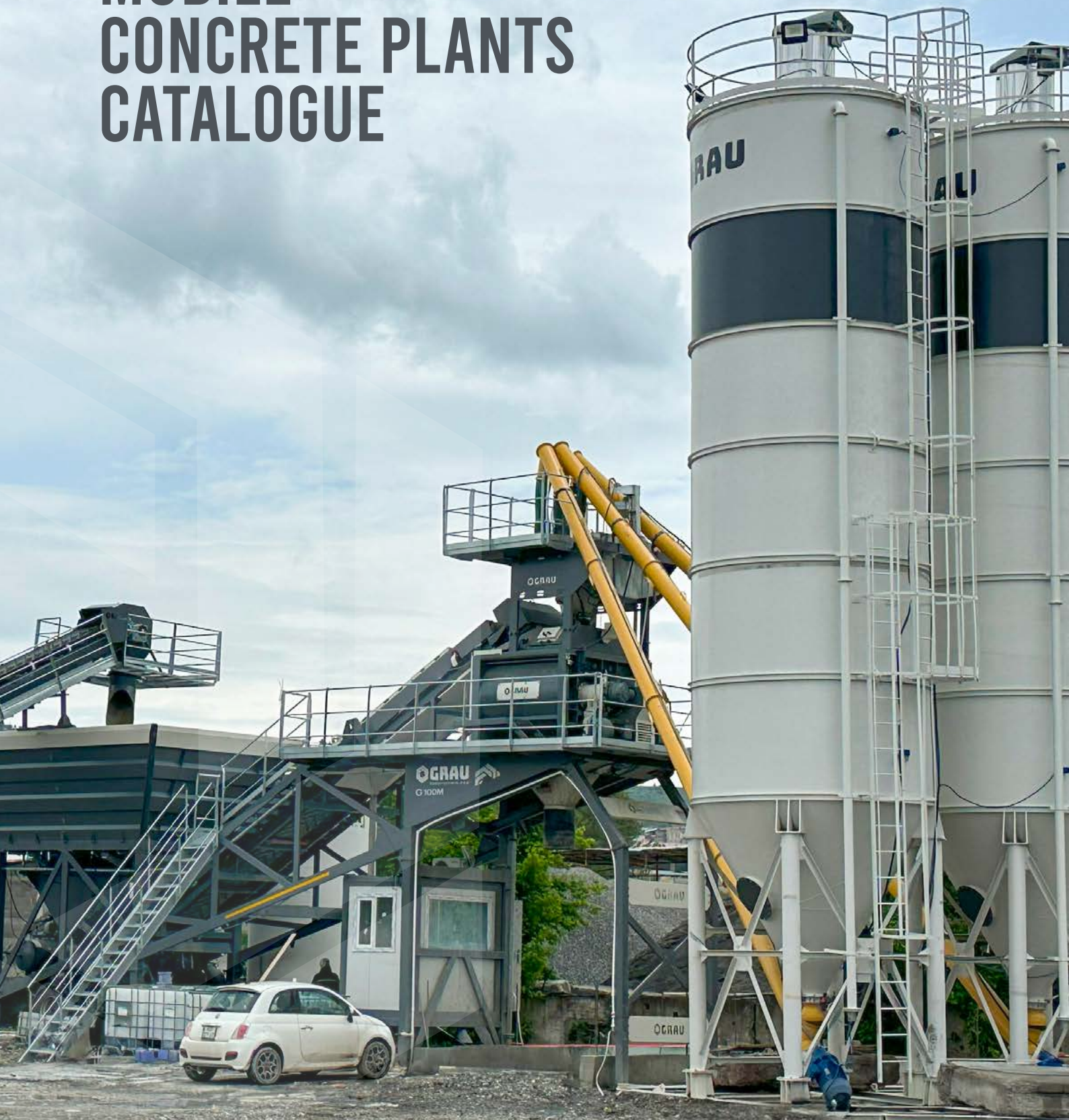


# MOBILE CONCRETE PLANTS CATALOGUE



With a Passion to do Better





# Who WE ARE

GRAU Technic Ltd manufactures and supplies a wide range of products for Concrete Production, Aggregate Processing and Recycling Sectors. The product range includes Concrete Batching Plants, Crushing & Screening Plants and Equipment, Concrete Mixers, Products for Precast Manufacturing, Automation Systems, Cement Silos, Sand Washing Systems and related Construction Equipment such as Concrete Pumps, Concrete Pipelines, Concrete Placing Booms, slurry pumps, gearboxes and Weighbridges.

Our dynamic and result-oriented team with over 25 years of combined industry experience will make sure our customers are getting the right solution for their needs, within their budget. Our customers trust us as we are a one-stop shop reliable manufacturer and supplier who gets the job done.



