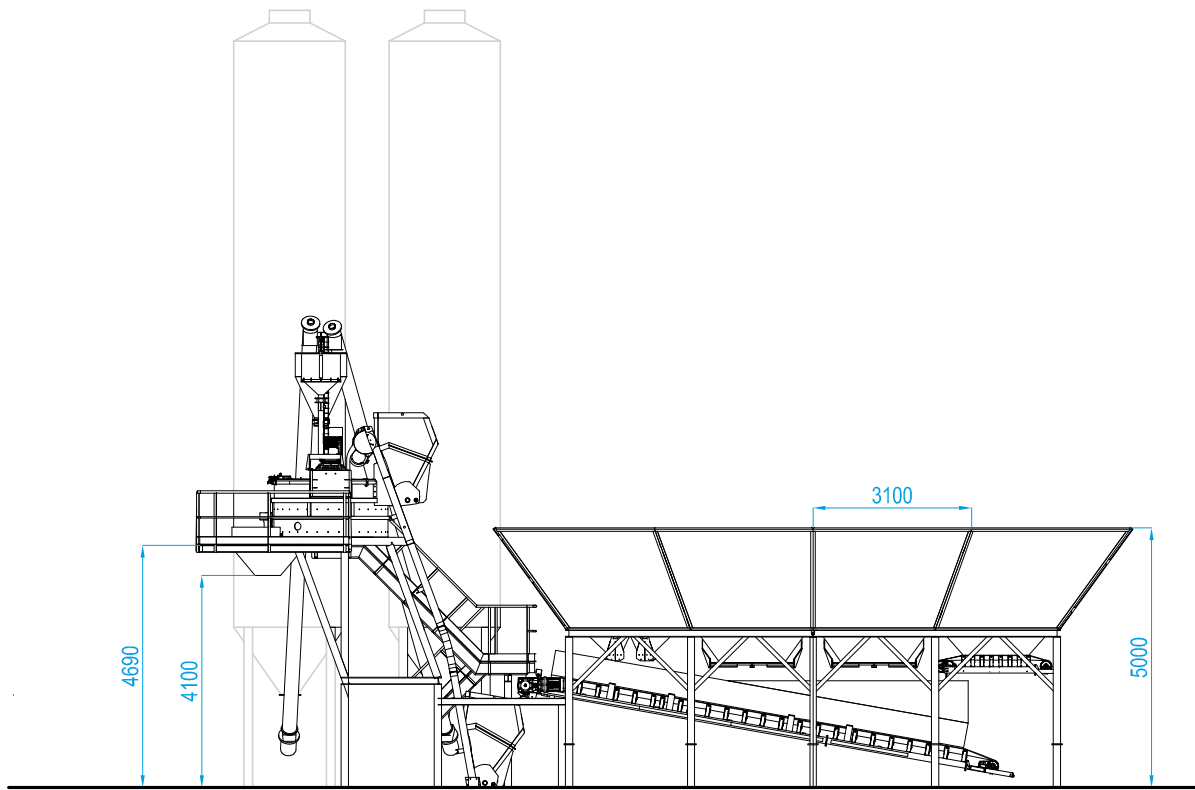
MCF-S ALDEBARAN

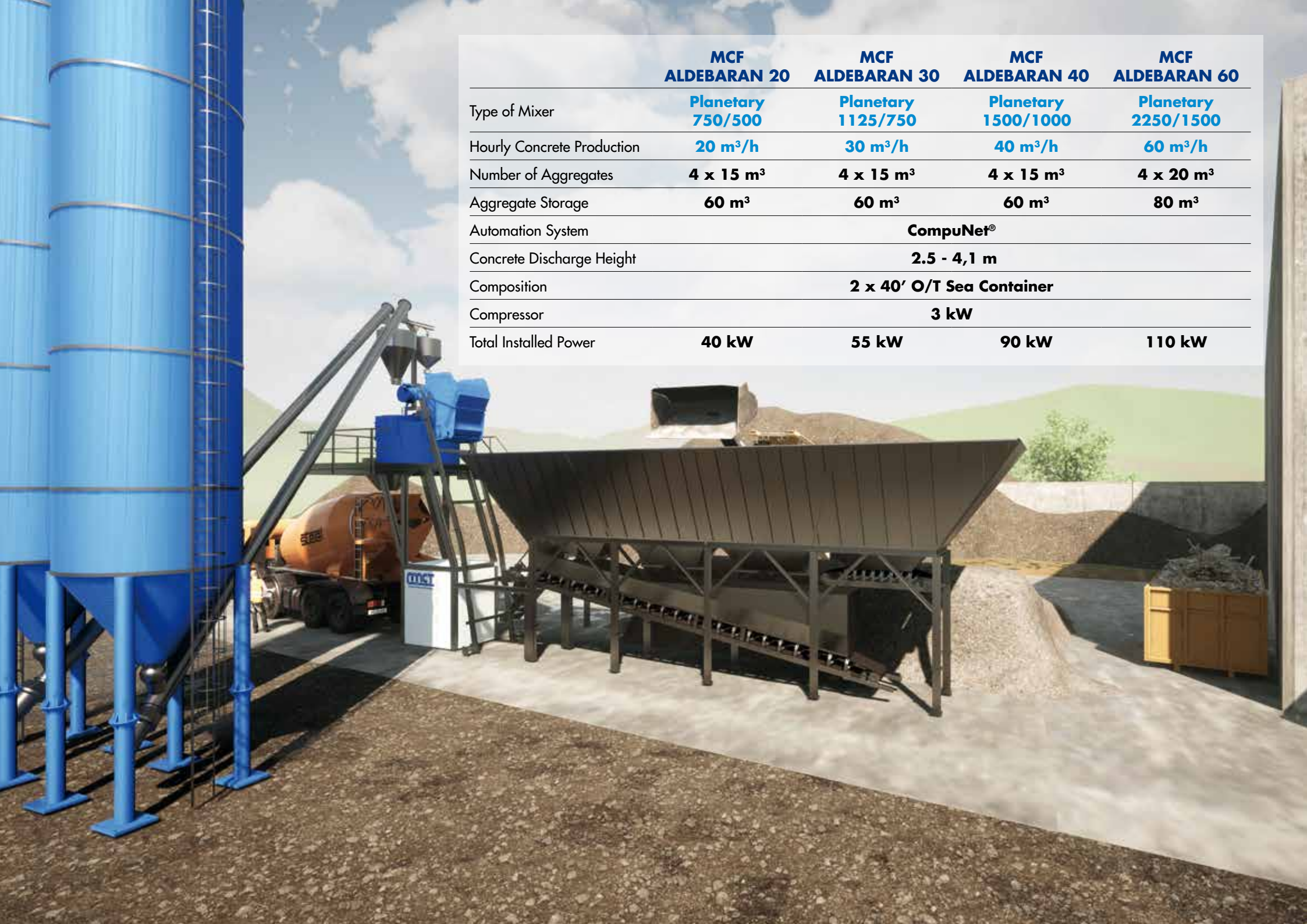
The MCF-S Aldebaran batching plants range has been designed to meet the needs of the concrete producers with a maximum capacity up to 60 m³/h. Thanks to the planetary mixer it is possible to produce high quality concrete for all consistency classes (S0-S5).



