



# **mcmix**

Concrete Batching Plants



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In 2004, we established our first company, 'MAC,' located in the Ostim Industrial Area of Ankara. Our company initially focused on manufacturing automation systems for concrete batching plants. Over the years, we have successfully provided automation systems to numerous prominent concrete batching plant manufacturers in Turkey. As our company continued to innovate and conduct research, we expanded our operations to include exporting and selling the systems and machines we produce in foreign markets. By responding to market demands and consistently producing new products, we have grown our customer network while maintaining a steadfast commitment to trust and quality-oriented growth within the industry.

In 2016, due to our company's significant growth and increasing demand, we relocated to our new 4000 m<sup>2</sup> factory in Saray/Ankara and established our new company, 'MUSTAM.' This move allowed us to manufacture and export a wide

range of concrete plants from our larger facility. Four years later, in early 2020, we founded our third company, 'MCMIX,' to further accommodate our expanding export capacity and streamline export procedures.

At present, we produce and export an average of 30-40 concrete batching plants annually. To date, we have successfully exported a total of 240-260 concrete plants worldwide. In line with our goals, we recently acquired an even larger factory spanning 8000 m<sup>2</sup> in Ankara, where we relocated to at the end of 2023. This expansion aims to enhance our production capabilities and increase our export capacity.

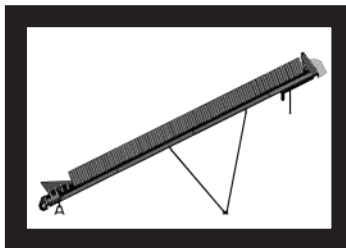
Currently, we have established partnerships with distributors in Poland, Romania, Ukraine, Russia, Kazakhstan, Turkmenistan, Libya, Egypt, and Nigeria. Our vision is to continue expanding our network of partners, distributors, and clients across the globe.

# STATIONARY CONCRETE PLANTS



## OPTIONS

Transfer Conveyor



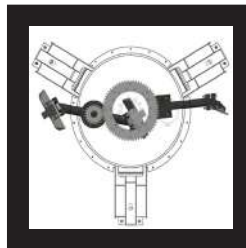
Single Shaft Mixer



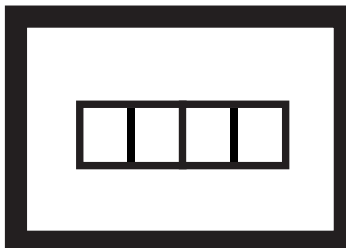
Twin Shaft Mixer



Planetary Mixer



In-line



MCMIX S30

MCMIX S60

MCMIX S100

MCMIX S130

MCMIX S160

MCMIX S180

# MCMIX S30



# MCMIX S60



## 30 m<sup>3</sup>/h

### TECHNICAL SPECIFICATIONS

Theoretical Capacity	30m <sup>3</sup> /h
Aggregate Bunker Type	In-line
Aggregate Bunker Capacity	4 x 10 m <sup>3</sup>
Aggregate Loading Type	Transfer Conveyor
Mixer Type	Single Shaft / Planetary
Mixer Volume	750 lt
Mixer Output Capacity	500 lt
Mixer Motor Power	18.5 kw
Cement Weighing System	300 kg
Water Weighing System	150 kg
Additive Weighing System	30 lt
Automation / Software	MCMIX
Electrical Equipment (Hardware)	Schneider/Siemens
Installed Electrical Power*	75-80 kw
Absorbed Electrical Power*	50-55 kw

\* basic version: mixer type is planetary, n.2 cement silos

## 60 m<sup>3</sup>/h



### TECHNICAL SPECIFICATIONS

Theoretical Capacity	60 m <sup>3</sup> /h
Aggregate Bunker Type	In-line
Aggregate Bunker Capacity	4 x 15 m <sup>3</sup>
Aggregate Loading Type	Transfer Conveyor
Mixer Type	Single Shaft / Twin Shaft / Planetary
Mixer Volume	1500 lt
Mixer Output Capacity	1000 lt
Mixer Motor Power	37 kw/ 2 x 18.5 kw/ 45 kw
Cement Weighing System	600 kg
Water Weighing System	300 kg
Additive Weighing System	30 lt.
Automation / Software	MCMIX
Electrical Equipment (Hardware)	Schneider/Siemens
Installed Electrical Power*	100-105 kw
Absorbed Electrical Power*	75-80 kw

\* basic version: mixer type is single shaft, n.2 cement silos

# MCMIX S100



# MCMIX S130



# 100 m<sup>3</sup>/h

## TECHNICAL SPECIFICATIONS

Theoretical Capacity	100 m <sup>3</sup> /h
Aggregate Bunker Type	In-line
Aggregate Bunker Capacity	4 x 25 m <sup>3</sup>
Aggregate Loading Type	Transfer Conveyor
Mixer Type	Twin Shaft /Planetary
Mixer Volume	3000 lt.
Mixer Output Capacity	2000 lt.
Mixer Motor Power	2 x 37 kw / 90 kw
Cement Weighing System	1100 kg
Water Weighing System	500 kg
Additive Weighing System	50 lt.
Automation / Software	MCMIX
Electrical Equipment (Hardware)	Schneider/Siemens
Installed Electrical Power*	160-165 kw
Absorbed Electrical Power*	120-125 kw