## Our Values

Prior to the establishment of GRAU, our partners and collaborative associates consistently lauded our unparalleled depth of industry knowledge, unwavering commitment to transparency, and a steadfast dedication to honesty across all aspects of our operations. These attributes have since evolved into the foundational pillars of our business values. Today, our customers find solace in engaging with us, secure in the knowledge that we approach our responsibilities seriously and with great integrity.

## Offering the Right Solutions

In navigating the complex landscape of customer needs, we have honed our approach to provide more than just products and services. Our emphasis lies in offering comprehensive solutions that not only address immediate queries or issues but also contribute to the overall optimization of our customers' businesses. With concise, timely, and thorough procedures, we aim to alleviate the burden of our customers in seeking answers, allowing them to redirect their focus toward their core business objectives and enhancing their profitability.

## Who we are

GRAU Technic Ltd has been established by a dynamic and result-oriented team of professionals with great experience in manufacturing of Concrete Batch Plants, Aggregate Processing and Recycling Equipment.

## What we do

We manufacture and supply a wide range of products for Concrete Production, Aggregate Processing and Recycling Sectors, and operate a wide supply network to ensure that quality products are available to our customers hassle-free.

1

Our values help us make the best decisions, stand out for all the right reasons and always strive to be better in all we do.

2

Trust, respect, openness and honesty are our primary values in all our business relationships with suppliers and customers.

3

We help our customers to be more successful in their business, constantly adapting to their needs.





## WHY GRAU TECHNIC?

- ◆ You will work with a trusted and highly experienced team in the industry.
- ◆ We work only with proven suppliers which provide high quality certified products.
- ◆ You can feel good about doing business with us - we take our responsibilities seriously.
- ◆ You get an active competitive advantage as our products are cost-effective and reliable.
- ◆ Our team is well-trained, and we regularly improve their skills.
- ◆ We constantly improve our products and services, analysing modern industry trends.
- ◆ Sustainability, transparency, and honesty are our core business values.
- ◆ All our colleagues share our passion to deliver excellence in everything we do.



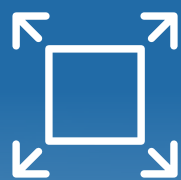
# MOBILE CONCRETE PLANTS

Setting up concrete production has never been so easy. Meet our line of reliable quick-erect Mobile Concrete Plants specifically designed for fast deployment and relocation between temporary construction sites.

GRAU Mobile Concrete Plants have been designed for quick deployment to construction sites. Our unique steel structure minimises the transport costs and reduces the installation time on sites. Modular elements and mobile cement silos allow for quick installation with minimum lifting equipment and civil works required. All the components have been factory plumbed and tested for immediate production on site.

Many companies prefer mobile concrete plant solutions for temporary construction sites as installing and relocating a concrete production facility after a project has been completed is not an easy job. Keeping that in mind, we have developed our quick-erect mobile concrete plant product line to make sure our customers get the necessary flexibility while saving a lot of time.

## WHY GRAU MOBILE CONCRETE PLANTS?



UP TO 120 m<sup>3</sup>/h



EASY TRANSPORT



FAST INSTALLATION



### MOVE YOUR PLANT IN DAYS

GRAU Mobile Concrete Plant will give you the flexibility you need. Our range of mobile concrete plants will allow you to disassemble, move the plant to a new site and set up concrete production in a matter of days! We offer a unique design with folding aggregate bin walls and service platforms, which speed up the installation. All other components can be transported on the main chassis without the need to additional trucks.



### ROBUST WHEELBASE

GRAU Mobile Concrete Plants can be transported many times during their lifetime. Our robust wheelbase can sustain multiple relocations on rough site terrain for many years ahead. The wheelbase is equipped with air brakes, that can be easily connected to the truck's braking system, and ABS (Antilock Brake System) that prevents the wheels from locking during braking and skidding.



### UNIQUE INDEPENDENT WEIGHING HOPPER

The aggregate bins on GRAU Mobile Concrete Plants are equipped with independent aggregate weigh hopper, while other manufacturers weigh on the transfer belt itself. This setup allows for the next batch to start while the material is still on the transfer belt. It results in higher production capacity.