MCF-S ALDEBARAN







	MCF ALDEBARAN 20	MCF ALDEBARAN 30	MCF ALDEBARAN 40	MCF ALDEBARAN 60
Type of Mixer	Planetary 750/500	Planetary 1125/750	Planetary 1500/1000	Planetary 2250/1500
Hourly Concrete Production	20 m³/h	30 m³/h	40 m³/h	60 m³/h
Number of Aggregates	4 x 15 m³	4 x 15 m³	4 x 15 m³	4 x 20 m³
Aggregate Storage	60 m³	60 m³	60 m³	80 m³
Automation System	CompuNet®			
Concrete Discharge Height	2.5 - 4,1 m			
Composition	2 x 40' O/T Sea Container			
Compressor	3 kW			
Total Installed Power	40 kW	55 kW	90 kW	110 kW

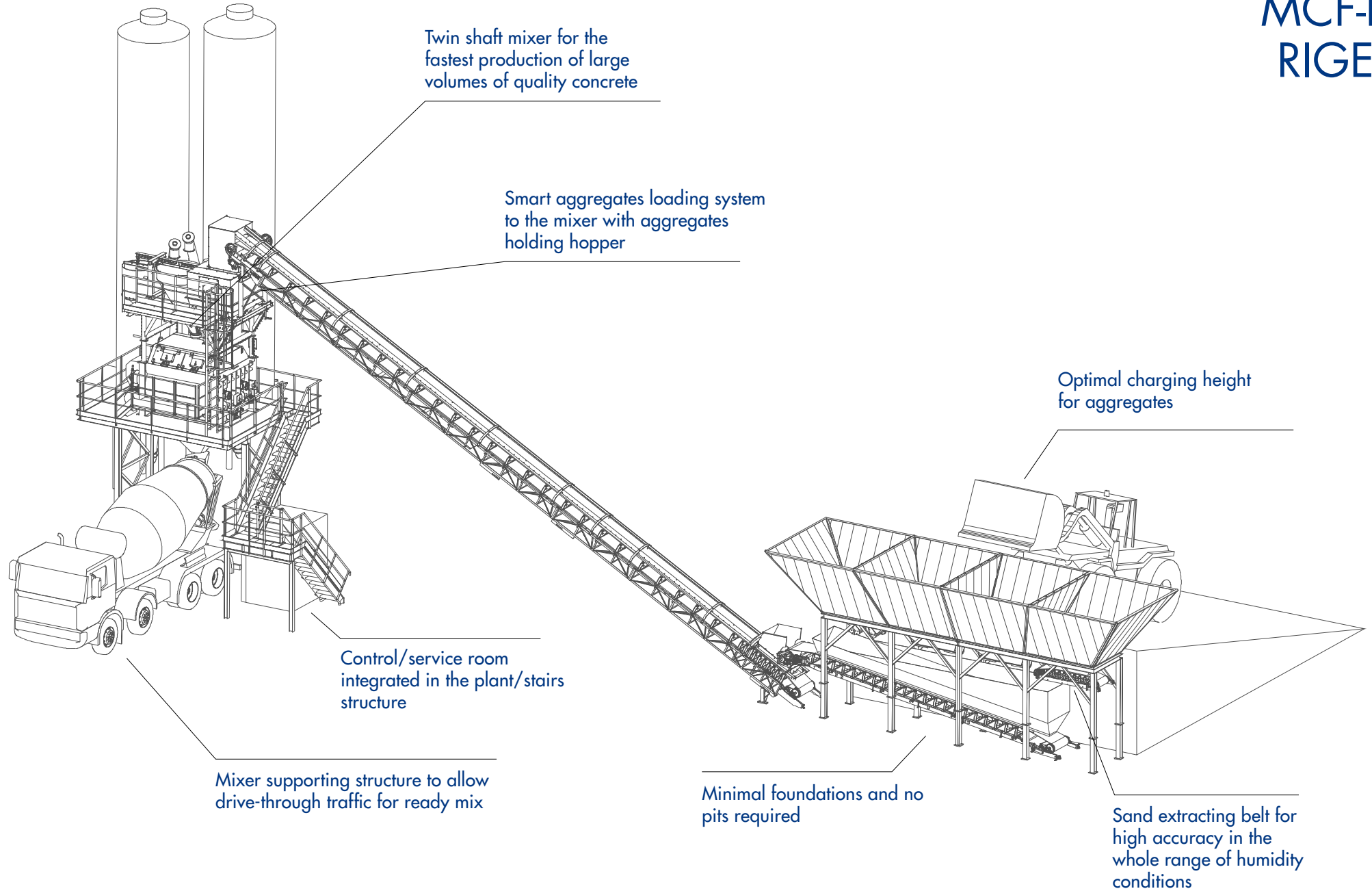
A large industrial concrete mixing plant, the MCF-B RIGEL, is shown in a quarry or construction site. The plant features two tall, grey cylindrical silos on the left, a central blue structure with multiple levels and conveyor belts, and a large orange concrete mixer truck in the foreground. A worker in a yellow safety vest is visible on a platform. The background shows a quarry with large piles of aggregate and a yellow loader. The sky is blue with scattered clouds.