\* basic version: mixer type is twin shaft , n.2 cement silos

# 130 m<sup>3</sup>/h

## TECHNICAL SPECIFICATIONS

Theoretical Capacity	120-130 m <sup>3</sup> /h
Aggregate Bunker Type	In-line
Aggregate Bunker Capacity	4 x 30 m <sup>3</sup>
Aggregate Loading Type	Transfer Conveyor
Mixer Type	Twin Shaft
Mixer Volume	4500 lt.
Mixer Output Capacity	3000 lt.
Mixer Motor Power	2 x 55 kw
Cement Weighing System	1700 kg
Water Weighing System	1000 kg
Additive Weighing System	50 lt.
Automation / Software	MCMIX
Electrical Equipment (Hardware)	Schneider/Siemens
Installed Electrical Power*	195-200 kw
Absorbed Electrical Power*	145-150 kw

\* basic version: n.2 cement silos



# MCMIX S160



# MCMIX S180



## 150-160 m<sup>3</sup>/h

### TECHNICAL SPECIFICATIONS

Theoretical Capacity	150-160 m <sup>3</sup> /h
Aggregate Bunker Type	In-line
Aggregate Bunker Capacity	2 x (2 x 40 m <sup>3</sup> )
Aggregate Loading Type	Transfer Conveyor
Mixer Type	Twin Shaft
Mixer Volume	6000 lt.
Mixer Output Capacity	4000 lt.
Mixer Motor Power	2 x 75 kw
Cement Weighing System	2200 kg
Water Weighing System	1150 kg
Additive Weighing System	2 x 50 lt.
Automation / Software	MCMIX
Electrical Equipment (Hardware)	Schneider/Siemens
Installed Electrical Power*	260-265 kw
Absorbed Electrical Power*	195-200 kw

\* basic version: n.2 cement silos

## 175-180 m<sup>3</sup>/h

### TECHNICAL SPECIFICATIONS

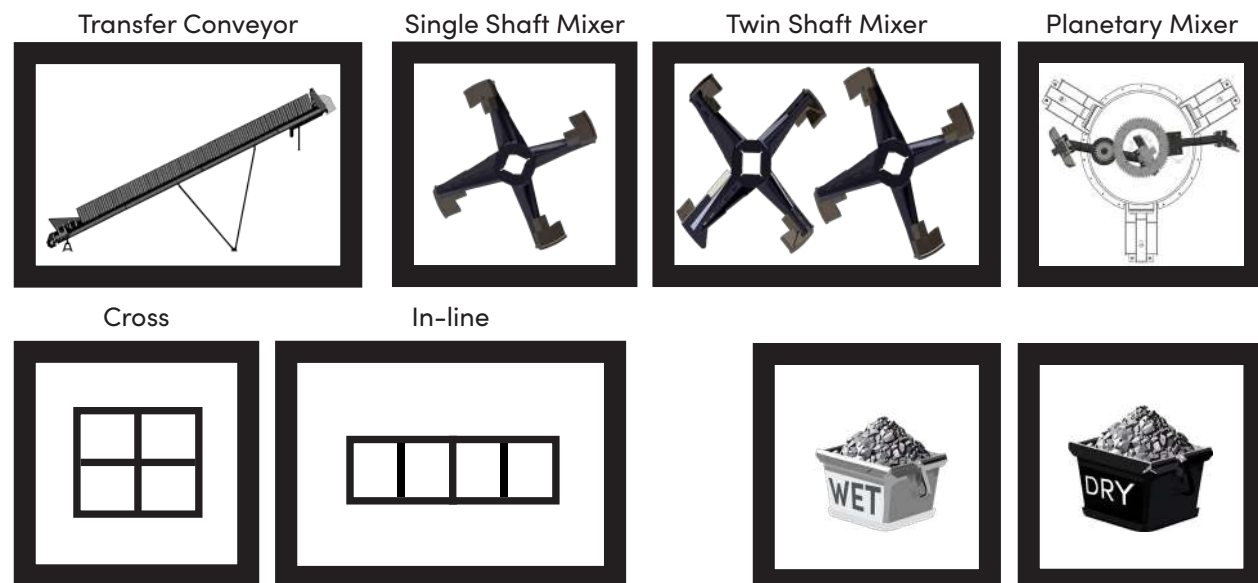
Theoretical Capacity	175-180 m <sup>3</sup> /h
Aggregate Bunker Type	In-line
Aggregate Bunker Capacity	2 x (2 x 40 m <sup>3</sup> )
Aggregate Loading Type	Transfer Conveyor
Mixer Type	Twin Shaft
Mixer Volume	7500 lt.
Mixer Output Capacity	5000 lt.
Mixer Motor Power	2 x 90 kw
Cement Weighing System	2700 kg
Water Weighing System	1300 kg
Additive Weighing System	2 x 50 lt.
Automation / Software	MCMIX
Electrical Equipment (Hardware)	Schneider/Siemens
Installed Electrical Power*	300-305 kw
Absorbed Electrical Power*	225-230 kw

\* basic version: n.2 cement silos

# MOBILE CONCRETE PLANTS



## OPTIONS



## SINGLE CHASSIS

## DOUBLE CHASSIS

MCMIX M30

MCMIX M100DC

MCMIX M60

MCMIX M120

MCMIX M100

MCMIX M150

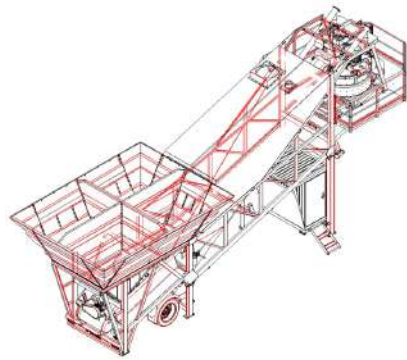
# MCMIX M30



## 30 m<sup>3</sup>/h

### TECHNICAL SPECIFICATIONS

Mobile Chassis	Single
Theoretical Capacity	25-30m <sup>3</sup> /h
Aggregate Bunker Type	Cross
Aggregate Bunker Capacity	4 x 10 m <sup>3</sup>
Aggregate Loading Type	Transfer Conveyor
Mixer Type	Single /Planetary
Mixer Volume	750 lt
Mixer Output Capacity	500 lt
Mixer Motor Power	18.5 kw
Cement Weighing System	300 kg
Water Weighing System	150 kg
Additive Weighing System	30 lt
Automation / Software	MCMIX
Electrical Equipment (Hardware)	Schneider/Siemens
Built-in Cement Silo ( Optional)	24 tons
Installed Electrical Power*	55-60 kw
Absorbed Electrical Power*	30-35 kw



