

Mobile Mixing Plants Series

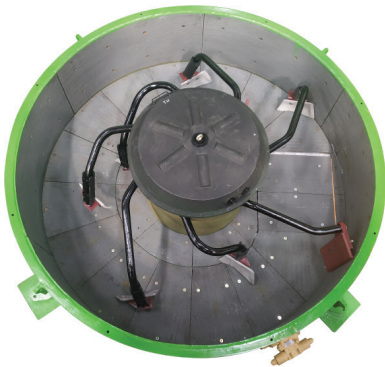
M21-Z / M25-Z / M30-Z / M45-Z



Mobile Plants from Stetter Quality Concrete on site

Wherever construction sites have to be supplied for any length of time with larger quantities of high-quality concrete, mobile mixing plants from Stetter are ideal. It does not matter whether they are used for the construction of traffic routes, dams, landfills or airports, the M series plants have been designed to handle the task. They can be quickly moved, transported on high-bed trailers and quickly set up again, thanks to the fully installed, pre-assembled compact units. The current development status of the Stetter mobile plant benefits from our vast experience Worldwide.

The M21-Z, M25-Z, M30-Z and M45-Z plants are equipped with pan mixer and achieves a productive capacity of 21.7, 24.8, 30 and 42.1 cu.m compacted concrete per hour respectively.



PAN MIXER

Pan mixers allow you to produce quality concrete of all consistencies within a short mixing time and with low energy input, as they mix intensively with short mixing paths both horizontally and vertically.

The spring mounted mixing arms are protected against wear by means of polyurethane sleeves. The mixing trough is lined with a replaceable inner wall, outer wall and floor wearing plates.

The cover of the mixer can be opened up to 50% during cleaning and maintenance work. The mixer can be emptied simply via the slide or trapdoor.

No matter which plant you opt for: These are the advantages you receive, thanks to the modular system of the Stetter mobile mixing plant.

- Fast assembly and disassembly.
- Easily accessible.
- Compact and easy to maintain.
- Economical, reliable, perfect.
- Optional mounting of an ice weigher in M30-Z and M45-Z
- Optional mounting of a powder weigher in M30-Z and M45-Z

Easy Assembly for Better Efficiency

The plant is delivered to the construction site on a high bed trailer. Only a mobile crane is required for the erection. The plant components with hinged joints are set up with a crane, positioned and mounted without requiring any welding. The pivoted upper part is then brought into the final position. The support of the upper part is firmly attached to the foundation with locking bolts.

Control System

M21-Z and M25-Z batching plant comes with MCI 55 control unit. M30-Z and M45-Z batching plant comes with MCI 70 version 3.1 control unit. M21-Z and M25-Z Control Cabin is optional. M30-Z and M45-Z comes with control cabin.



Additive Weigher

On request, we will equip our mixers with single chamber additive weigher in M21-Z, M25-Z and two-chamber additive weigher in M30-Z and M45-Z mixing plant.

Ice Weigher

The ice weigher is used for the weighing of flake ice. At the bottom the side walls are sloped outwards which ensures the complete discharge of the container. This option is available in M30-Z and M45-Z mixing plant.

Water Weigher

The dosing of the mixing water is achieved automatically by means of a weighing system. The water system is designed so that you can use fresh water, recycled water or hot water without difficulty.