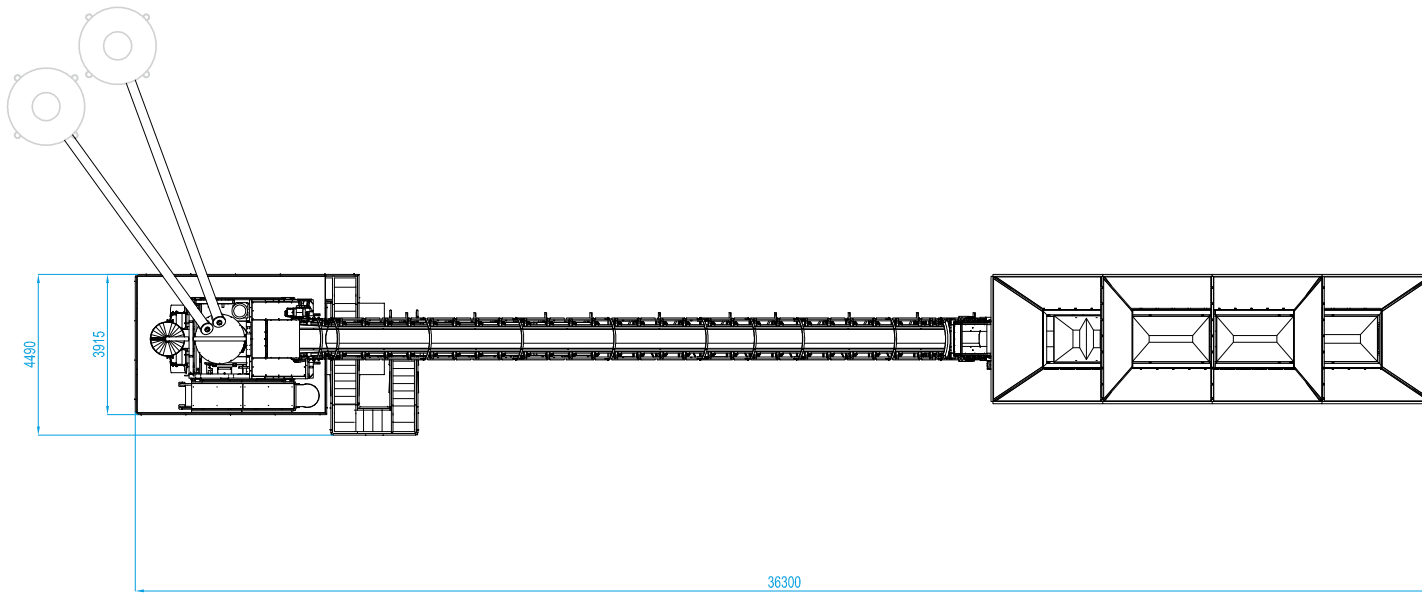
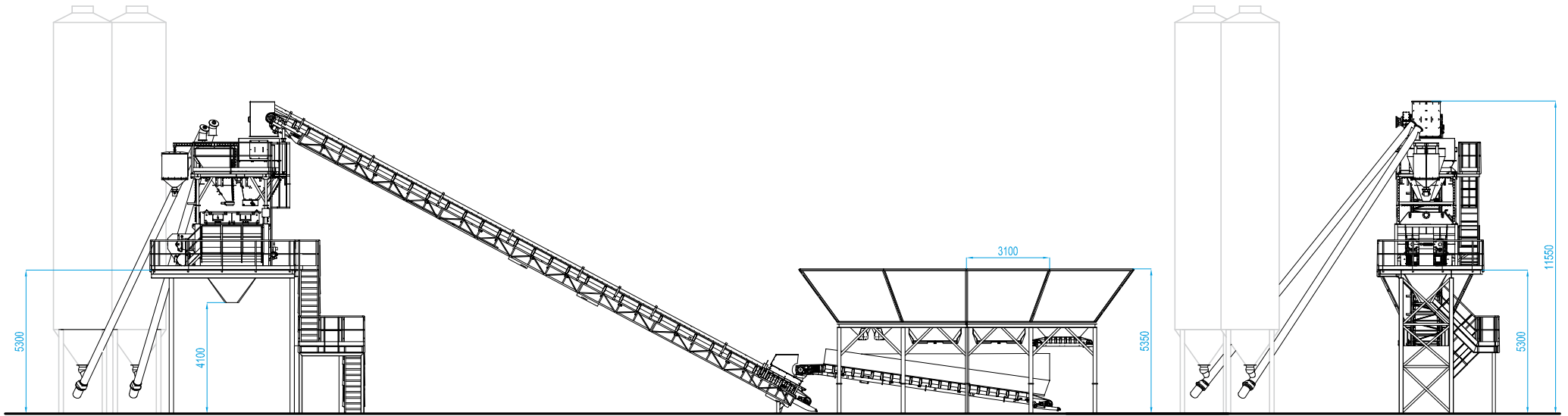
MCF-B RIGEL

The MCF-B Rigel mixing plants range has been developed to meet the needs of large and fast concrete productions, up to 135 m³/h.

The design of every detail is focused to ensure high reliability and functionality during the production of large volumes of high quality concrete.

MCF-B RIGEL





	MCF RIGEL 60	MCF RIGEL 80	MCF RIGEL 100	MCF RIGEL 130
Type of Mixer	Twin Shaft 2250/1500	Twin Shaft 3000/2000	Twin Shaft 3750/2500	Twin Shaft 5000/3350
Hourly Concrete Production	60 m³/h	80 m³/h	100 m³/h	130 m³/h
Number of Aggregates	4 x 20 m³			
Aggregate Storage	80 m³			
Automation System	CompuNet[®]			
Concrete Discharge Height	4,1 m			
Composition	3 x 40' O/T Sea Container			
Compressor	3 kW	4 kW	4 kW	4 kW
Total Installed Power	110 kW	180 kW	220 kW	280 kW



MCM BELLATRIX L

The MCM Bellatrix L mobile concrete plants range perfectly combines the performance of a fixed power plant with the flexibility of a mobile set up. Thanks to the absolutely innovative layout, the plant is composed of 2 x 40' Sea-containers: extremely easy to transport (by road, rail, sea), minimal need of foundation and plug & play design with start up in only few hours.

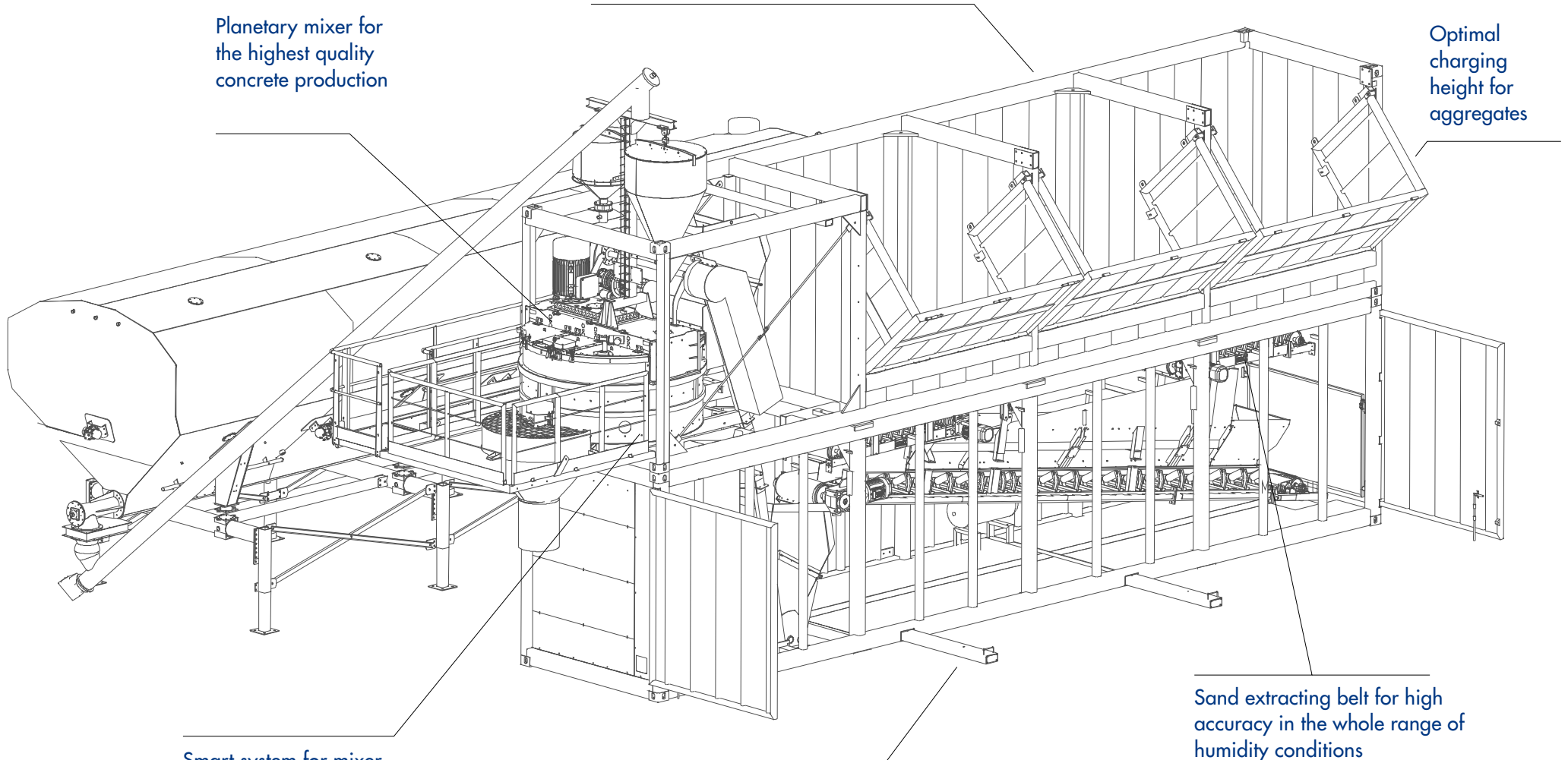


MCM BELLATRIX L

Smart and compact plant design
to include the whole plant in
2 sea containers, with complete enclosure for
the lower container