\* basic version: mixer type is planetary , n.2 cement silos

# MCMIX M60



## 50-60 m<sup>3</sup>/h

### TECHNICAL SPECIFICATIONS

Mobile Chassis	Single
Theoretical Capacity	50-60m <sup>3</sup> /h
Aggregate Bunker Type	Cross
Aggregate Bunker Capacity	4 x 12.5 m <sup>3</sup>
Aggregate Loading Type	Transfer Conveyor
Mixer Type	Single Shaft/Twin Shaft/ Planetary
Mixer Volume	1500 lt.
Mixer Output Capacity	1000 lt.
Mixer Motor Power	37 kw/ 2x18.5 kw / 45 kw
Cement Weighing System	300 kg
Water Weighing System	150 kg
Additive Weighing System	30 lt.
Automation / Software	MCMIX
Electrical Equipment (Hardware)	Schneider/Siemens
Built-in Cement Silo ( Optional)	24 tons
Installed Electrical Power*	80-85 kw
Absorbed Electrical Power*	60-65 kw



\* basic version: mixer type is single shaft , n.2 cement silos

# MCMIX M100



# MCMIX M100DC



## 90-100 m<sup>3</sup>/h

### TECHNICAL SPECIFICATIONS

Mobile Chassis	Single
Theoretical Capacity	90-100 m <sup>3</sup> /h
Aggregate Bunker Type	Cross
Aggregate Bunker Capacity	4 x 12.5 m <sup>3</sup>
Aggregate Loading Type	Transfer Conveyor
Mixer Type	Twin Shaft /Planetary
Mixer Volume	3000 lt.
Mixer Output Capacity	2000 lt.
Mixer Motor Power	2 x 37kw / 90 kw
Cement Weighing System	1100 kg
Water Weighing System	500 kg
Additive Weighing System	50 lt.
Automation / Software	MCMIX
Electrical Equipment (Hardware)	Schneider/Siemens
Built-in Cement Silo ( Optional)	24 tons
Installed Electrical Power*	135-140 kw
Absorbed Electrical Power*	90-95 kw



\* basic version: mixer type is twin shaft , n.2 cement silos



## 90-100 m<sup>3</sup>/h

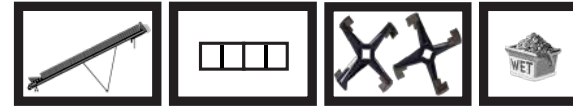
### TECHNICAL SPECIFICATIONS

Mobile Chassis	Double
Theoretical Capacity	90-100 m <sup>3</sup> /h
Aggregate Bunker Type	In-line
Aggregate Bunker Capacity	4 x 25 m <sup>3</sup>
Aggregate Loading Type	Transfer Conveyor
Mixer Type	Twin Shaft /Planetary
Mixer Volume	3000 lt.
Mixer Output Capacity	2000 lt.
Mixer Motor Power	2 x 37kw / 90 kw
Cement Weighing System	1100 kg
Water Weighing System	500 kg
Additive Weighing System	50 lt.
Automation / Software	MCMIX
Electrical Equipment (Hardware)	Schneider/Siemens
Installed Electrical Power*	150-155 kw
Absorbed Electrical Power*	100-105 kw

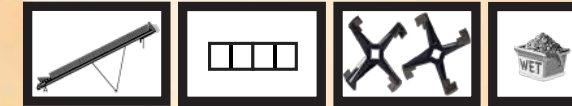


\* basic version: mixer type is twin shaft , n.2 cement silos

# MCMIX M120



# MCMIX M150



## 110-120 m<sup>3</sup>/h

### TECHNICAL SPECIFICATIONS

Mobile Chassis	Double
Theoretical Capacity	110-120 m <sup>3</sup> /h
Aggregate Bunker Type	In-line
Aggregate Bunker Capacity	4 x 30 m <sup>3</sup>
Aggregate Loading Type	Transfer Conveyor
Mixer Type	Twin Shaft
Mixer Volume	4500 lt.
Mixer Output Capacity	3000 lt.
Mixer Motor Power	2 x 55 kw
Cement Weighing System	1700 kg
Water Weighing System	1000 kg
Additive Weighing System	50 lt.
Automation / Software	MCMIX
Electrical Equipment (Hardware)	Schneider/Siemens
Installed Electrical Power*	185-190 kw
Absorbed Electrical Power*	130-135 kw