TECHNICAL DATA

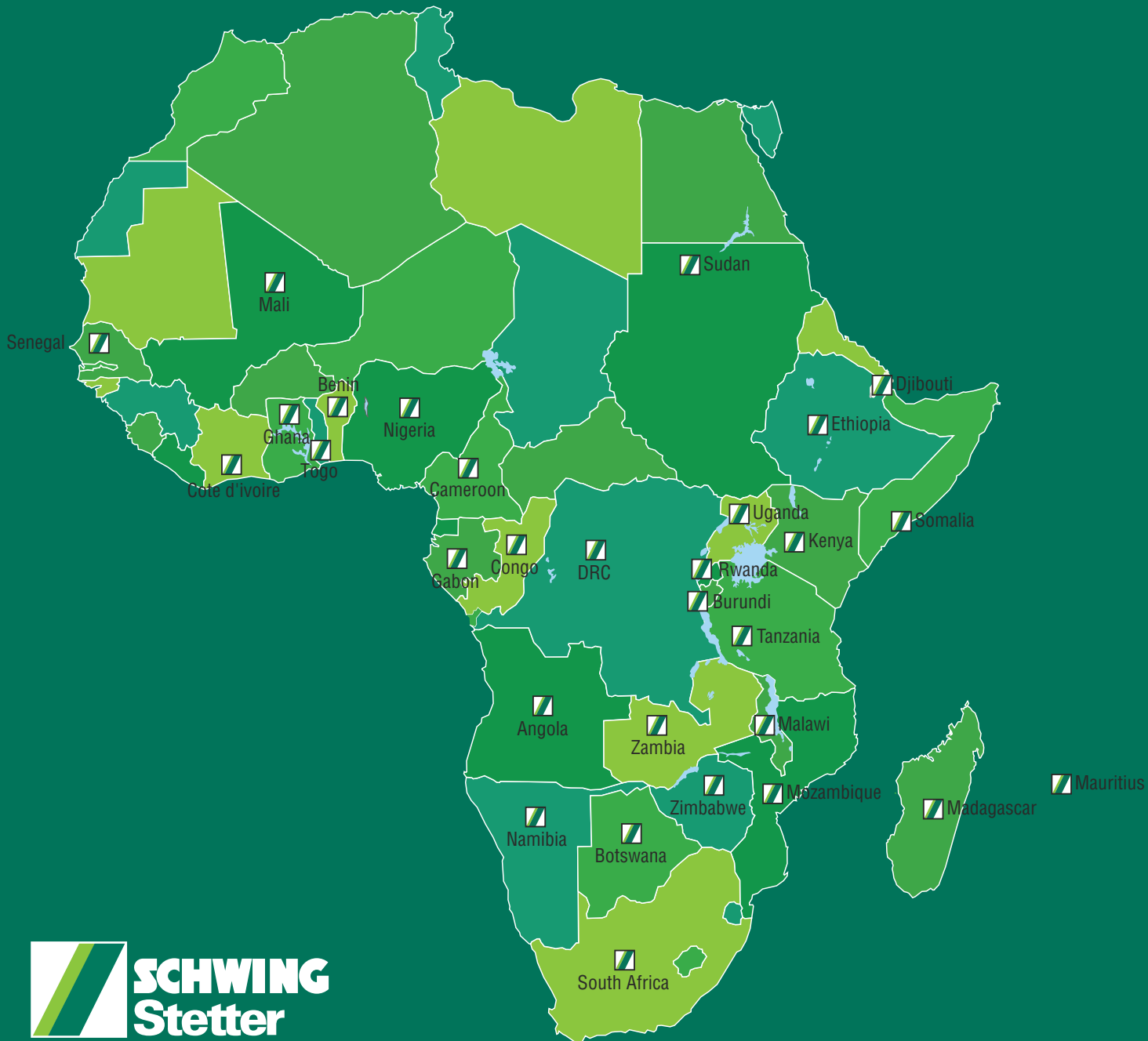
			M21-Z	M25-Z	M30-Z	M45-Z
Total unit	Output	(m³/h)	21.7	24.8	30	42.1
	Concrete discharge height	(m)	4.02	4.02	4.0	4.0
	Operating voltage	(V)	415	415	415	415
Transport Dimensions	Loading height	(m)	2.99	2.99	3.16	3.17
	Loading length total	(m)	11.9	11.9	12.17	12.99
	Loading length base	(m)	8.36	8.36	8.65	8.65
	Total aggregate bin width	(m)	2.32	2.32	2.43	2.52
Control Unit	Type		MCI 55	MCI 55	MCI 70 Version 3.1	MCI 70 Version 3.1
Mixer Unit	Skid		Optional	Optional	Optional	Optional
	Mixer type		Pan	Pan	Pan	Pan
	Mixer driving power	(KW)	15	18.5	22	30
	Compacted fresh concrete	(m³)	0.35	0.4	0.5	0.75
	Dry filling	(m³)	0.525	0.6	0.75	1.125
	Max. grain size	(mm)	40	40	40	40
Feeder Skip	Drive power	(KW)	11	11	11	15
	Medium speed	(m/s)	0.46	0.46	0.46	0.47
	Skipway	(m)	7.9	7.9	8.4	8.5
	Number of weighing cells	(pcs)	4	4	4	4
Compressor	Type of compressor		Reciprocating	Reciprocating	Reciprocating	Reciprocating
	System pressure	(bar)	9	9	9	9
	Volume of pressure vessle	(ltr)	100	100	100	100
Cement weighing system	Weighing capacity	(Kg)	200	240	300	450
	No.of weighing cells	(units)	2@	2@	3	2@
Water Weighing System	Weighing capacity	(Kg)	100	120	150	225
	No.of weighing cells	(units)	2@	2@	3	2@
Aggregate Compartment Batcher	Capacity	(m³)	6/20 [#]	6/20 [#]	18	20
	Number of chambers		4	4	4	4
	Batching gates		4	4	4	4
	Filling height	(m)	2.94/4.2	2.94/4.2	3.81	4.01
	Filling width per chamber	(m)	1.7/2.56	1.7/2.56	2.54	2.58

@ with combined water and cement weighing system only with two common load cells.

20 m³ with panel extension is optional with additional cost.

Also Scada software is an optional in all batching plant models.

SCHWING - STETTER ALWAYS CLOSE TO THE CUSTOMER.



An ISO 9001 : 2015 Company

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