Planetary mixer for
the highest quality
concrete production

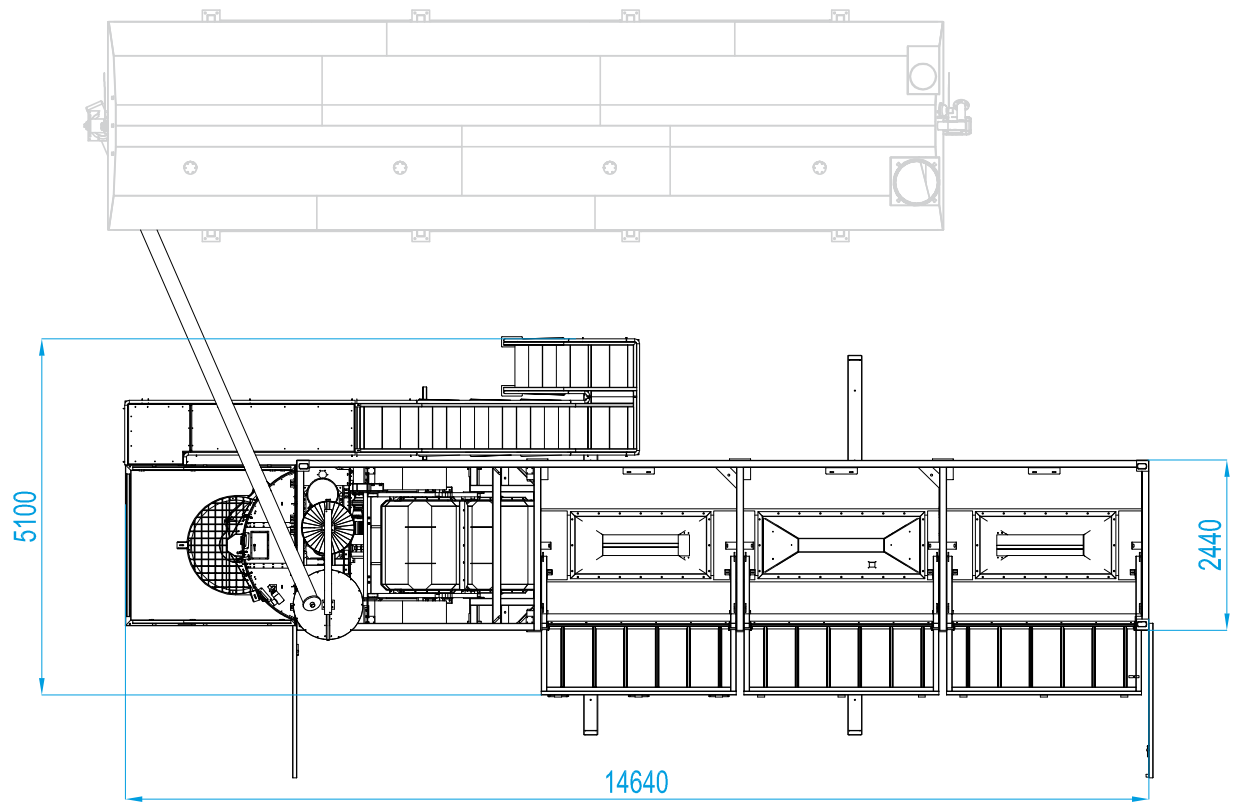
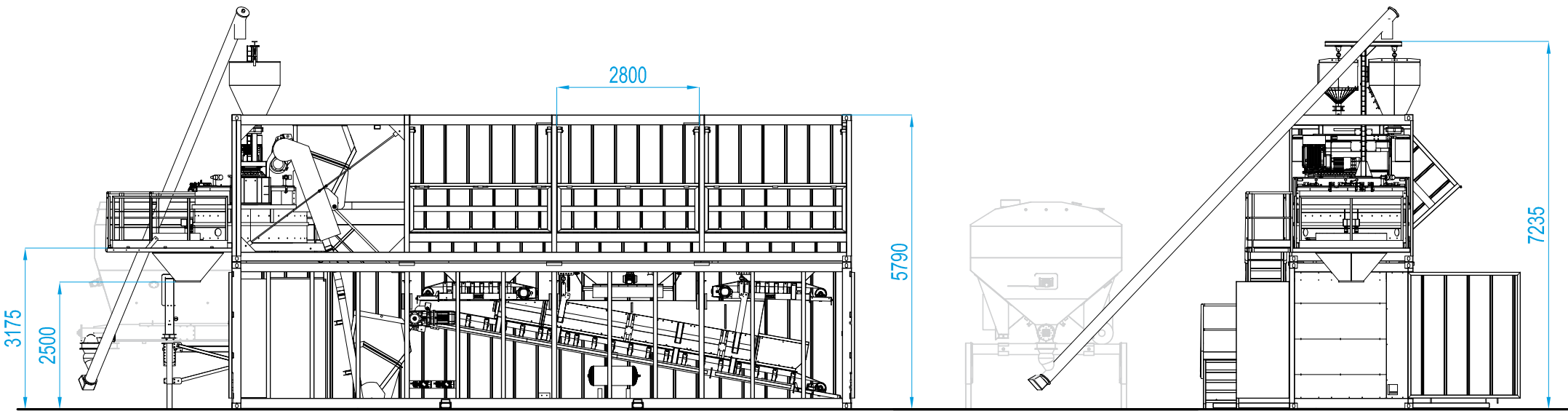
Optimal
charging
height for
aggregates



Smart system for mixer
transportation layout with
rails for quick installation

No foundations
and no pits required

Sand extracting belt for high
accuracy in the whole range of
humidity conditions





MCM BELLATRIX L 40

Type of Mixer	Planetary 1500/1000
Hourly Concrete Production	40 m³/h
Number of Aggregates	3 x 25 m³
Aggregate Storage	75 m³
Automation System	CompuNet[®]
Concrete Discharge Height	2,5 m
Composition	2 x 40' HC Sea Container
Weight	29 t
Compressor	3 kW
Total Installed Power	110 kW