\* basic version: mixer type is twin shaft , n.2 cement silos



## 140-150 m<sup>3</sup>/h

### TECHNICAL SPECIFICATIONS

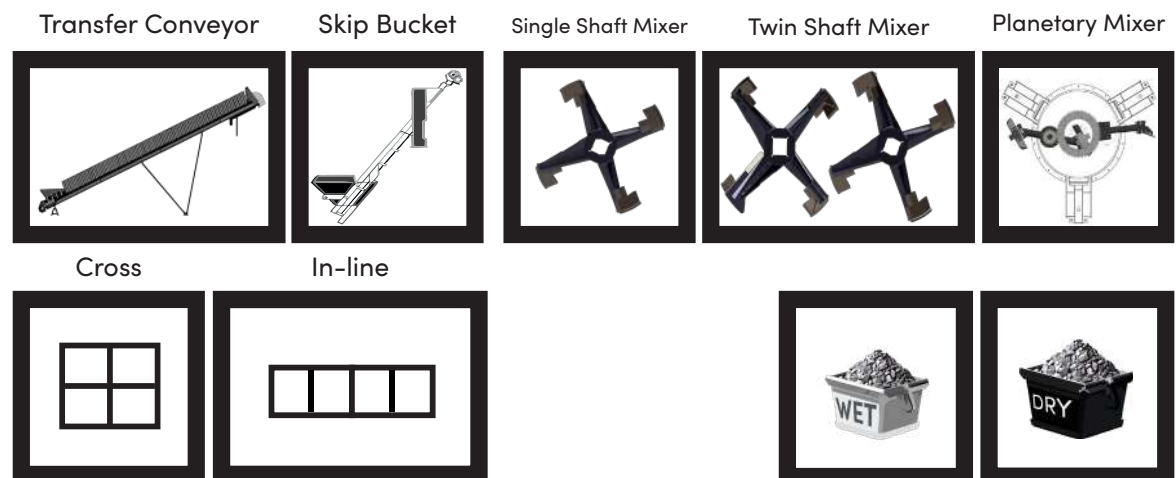
Mobile Chassis	Double
Theoretical Capacity	140-150 m <sup>3</sup> /h
Aggregate Bunker Type	In-line
Aggregate Bunker Capacity	4 x 30 m <sup>3</sup>
Aggregate Loading Type	Transfer Conveyor
Mixer Type	Twin Shaft
Mixer Volume	6000 lt.
Mixer Output Capacity	4000 lt.
Mixer Motor Power	2 x 75 kw
Cement Weighing System	2200 kg
Water Weighing System	1150 kg
Additive Weighing System	2 x 50 lt.
Automation / Software	MCMIX
Electrical Equipment (Hardware)	Schneider/Siemens
Installed Electrical Power*	245-250 kw
Absorbed Electrical Power*	185-190 kw

\* basic version: for n.2 cement silos

# COMPACT CONCRETE PLANTS



## OPTIONS



MCMIX C30

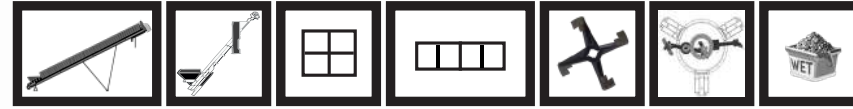
MCMIX C60

MCMIX C100

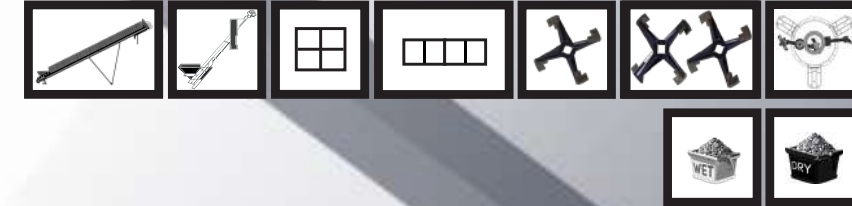
MCMIX C120

MCMIX C150

# MCMIX C30



# MCMIX C60



## 25-30 m<sup>3</sup>/h

### TECHNICAL SPECIFICATIONS

Theoretical Capacity	25-30 m <sup>3</sup> /h
Aggregate Bunker Type	Cross / In-line
Aggregate Bunker Capacity	4 x 10 m <sup>3</sup>
Aggregate Loading Type	Transfer Conveyor/ Skip Bucket
Mixer Type	Single Shaft/ Planetary
Mixer Volume	750 lt.
Mixer Output Capacity	500 lt.
Mixer Motor Power	18.5 kw
Cement Weighing System	300 kg
Water Weighing System	150 kg
Additive Weighing System	30 lt.
Automation / Software	MCMIX
Electrical Equipment (Hardware)	Schneider/Siemens
Installed Electrical Power*	65-70 kw
Absorbed Electrical Power*	50-55 kw

\* basic version: aggregate bunker type is cross, aggregate loading type is transfer conveyor, mixer type is planetary , n.2 cement silos

## 50-60 m<sup>3</sup>/h

### TECHNICAL SPECIFICATIONS

Theoretical Capacity	50-60 m <sup>3</sup> /h
Aggregate Bunker Type	Cross/ In-line
Aggregate Bunker Capacity	4 x 15 m <sup>3</sup>
Aggregate Loading Type	Transfer Conveyor/ Skip Bucket
Mixer Type	Single Shaft/ Twin Shaft/ Planetary
Mixer Volume	1500 lt.
Mixer Output Capacity	1000 lt.
Mixer Motor Power	37 kw/ 2 x 18.5 kw/ 45 kw
Cement Weighing System	600 kg
Water Weighing System	300 kg
Additive Weighing System	30 lt.
Automation / Software	MCMIX
Electrical Equipment (Hardware)	Schneider/Siemens
Installed Electrical Power*	100-105 kw
Absorbed Electrical Power*	65-70 kw

\* basic version: aggregate bunker type is in-line, aggregate loading type is transfer conveyor, mixer type is single shaft, n.2 cement silos



# MCMIX C100



# MCMIX C120



## 100 m<sup>3</sup>/h

### TECHNICAL SPECIFICATIONS

Theoretical Capacity	100 m <sup>3</sup> /h
Aggregate Bunker Type	In-line
Aggregate Bunker Capacity	4 x 25 m <sup>3</sup>
Aggregate Loading Type	Transfer Conveyor/Skip Bucket
Mixer Type	Twin Shaft /Planetary
Mixer Volume	3000 lt.
Mixer Output Capacity	2000 lt.
Mixer Motor Power	2 x 37 kw/ 90 kw
Cement Weighing System	1100 kg
Water Weighing System	500 kg
Additive Weighing System	50 lt.
Automation / Software	MCMIX
Electrical Equipment (Hardware)	Schneider/Siemens
Installed Electrical Power*	150-155 kw
Absorbed Electrical Power*	100-105 kw