TECHNICAL SPECIFICATION	G30M	G60M	G100M	G120M
Theoretical output / compacted mixed concrete	30 m <sup>3</sup> /h	60 m <sup>3</sup> /h	100 m <sup>3</sup> /h	120 m <sup>3</sup> /h
Mixer type	Planetary, Singleshaft	Single/Twin Shaft, Planetary	Twinshaft	Twinshaft
Mixer Capacity	0.5 m <sup>3</sup>	1.0 m <sup>3</sup>	2.0 m <sup>3</sup>	3.0 m <sup>3</sup>
Cement weighing bin	300 kg	600 kg	1000 kg	1500 kg
Water weighing bin	300 kg	300 kg	750 kg	750 kg
Additive weighing bin	20 kg	20 kg	20-50 kg	20-50 kg
Maximum number of aggregate bins	4	4	4-6	4-6
Maximum capacity of each aggregate bin storage	6 m <sup>3</sup>	10 m <sup>3</sup>	15 m <sup>3</sup>	30 m <sup>3</sup>
Total capacity of the aggregate bin storage	16m <sup>3</sup>	40m <sup>3</sup>	60m <sup>3</sup>	120 m <sup>3</sup>
Total electrical power	47 kW	65 kW	105-110 kW	195-200 kW



TECHNICAL SPECIFICATION

MOBILE CONCRETE PLANTS

G100M

Type of Plant:	Mobile concrete plant
Capacity of Plant:	90-100 m³/h compacted concrete (Mixing time: 20 seconds)
Capacity of Mixer:	2 m³ compacted concrete per batch
Total Motor Power:	105-110 kW, standard value, may change depending on the equipment.
Voltage/Frequency:	380V / 50Hz - standard value, can change according to regional standards.

G60M

Type of Plant:	Mobile concrete plant
Capacity of Plant:	50-60 m3/h compacted concrete(Mixing time: 20 seconds)
Capacity of Mixer:	1 m³ compacted concrete per batch
Total Motor Power:	85 kW, standard value, may change depending on the equipment.
Voltage/Frequency:	380V / 50Hz - standard value, can change according to regional standards.



MOBILE CHASSIS

Main frame and steel structure, which is manufactured using high quality steel and workmanship, confirms ISO9001, CE norms and international standards and provides discharge height from 4100mm to 4250mm.

With an average width of 5000mm, main frame provides easy manoeuvring and filling of truck mixers. Main frame is installed with platform, handrails and stairs. This chassis consists of transfer belt, mixer, weighing hoppers of cement, water, additive and control cabinet.

CEMENT WEIGHING HOPPER

G100M

Weighing capacity:	1000 kg	600 kg
Loadcell:	3 x 1000 kg, ZEMIC	3 x 1000 kg, ZEMIC
Discharge Valve:	WAM	WAM
Pneumatic Valve:	Semakmatic	Semakmatic
Drivers:	WAM ACP13 pneumatic actuator	WAM ACP13 pneumatic actuator
Vibrator:	KEMP or AVIBRO(1 pcs)	KEMP or AVIBRO(1 pcs)

G60M

WATER WEIGHING HOPPER (GALVANIZED)

G100M

Weighing capacity:	750 kg	300 kg
Pneumatic Valve:	Semakmatic	Semakmatic
Discharge Valve:	WAM	WAM
Driver:	WAM ACP13, pneumatic actuator	WAM ACP13, pneumatic actuator
Loadcell:	3 x 1000 kg, ZEMIC	3 x 1000 kg, ZEMIC

G60M





ADDITIVES WEIGHING HOPPER (GALVANIZED)

	G100M	G60M
Weighing capacity:	50 kg	30 kg
Loadcell:	1 x 100 kg, ZEMIC	1 x 100 kg, ZEMIC
Valve:	1 ½"	1 ½"
Additive Pump:	1 pcs	1 pcs

COMPRESSED AIR INSTALLATION

	G100M	G60M
Capacity:	1013 l/m flow rate, 500 litres	607 l/m flow rate, 500 litres
Operating Pressure:	6-8 bar	6-8 bar
Motor Power:	7.5 kW	7.5 kW



AGGREGATE BINS

	G100M	G60M
Capacity:	50 m³ (4 x 12.5 m³)	50 m³ (4 x 12.5 m³)
Aggregate Bins:	4 x 12.5 m³, 1 discharge doors	4 x 12.5 m³, 1 discharge doors
Vibrator:	KEM-P or AVIBRO(2 pcs)	KEM-P or AVIBRO(2 pcs)
Pneumatic Piston:	Pemaks/Waircom (4 pcs)	Pemaks/Waircom (4 pcs)
Pneumatic Valve:	Semakmatic	Semakmatic
FRY Conditioner:	Semakmatic	Semakmatic

AGGREGATE WEIGHING HOPPER (INDEPENDENT)

	G100M	G60M
Capacity:	2 m³	1 m³
Loadcells:	4 x 5000kg, ZEMIC	4 x 2500kg, ZEMIC
Vibrator:	KEM-P or AVIBRO(1 pcs)	KEM-P or AVIBRO(1 pcs)
Pneumatic Piston:	Pemaks/Waircom (2 Pieces)	Pemaks/Waircom (2 Pieces)

The aggregate bins on GRAU Mobile Concrete Plants are equipped with independent aggregate weigh hopper, while other manufacturers weigh on the transfer belt itself. This setup allows for the next batch to start while the material is still on the transfer belt. It results in higher production capacity.