MCM BELLATRIX H



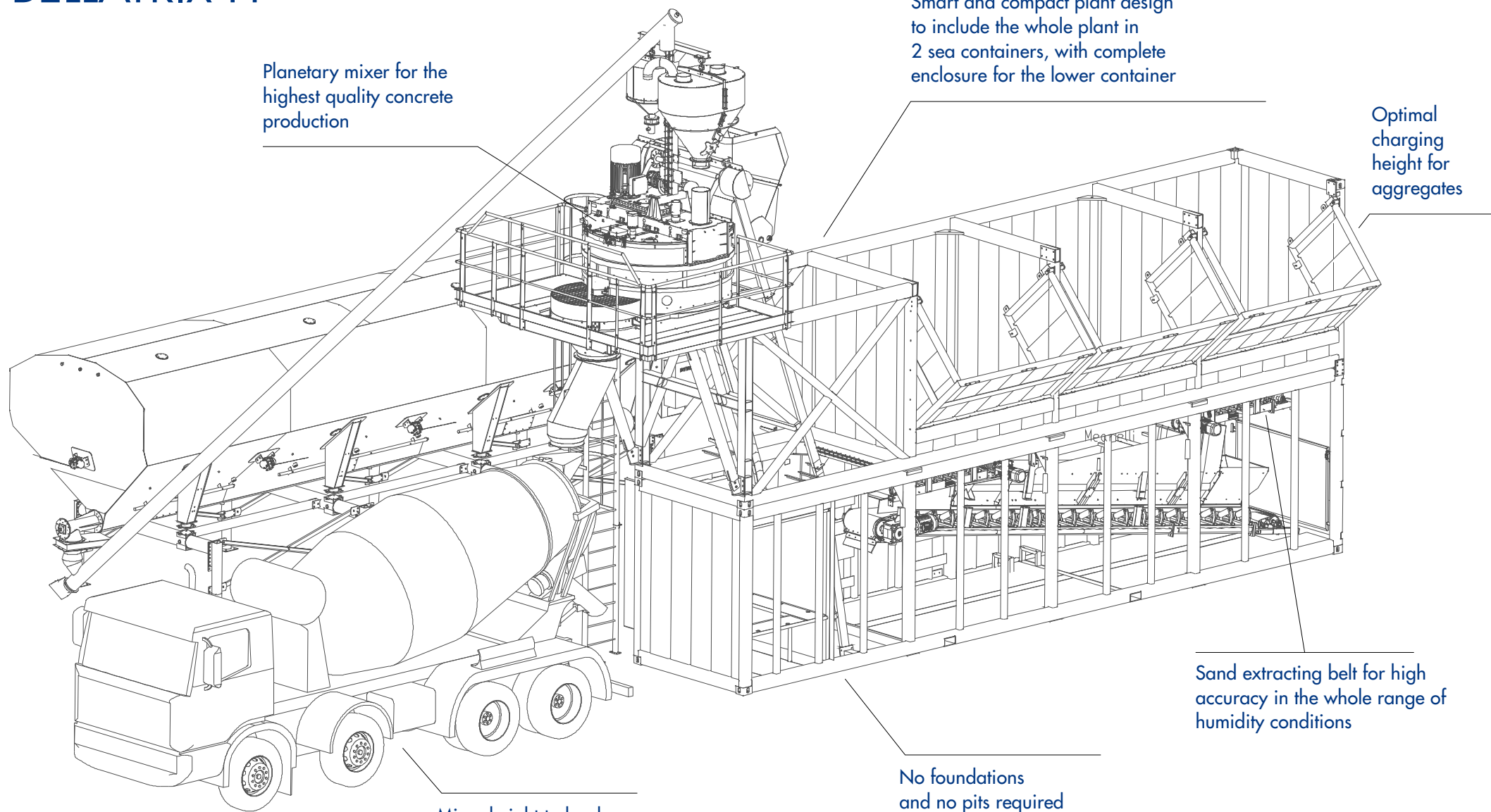
The MCM Bellatrix H mobile concrete plants range perfectly combines the performance of a fixed power plant with the flexibility of a mobile set up. Thanks to the absolutely innovative layout, the plant is composed of 2 x 40' Sea-containers: extremely easy to transport (by road, rail, sea), minimal need of foundation and plug & play desing with start up in only few hours.

MCM BELLATRIX H

Planetary mixer for the highest quality concrete production

Smart and compact plant design to include the whole plant in 2 sea containers, with complete enclosure for the lower container

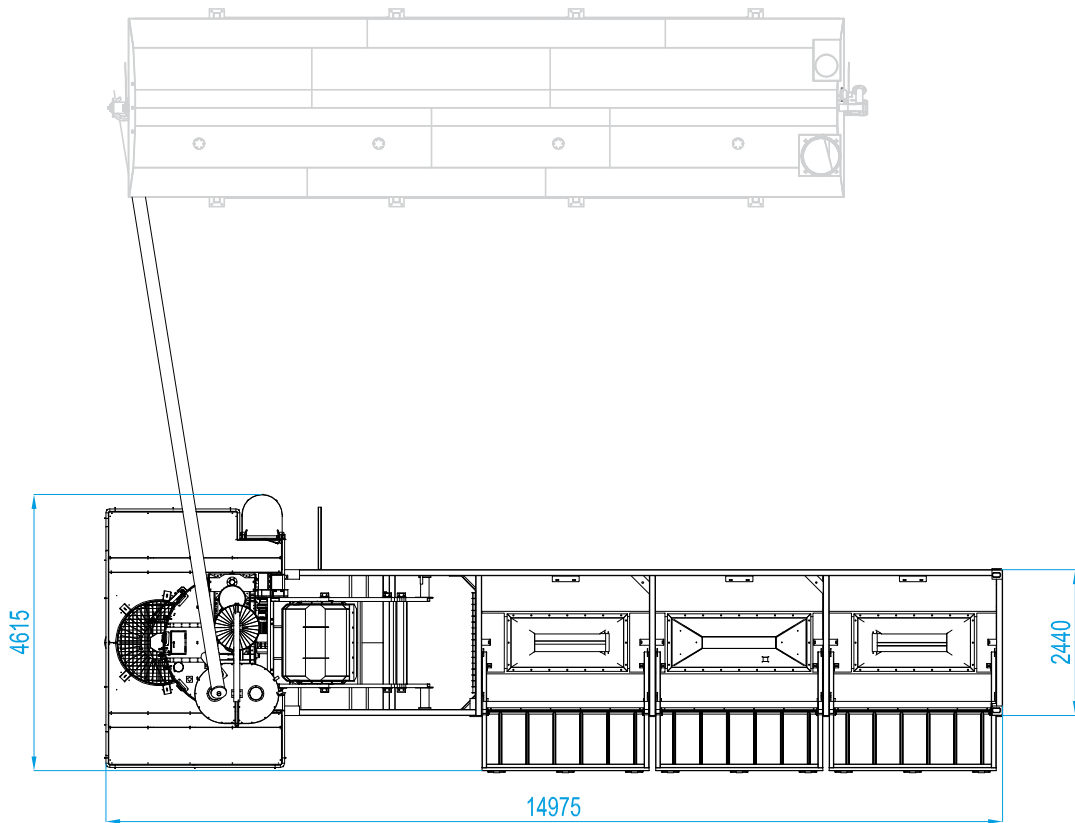
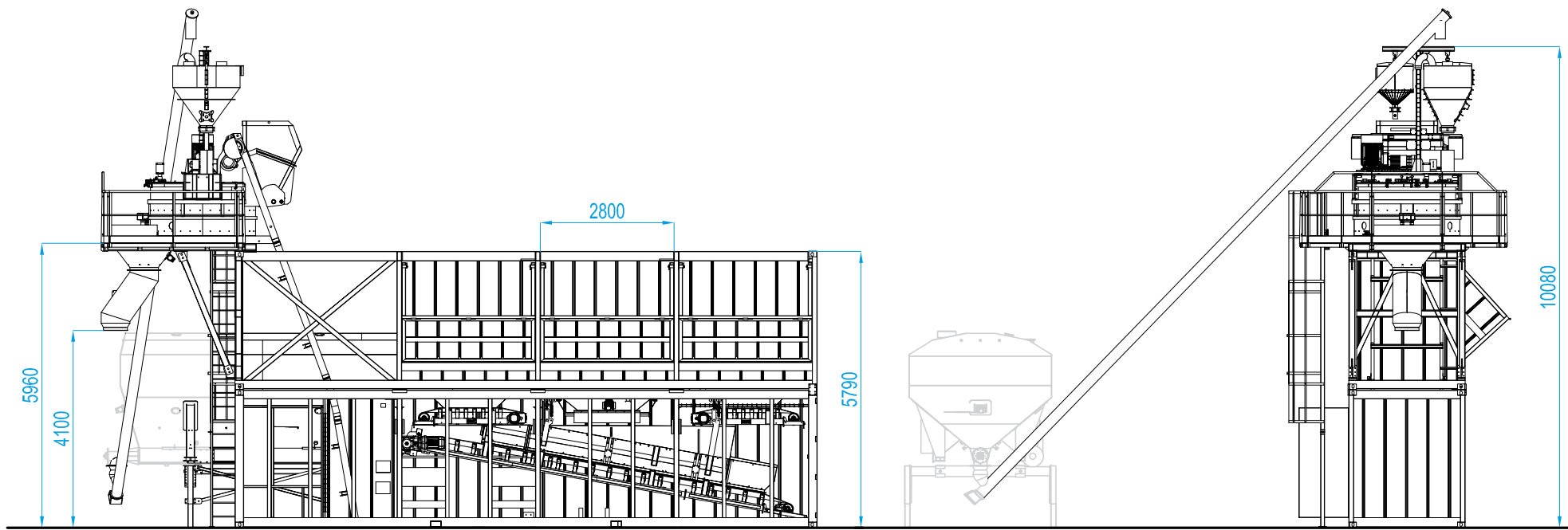
Optimal charging height for aggregates