\* basic version: aggregate bunker type is in-line, aggregate loading type is transfer conveyor, mixer type is twin shaft, n.2 cement silos

## 110-120 m<sup>3</sup>/h

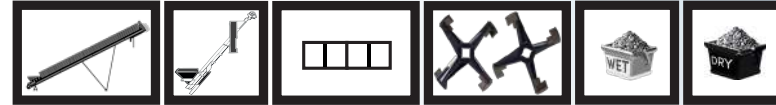
### TECHNICAL SPECIFICATIONS

Theoretical Capacity	110-120 m <sup>3</sup> /h
Aggregate Bunker Type	In-line
Aggregate Bunker Capacity	4 x 30 m <sup>3</sup>
Aggregate Loading Type	Transfer Conveyor/ Skip Bucket
Mixer Type	Twin Shaft
Mixer Volume	4500 lt.
Mixer Output Capacity	3000 lt.
Mixer Motor Power	2 x 55 kw
Cement Weighing System	1700 kg
Water Weighing System	1000 kg
Additive Weighing System	50 lt.
Automation / Software	MCMIX
Electrical Equipment (Hardware)	Schneider/Siemens
Installed Electrical Power*	185-190 kw
Absorbed Electrical Power*	140-145 kw

\* basic version: aggregate bunker type is in-line, aggregate loading type is transfer conveyor, mixer type is twin shaft, n.2 cement silos



# MCMIX C150



## 150-160 m<sup>3</sup>/h

### TECHNICAL SPECIFICATIONS

Theoretical Capacity	150-160 m <sup>3</sup> /h
Aggregate Bunker Type	In-line
Aggregate Bunker Capacity	2 x (2 x 40 m <sup>3</sup> )
Aggregate Loading Type	Transfer Conveyor/ Skip Bucket
Mixer Type	Twin Shaft
Mixer Volume	6000 lt.
Mixer Output Capacity	4000 lt.
Mixer Motor Power	2 x 75 kw
Cement Weighing System	2200 kg
Water Weighing System	1150 kg
Additive Weighing System	2 x 50 lt.
Automation / Software	MCMIX
Electrical Equipment (Hardware)	Schneider/Siemens
Installed Electrical Power*	255-260 kw
Absorbed Electrical Power*	175-180 kw

\* basic version: aggregate bunker type is in-line, aggregate loading type is transfer conveyor, mixer type is single shaft, n.2 cement silos

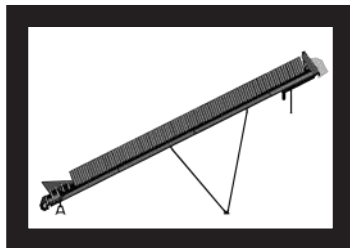


# MINI CONCRETE PLANTS

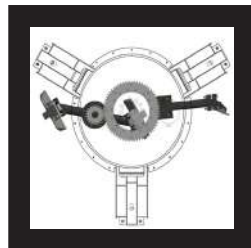


## OPTIONS

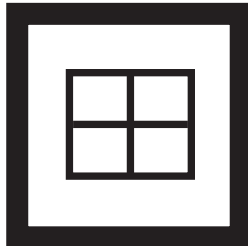
Transfer Conveyor



Planetary Mixer



Cross



MCMIX MN20

MCMIX MN30

MCMIX MN45

# MCMIX MN20



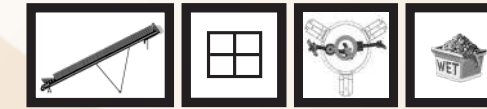
## 15-20 m<sup>3</sup>/h

### TECHNICAL SPECIFICATIONS

Type	Mobile or Compact
Theoretical Capacity	15-20 m <sup>3</sup> /h
Aggregate Bunker Type	Cross
Aggregate Bunker Capacity	4 x 4 m <sup>3</sup>
Aggregate Loading Type	Transfer Conveyor
Mixer Type	Planetary
Mixer Volume	375 lt.
Mixer Output Capacity	250 lt.
Mixer Motor Power	7.5 kw
Cement Weighing System	200 kg
Water Weighing System	100 kg
Additive Weighing System	10 lt.
Automation / Software	MCMIX
Electrical Equipment (Hardware)	Schneider/Siemens
Installed Electrical Power*	25-30 kw
Absorbed Electrical Power*	20-25 kw

\* basic version: n.1 cement silos

# MCMIX MN30



## 25-30 m<sup>3</sup>/h

### TECHNICAL SPECIFICATIONS

Type	Mobile or Compact
Theoretical Capacity	25-30 m <sup>3</sup> /h
Aggregate Bunker Type	Cross
Aggregate Bunker Capacity	4 x 4 m <sup>3</sup>
Aggregate Loading Type	Transfer Conveyor
Mixer Type	Planetary
Mixer Volume	750 lt.
Mixer Output Capacity	500 lt.
Mixer Motor Power	18.5 kw
Cement Weighing System	300 kg
Water Weighing System	150 kg
Additive Weighing System	30 lt.
Automation / Software	MCMIX
Electrical Equipment (Hardware)	Schneider/Siemens
Installed Electrical Power*	40-45 kw
Absorbed Electrical Power*	30-35 kw