TRANSFER BELT CONVEYOR

G100M

Belt:	4-ply
Belt Dimensions:	1,000 mm x 14,000 mm
Motor-Drive:	22 kW coupled motor-gearbox
Bearings:	SNH series with lubrication grease nipple
Drums:	Drive side 10 mm, rubber coated
Scraper:	V-type, with counter weights

G60M

Belt:	4-ply
Belt Dimensions:	800 mm x 14,000 mm
Motor-Drive:	18.5 kW coupled motor-gearbox
Bearings:	SNH series with lubrication grease nipple
Drums:	Drive side 10 mm, rubber coated
Scraper:	V-type, with counter weights

CONTROL CABINET

G100M

Command cabin:	1 unit
Air-Conditioner:	1 set
Outer surface:	Colored galvanized steel plates
Inner surface:	12 mm wooden plate
Isolation:	Side walls hard polystyrene, roof-rock wool
Windows:	PVC

G60M

Command cabin:	1 unit
Air-Conditioner:	1 set
Outer surface:	Colored galvanized steel plates
Inner surface:	12 mm wooden plate
Isolation:	Side walls hard polystyrene, roof-rock wool
Windows:	PVC







CONCRETE MIXER

G100M

G60M

Mixer Capacity:	3000 l / 3 m³	1500 l / 3 m³
Compacted:	2000 l / 2 m³	1000 l / 2 m³
Motor/Gearbox:	2x37 kW, Motor: GAMAK or VOLT, Gear-box: ERMAKSAN or DiSSAN	2x18.5 kW, Motor: GAMAK or VOLT, Gear-box: ERMAKSAN or DiSSAN
Mixer Discharge:	Hydraulic 1.5 kW	Hydraulic 1.5 kW
Motor Drive System:	Belt pulley	Belt pulley
Mixer Arms:	12 Pieces	8 Pieces
Scraper:	4 pieces	4 pieces
Mixer Arm Material:	SFERO casting	SFERO casting
Interior Lining:	Body(Hardox HB450 casting-15 mm), Side(ST52 Steel-15 mm)	Body(Hardox HB450 casting-15 mm), Side(ST52 Steel-15 mm)
Maintenance door:	1 pcs	1 pcs
Door switch:	1 pcs	1 pcs
Door position switch:	2 pcs	2 pcs
Automatic Lubrication:	ILC- Origin: Italy	ILC- Origin: Italy

The discharge flap and hull sealing rings are integrated into the body. The “pressure valve” ensures the cover is fully closed. If any issue arises with the cap's sealing, the valve detects it immediately.

The main shaft sealing ring, made of durable polyurethane, is attached to the shaft. This hard material extends the bed's lifespan and reduces oil consumption.

In addition to the sealing gasket, a two-stage dual sealing system fully protects the bearing.

An automatic central lubrication pump with sensor control is included, featuring four outputs. The main sealing ring on the side is constructed from a highly durable, wear-resistant material. To balance the pressure from inside the mixer, a lubricant is required.

Due to the minimal lubrication required at the bed, daily oil consumption is approximately one liter. The maintenance cover of the mixer is split into two sections, allowing for full access during maintenance. It is designed with a height of 500 mm to facilitate easy entry. A safety limit switch is installed on the maintenance cover for added security.

Water entering through the top cover is drained via two separate pipes with multi-point discharge systems. The mixer comes with all original electrical and pneumatic connections, as well as the control box. All mixer arms on the mixer shaft are manufactured with standard bolted unions for easy assembly and maintenance.





## OUR VALUES

- ◆ Our values help us make the best decisions, stand out for all the right reasons, and always strive to be better in all we do.
- ◆ Trust, respect, openness, and honesty are our primary values in all our business relationships with suppliers and customers.
- ◆ We help our customers to be more successful in their business, constantly adapting to their needs.
- ◆ We deploy our best people to speed up any job and make it more efficient.
- ◆ Our strategies position the company for future growth, based on the current and forecast trends of the industries in which we operate.





## IMMEDIATE DELIVERY FROM STOCK FOR SOME MOBILE MODELS

We work hand in glove to make sure quality equipment is available with immediate delivery to site. Living in a fast-paced world requires making quick decision. To make sure we support our customers quickly, we keep frequently sold standard mobile concrete plants in stock.







## OUR MISSION

We focus on creating value for our customers by building long-term business partnerships and providing clients with a high-quality service and consistent product quality. We give our clients a competitive advantage in their specific market and business area with our innovative products and innovative solutions.









# With a Passion to do Better

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