Mixer height to load ready mix trucks and any other means

No foundations and no pits required

Sand extracting belt for high accuracy in the whole range of humidity conditions





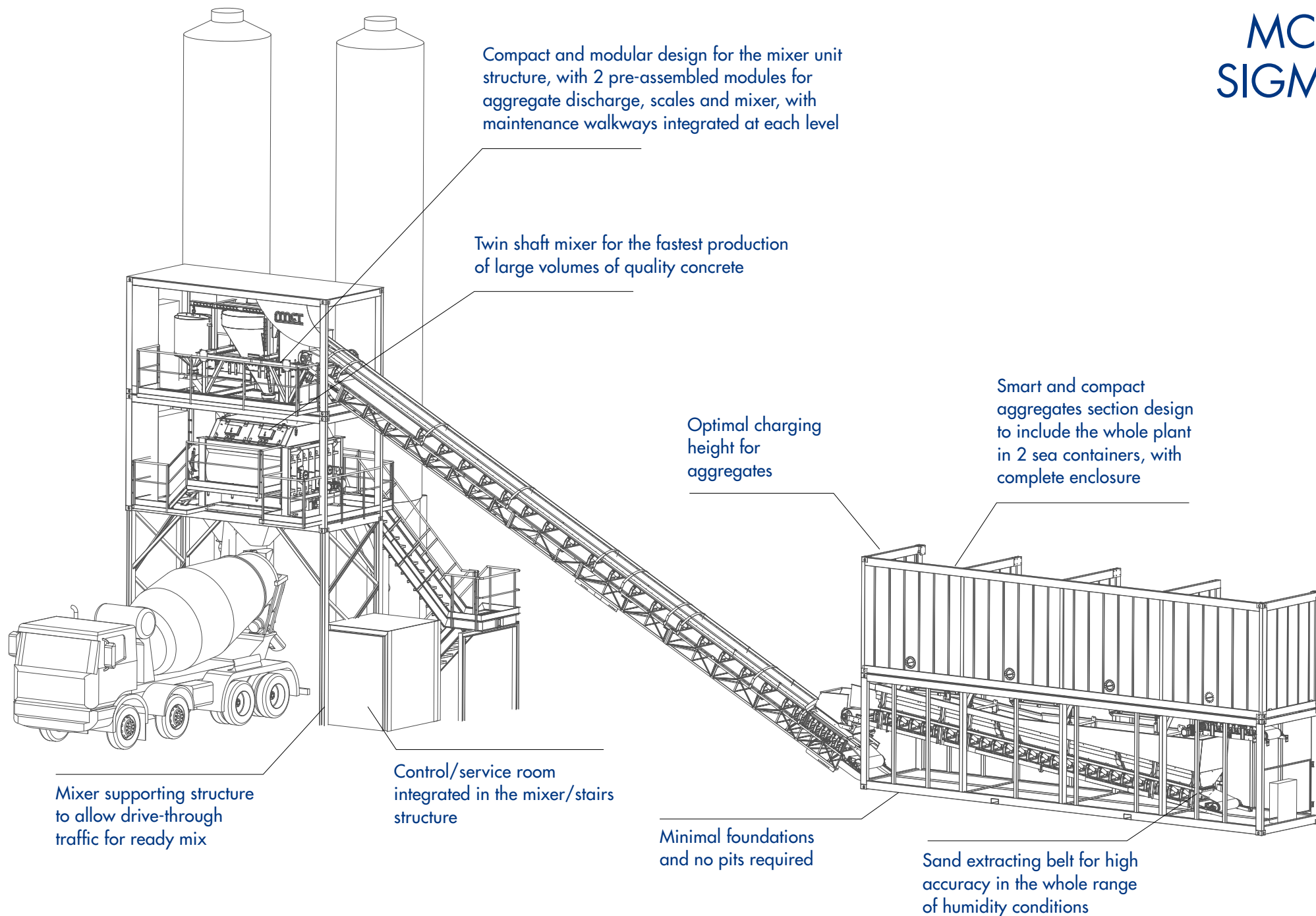
	MCM BELLATRIX H 40	MCM BELLATRIX H 60
Type of Mixer	Planetary 1500/1000	Planetary 2250/1500
Hourly Concrete Production	40 m³/h	60 m³/h
Number of Aggregates		3 x 25 m³
Aggregate Storage		75 m³
Automation System		CompuNet®
Concrete Discharge Height		4,1 m
Composition		2 x 40' HC Sea Container
Weight		29 t
Compressor		3 kW
Total Installed Power	110 kW	140 kW