\* basic version: n.1 cement silos

# MCMIX MN45



## 40-45 m<sup>3</sup>/h

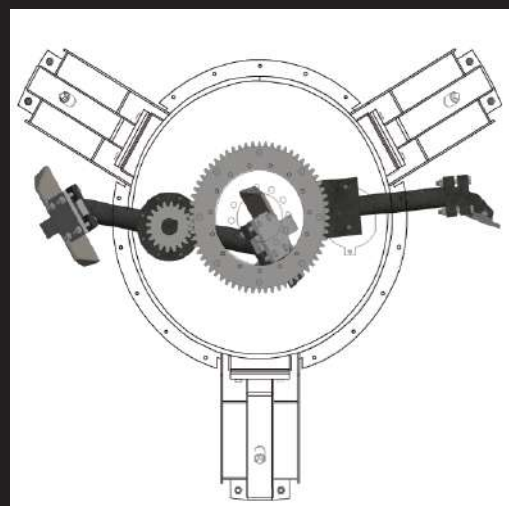
### TECHNICAL SPECIFICATIONS

Type	Mobile or Compact
Theoretical Capacity	40-45 m <sup>3</sup>
Aggregate Bunker Type	Cross
Aggregate Bunker Capacity	4 x 5 m <sup>3</sup>
Aggregate Loading Type	Transfer Conveyor
Mixer Type	Planetary
Mixer Volume	1125 lt.
Mixer Output Capacity	750 lt.
Mixer Motor Power	30 kw
Cement Weighing System	350 kg
Water Weighing System	180 kg
Additive Weighing System	30 lt.
Automation / Software	MCMIX
Electrical Equipment (Hardware)	Schneider/Siemens
Installed Electrical Power*	50-55 kw
Absorbed Electrical Power*	40-45 kw

\* basic version: n.1 cement silos



# CONCRETE MIXERS



PLANETARY MIXERS



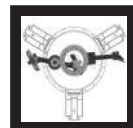
SINGLE SHAFT MIXERS



TWIN SHAFT MIXERS

OPTIONS

# ▶ PLANETARY MIXERS



TECHNICAL SPECIFICATIONS	P250	P500	P750	P1000
Dry Capacity	375 lt.	750 lt.	1125 lt.	1500 lt.
Fresh Concrete Output	300 lt.	600 lt.	900 lt.	1200 lt.
Vibrated Concrete Output	250 lt.	500 lt.	750 lt.	1000 lt.
Mixer Diameter	1300 mm	1800 mm	2000 mm	2200 mm
Maximum Load Capacity	600 kg	1200 kg	1800 kg	2400 kg
Mixing Motor Power	7,5 kw	18,5 kw	30 kw	45 kw
Hydraulic Power	1,5 kw	1.5 kw	1,5 kw	1,5 kw
Speed of Planetary Gearbox	20 rpm	20 rpm	20 rpm	20 rpm
Speed of Mixing Star (s)	40 rpm	40 rpm	40 rpm	40 rpm
Mixing Arms	3 pcs	3 pcs	3 pcs	2+2 pcs



# ▶ SINGLE SHAFT MIXERS



TECHNICAL SPECIFICATIONS	S500	S1000
Dry Capacity	750 lt.	1500 lt.
Fresh Concrete Output	600 lt.	1200 lt.
Vibrated Concrete Output	500 lt.	1000 lt.
Mixing Motor Power	18,5 kw	37 kw
Hydraulic Power	1,5 kw	1,5 kw
Mixing Helix	1 pcs	1 pcs



# TWIN SHAFT MIXERS



TECNICAL SPECIFICATIONS	T1000	T2000	T3000	T4000	T5000
Dry Capacity	1500 lt.	3000 lt.	4500 lt.	6000 lt.	7500 lt.
Fresh Concrete Output	1200 lt.	2400 lt.	3600 lt.	4800 lt.	6000 lt.
Vibrated Concrete Output	1000 lt.	2000 lt.	3000 lt.	4000 lt.	5000 lt.
Mixing Motor Power	2 x 22 kw	2 x 37 kw	2 x 55 kw	2 x 75 kw	2 x 90 kw
Hydraulic Power	1,5 kw	1,5 kw	1,5 kw	1,5 kw	1,5 kw
Mixing Arms	8 pcs	12 pcs	16 pcs	20 pcs	20 pcs
Scraper Arms	2+2 pcs	2+2 pcs	2+2 pcs	2+2 pcs	2+2 pcs