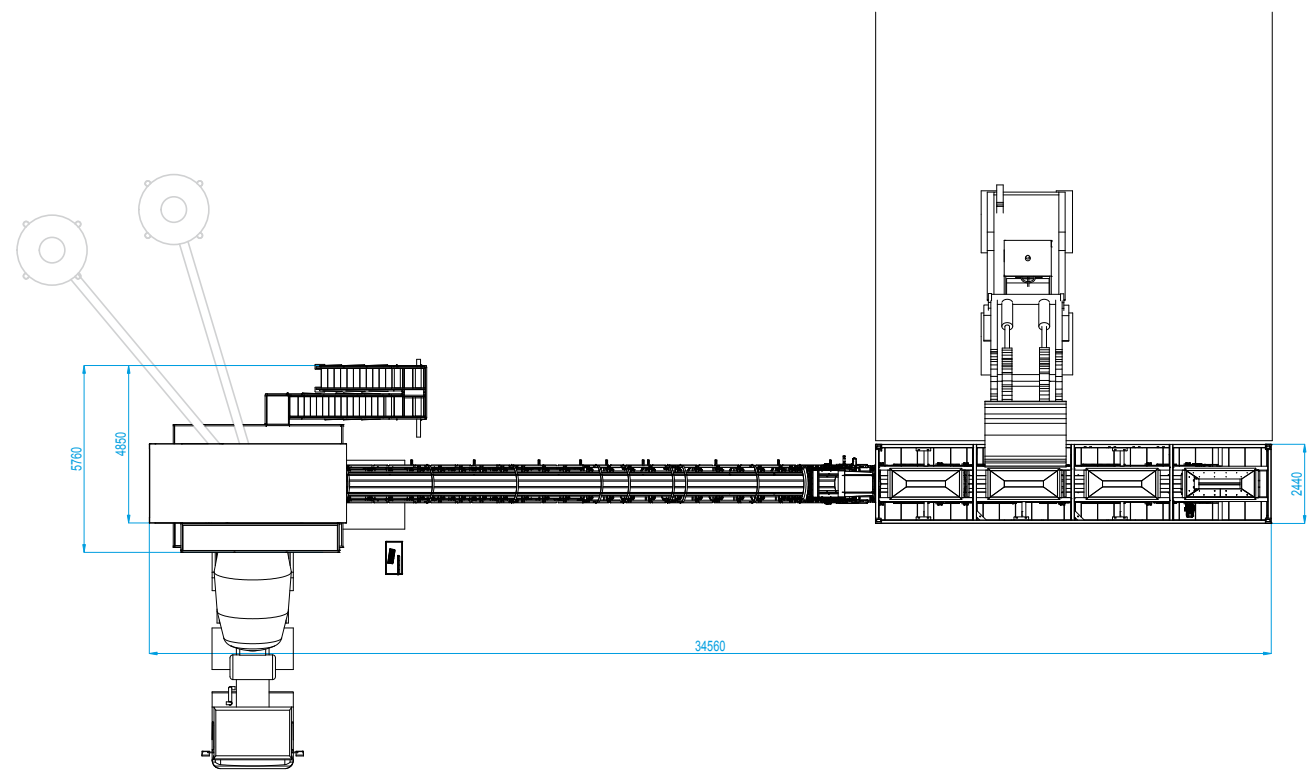
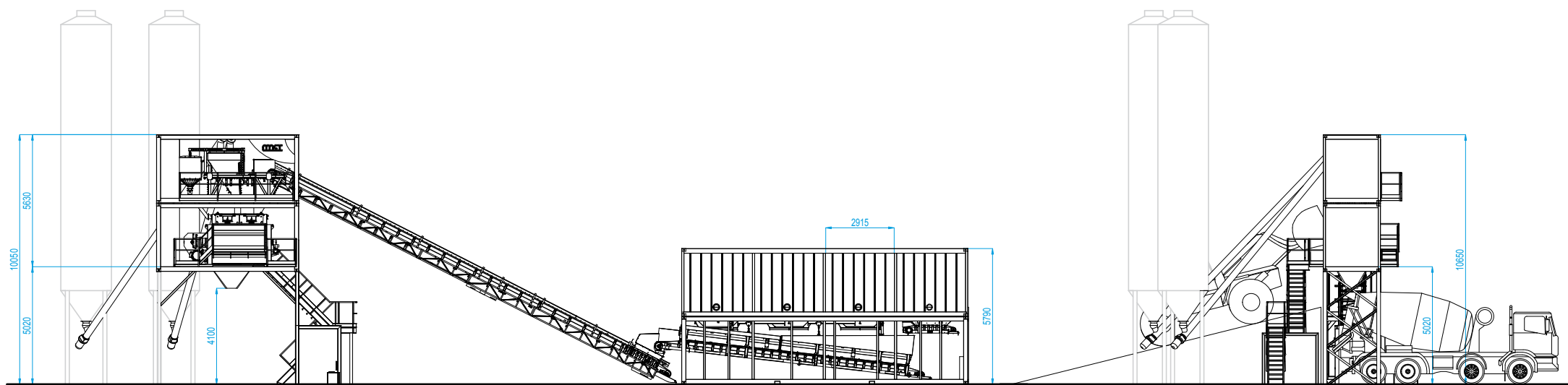
MCM SIGMA

The MCM SIGMA mixing plants range has been developed to meet the needs of large and fast concrete productions, up to 120 m³/h.

The design of every detail is focused to ensure high reliability and functionality during the production of large volumes of high quality concrete, combining these features with the minimal foundations and MCM smart design for the aggregates storage modules.









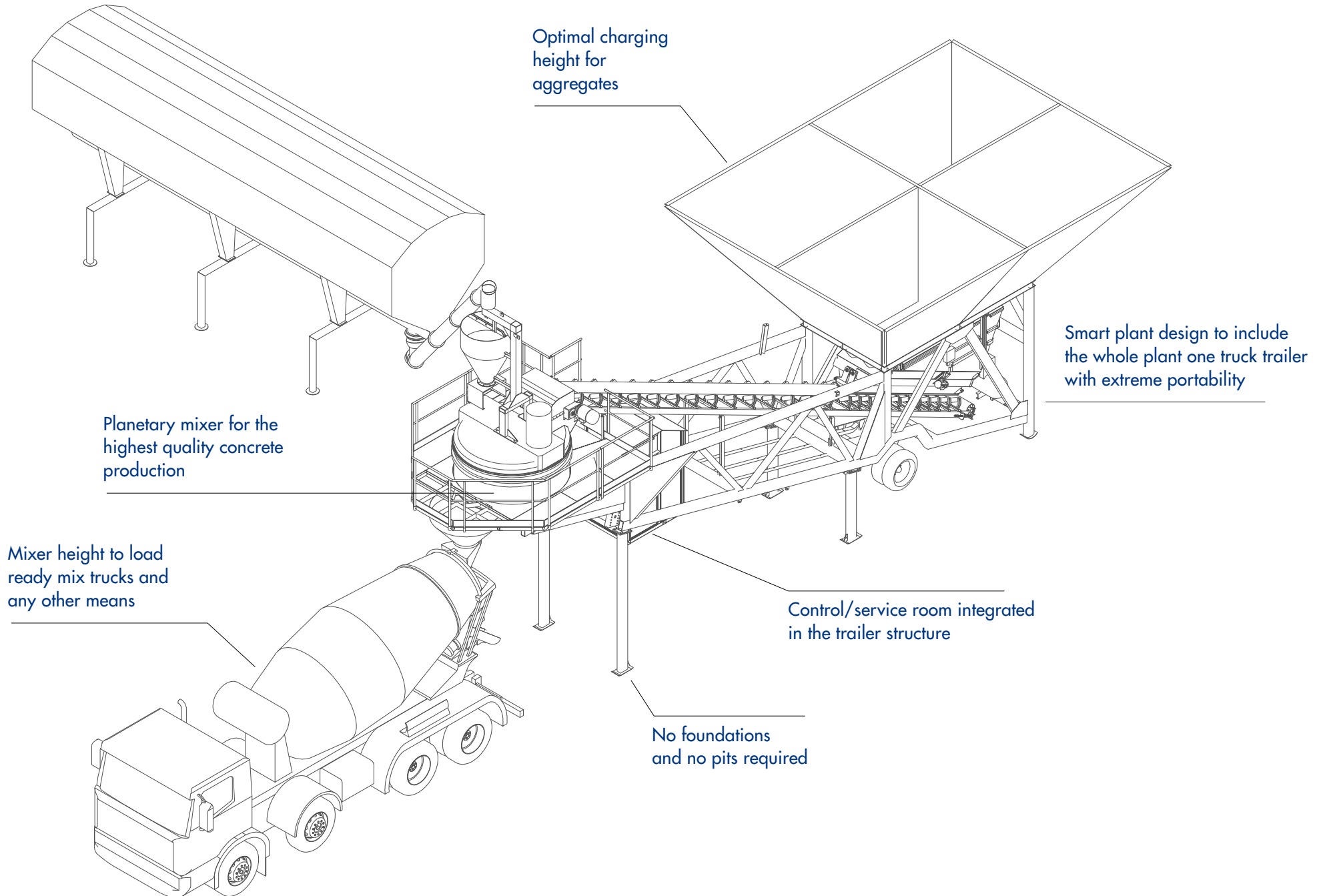
	MCM SIGMA 60	MCM SIGMA 80	MCM SIGMA 100
Type of Mixer	Twin Shaft 2250/1500	Twin Shaft 3000/2000	Twin Shaft 3750/2500
Hourly Concrete Production	60 m³/h	80 m³/h	100 m³/h
Number of Aggregates		4 x 20 m³	
Aggregate Storage		80 m³	
Automation System		CompuNet[®]	
Concrete Discharge Height		4,1 m	
Composition	2 x 40' MCM Containers + 1 x 40' OT Sea Container		
Compressor	3 kW	4 kW	4 kW
Total Installed Power	110 kW	180 kW	220 kW