# AGGREGATE PRE-FEEDING SYSTEMS



**SHUTTLE TYPE**

**ROTARY GROOVE**

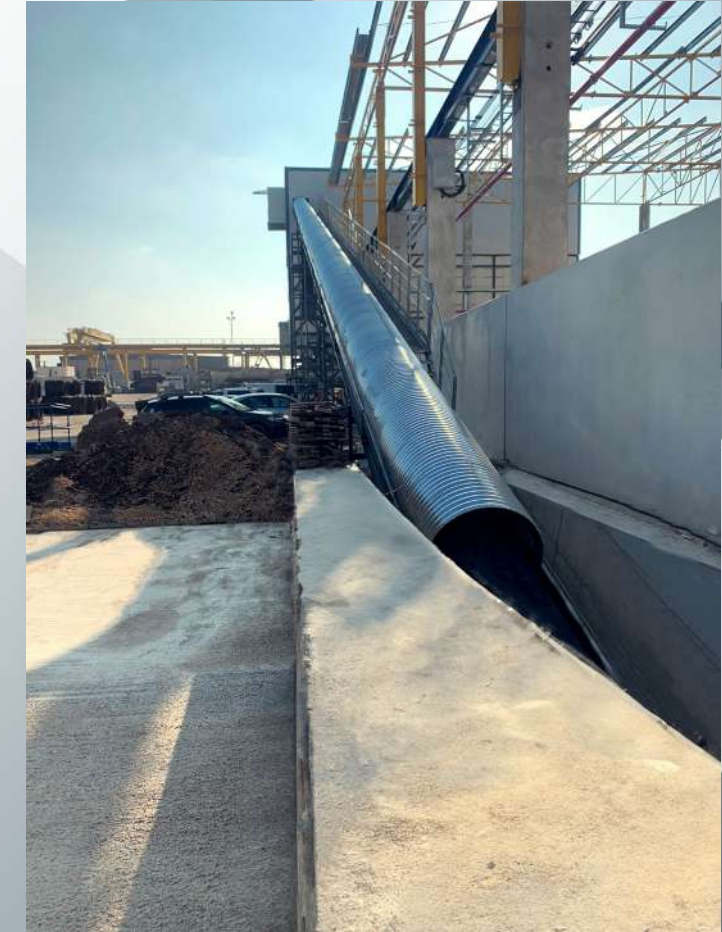
## ▶ SHUTTLE TYPE PRE-FEEDING SYSTEMS



Our shuttle-type aggregate pre-feeding system is specifically designed for stationary applications. It is suitable for plants with sequentially rectangular-shaped aggregate bunkers and is commonly utilized in stationary concrete batching plants. The system consists of an aggregate loading bunker, an aggregate transfer belt, and a wheeled conveyor capable of discharging material to both sides.



An electrical control panel is also integrated into the system to ensure seamless operation. The material from the aggregate transfer belt is efficiently directed onto the wheeled conveyor, which moves in a shuttle motion to enable precise discharge into the desired compartment. The entire set of equipment can be conveniently transported using either a covered truck or a 40-foot HC OT container.



## ▶ ROTARY GROOVE PRE-FEEDING SYSTEMS



Aggregate pre-feeding system is an essential component for loading aggregate into the aggregate bunker. This system eliminates the need for constructing a ramp to feed the aggregate bunker, resulting in cost savings and improved operational efficiency. The pre-feeding systems are categorized into two types based on the design of the aggregate bunker. In concrete batching plants with a square-type(cross) aggregate bunker, the rotary groove aggregate pre-feeding system is employed. For plants with a sequentially rectangular-shaped aggregate bunker, the shuttle-type aggregate pre-feeding system is utilized.

We offer the rotary groove aggregate pre-feeding system in both stationary and mobile configurations. While it is commonly used in mobile concrete batching plants, it can also be applied in compact plants featuring square-type aggregate bunkers. The system comprises an aggregate loading bunker, an aggregate transfer belt, and a rotary groove located at the head of the transfer belt to ensure precise discharge into each compartment of the aggregate bunker.

Additionally, an electrical control panel is included to facilitate system operation. The rotary groove is centrally positioned above the square bunker, remotely controlled, and enables targeted discharge into the desired compartment. The complete set of equipment can be conveniently transported using either a covered truck or a 40-foot OC OT container.



# CEMENT SILOS & CEMENT DELIVERY SYSTEMS



## CEMENT SILOS

**WELDED CEMENT SILOS**

**BOLTED CEMENT SILOS**

**MOBILE CEMENT SILOS**

## CEMENT DELIVERY SYSTEMS

**BIG BAG**

**BAG CEMENT**

# CEMENT SILOS

## WELDED CEMENT SILOS



CEMENT SILO MODEL	WCS-50	WCS-60	WCS-80	WCS-100	WCS-150
CAPACITY	50 TONS	60 TONS	80 TONS	100 TONS	150 TONS
DIAMETER	2400 mm	2400 mm	3063 mm	3063 mm	3500 mm
TOTAL HEIGHT	12000 mm	13500 mm	13000 mm	14500 mm	16500 mm
SILO LEGS	4 pcs	4 pcs	4 pcs	4 pcs	4 pcs
SILO LEGS' HEIGHT	3000 mm	3000 mm	4000 mm	4000 mm	4000 mm
SILO DISCHARGE HEIGHT	1200 mm	1200 mm	2000 mm	2000 mm	1620 mm

\*One unit of 50 and 60-ton capacity silos can be shipped in one covered truck.

\*\*One unit of silo with a capacity between 80 - 150 tons can be shipped in one flatbed truck.



## ▶ BOLTED CEMENT SILOS



CEMENT SILO MODEL	BCS-50	BCS-60	BCS-80	BCS-100	BCS-120	BCS-150	BCS-200	BCS-300	BCS-500	BCS-1000	BCS-2000
CAPACITY	50 TONS	60 TONS	80 TONS	100 TONS	120 TONS	150 TONS	200 TONS	300 TONS	500 TONS	1000 TONS	2000 TONS
DIAMETER Ø	3063 mm	3063 mm	3063 mm	3063 mm	3063 mm	4100 mm	4100 mm	5130 mm	6180 mm	7360 mm	12500 mm
TOTAL HEIGHT	9000 mm	11500 mm	13000 mm	14500 mm	17500 mm	13623 mm	15000 mm	18000 mm	20000 mm	22000 mm	22000 mm
SILO LEGS	4 pcs	4 pcs	4 pcs	4 pcs	4 pcs	4 pcs	4 pcs	6 pcs	8 pcs	12 pcs	16 pcs
SILO LEGS' HEIGHT	3000 mm	4000 mm	4000 mm	4000 mm	4000 mm	4500 mm	4500 mm	6000 mm	6000 mm	6000 mm	6000 mm
SILO DISCHARGE HEIGHT	1000 mm	2000 mm	2000 mm	2000 mm	2000 mm	1583 mm	1583 mm	1500 mm	1500 mm	1500 mm	1500 mm

\* Two units of 50 and 150-ton capacity silos can be shipped in one covered truck or one 40' HC OT container.