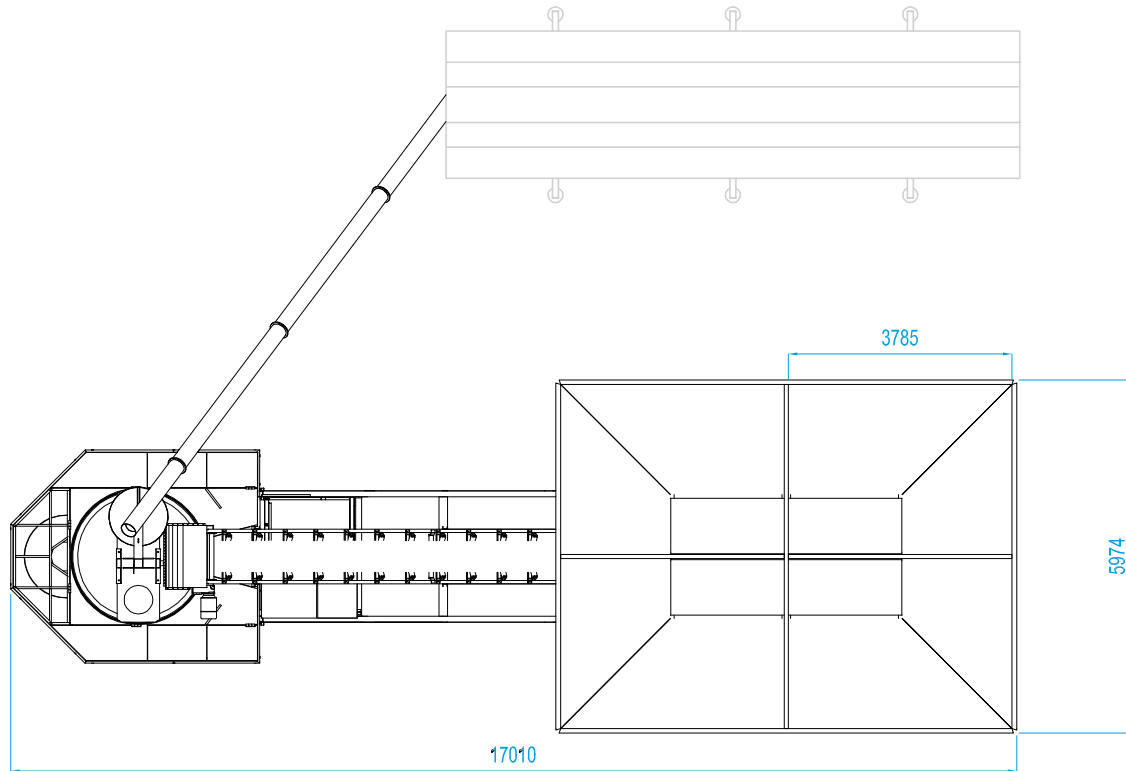
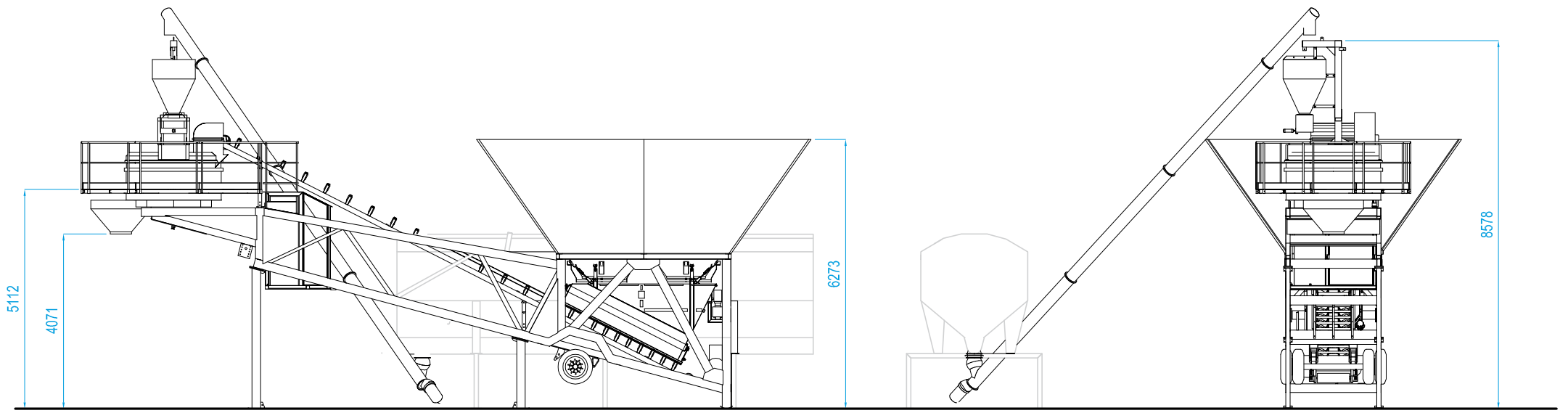
MCR SAIPH

The MCR Sapih range of mobile batching plants has been developed to meet the needs of fast moving construction sites. The whole unit is contained in an approved trailer with a coupling system to the tractor; the control unit is completely pre-wired and connected to make the assembly and start-up operations extremely easy and fast.



MCR SAIPH





MCR SAIPH 45**MCR SAIPH 60**

Type of Mixer	Planetary 1500/1000	Planetary 2240/1500
Hourly Concrete Production	45 m³/h	60 m³/h
Number of Aggregates	4 x 10 m³	
Aggregate Storage	40 m³	
Automation System	CompuNet[®]	
Concrete Discharge Height	4,1 m	
Composition	1 Trailer	
Weight	18,5 t	21,5 t
Compressor	3 kW	
Total Installed Power	95 kW	120 kW



55
1967-2022
MARCANTONINI
55 YEARS OF CONCRETE INNOVATION



Concrete Batch Plant Solutions for Precast, Blocks & Paver and Ready Mix Producers
Concrete Distribution Systems
Plant Automation Software and Control Systems



#BLUEHEART
Our commitment
to our heritage



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