\*\* One unit of 200 ton capacity silos can be shipped with in one covered truck or one 40' HC OT container.

\*\*\* One unit of 500 ton capacity silos can be shipped with in two covered trucks or two 40' HC OT container.

## ▶ MOBILE CEMENT SILOS



### CEMENT SILO MODEL

### HCS - 30

TYPE	MOBILE OR STATIONARY
CAPACITY	30 TONS
SCREW CONVEYOR	U TYPE SPECIAL DESIGN
SILO FILTER	INCLUDES
SAFETY VALVE	INCLUDES
FLUIDISING JETS	INCLUDES
VIBRO MOTOR	INCLUDES



\*One unit of 30-ton capacity horizontal silos can be shipped in one covered truck or one 40' HC OT container.

# CEMENT DELIVERY SYSTEMS

## ▶ BIG BAG



Cement brought in large bags can be filled into the silos through the use of the Big Bag cement discharging system.

The MCMIX Big Bag cement discharging system consists of a pressure tank and associated equipment. The large cement bags are torn open using blades located on top of the pressure tank, allowing the tank to be filled with cement. The cement inside the tank is then pumped into the silo through a high-pressure compressor and hose. Additionally, a 2-ton capacity crane unit can be supplied as an option for lifting the cement bags.



## ▶ BAG CEMENT



The MCMIX bag cement feeding system comprises of 1 cement feeding bunker, 1 feeding screw, and a control panel. The concrete plant operator tears open the bag of cement using a blade on top of the feeding bunker and fills the bunker. Subsequently, the silo is filled using the cement feeding screw.



# OTHER EQUIPMENTS

## ▶ CONCRETE COOLING



## ▶ WATER TANK



## ▶ HYDROPHOR



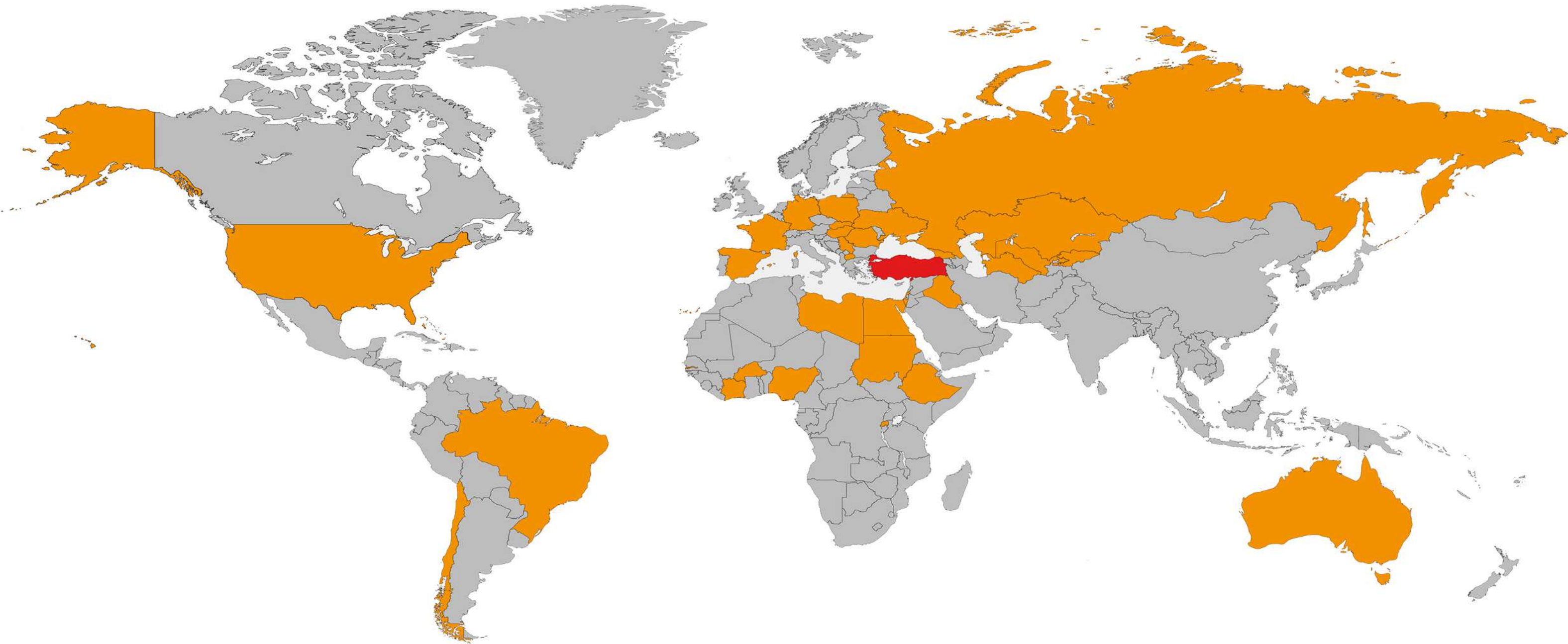
# COMPONENTS



# TOP REFERENCES



# GLOBAL PRESENCE



AUSTRALIA | BAHAMAS | BRAZIL | BURKINA FASO | EGYPT | ETHIOPIA | FRANCE | GAMBIA | GEORGIA | GERMANY | HUNGARY | IRAQ | ISRAEL | IVORY COAST | KAZAKHISTAN | KIRGHIZISTAN | LIBYA | MACEDONIA | NIGERIA | POLAND | ROMANIA | RUSSIA | RWANDA | SERBIA | TURKMENISTAN | UKRAINE | UNITED STATES OF AMERICA | UZBEKISTAN |



## **NEW GENERATION PLANTS**



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