



Mortar Mixer 5 litres capacity

With comprehensive safety equipment

Safety cover on mixing bowl
Electronic monitoring of bowl position
Safety restart procedure
Emergency Stop button

EN 196-1,-3,-9
EN 413, EN 480
ASTM C305

Motar mixer, 5 litres capacity

EN 196-1,-3,-9, EN 413, EN 480, ASTM C305,
AASHTO T162, ISO 679

Special features:

Digital control panel for manual, automatic or semiauto-
matic operation
Safety cover on mixing bowl
Electronic monitoring of bowl position
Safety restart procedure
Emergency stop button
Additional funnel above mixing bowl
8 languages for the display: German, English, French,
Russian, Italian, Portuguese, Spanish, Polish

Options:

Illumination of mixing bowl
Additional to the 4 stored programs: 12 freely program-
mable mixing programs
Freely programmable water quantity
Special stirrer acc. to ASTM
Special mixing bowl acc. to ASTM
Special mixing bowl for larger fraction or filler:
max. distance between bowl and stirrer 6 mm

Technical data:

Heavy duty design with aluminium and gray cast-iron
parts. Including stainless steel stirrer and stainless steel
mixing bowl.

Quick-clamping system for attaching the mixing bowl to
the mixer. Standard distance between mixing bowl and
stirrer 3 ± 1 mm. Fine adjustments are made by use of
special tool.

Driven by a powerful three-phase AC motor. Planetary
gearing and toothed belt drive to ensure quiet and main-
tenance free operation.

Two mixing speeds: 140 ± 5 rpm and 285 ± 10 rpm.
The mixing bowl can be lowered by an elevating system.
Simple assembly and disassembly of the mixing bowl and
stirrer.

Dim. (wxdxh) = 390 x 600 x 700 - 860 mm

Net/gross weight: 62/70 kg

400 V / 50-60 Hz / 0.37 kW

110 V / 50-60 Hz

230 V / 50-60 Hz





1.0203 + 1.0203.11

Mortar mixer, 5 litres capacity

With manual operation

Manual supply of cement, water and sand
Heavy-duty design, made of aluminium and gray cast-iron parts
Mixing bowl and stirrer made of stainless steel
Two mixing speeds: 140 ± 5 rpm, 285 ± 10 rpm
400 V / 50 Hz

1.0203

EN 196

1.0203ASTM

ASTM C305



1.0203.01 + 1.0206.02

Mortar mixer, 5 litres capacity

With manual operation and with sand feeder

(hand-operated)

Manual supply of cement and water
Heavy-duty design, made of aluminium and gray cast-iron parts
Mixing bowl and stirrer of stainless steel
Two mixing speeds: 140 ± 5 rpm, 285 ± 10 rpm
400 V / 50 Hz

1.0203.01

EN 196

1.0203.01ASTM

ASTM C305



1.0205 + 1.0206.02

Mortar mixer, 5 litres capacity

Automatic program control and sand feeder

(Can also be operated manually)

Manual supply of cement and water
Fully automatic sand feeder and operation of the actually stored mixing programs:
P1 acc. EN 196-1 or acc. ASTM C305, EN 413;
P2 acc. EN 480; P3 acc. EN 196-3; P4 acc. EN 196-9
Heavy-duty design, made of aluminium and gray cast-iron parts
Mixing bowl and stirrer made of stainless steel
Two mixing speeds: 140 ± 5 rpm, 285 ± 10 rpm
400 V / 50 Hz

1.0205

EN 196

1.0205ASTM

ASTM C305

● ● ● **Recommended accessories**

1.0205.02

Expanded software for user programming of 12 additional mixing programs

1.0206.02

Stainless steel cabinet, one-door
As base for the unit,
Dim. (wxdxh) = 600 x 750 x 850 mm
Weight: 38 kg



1.0206 + 1.0206.02

Mortar mixer, 5 litres capacity
Automatic program control, sand feeder and water dosing system acc. EN or ASTM 225/242 ml
 (Can also be operated manually)
 Manual supply of cement
 Fully automatic sand feeder, water dosing system and operation of the actually stored mixing programs:
 P1 acc. EN 196-1 or acc. ASTM C305, EN 413;
 P2 acc. EN 480; P3 acc. EN 196-3; P4 acc. EN 196-9
 Heavy-duty design, made of aluminium and gray cast-iron parts.
 Mixing bowl and stirrer made of stainless steel
 Two mixing speeds: 140 ± 5 rpm, 285 ± 10 rpm
 400 V / 50 Hz

1.0206 EN 196

1.0206ASTM ASTM C305

1.0206.02 ●●● **Necessary accessories**
 Stainless steel cabinet, one-door
 As base for the unit, including water pump and the water tank
 Dim. (wxdxh) = 600 x 750 x 850 mm, Weight: 38 kg

1.0205.02 ●●● **Recommended accessories**
 Expanded software for user programming of 12 additional mixing programs



1.0206.01 + 1.0206.05

Mortar mixer, 5 litres capacity
Automatic program control, sand feeder, water dosing system and dust extraction system
 (Can also be operated manually)
 Manual supply of cement
 Fully automatic sand feeder, water dosing system and operation of the stored mixing programs:
 P1 acc. EN 196-1 or acc. ASTM C305, EN 413;
 P2 acc. EN 480; P3 acc. EN 196-3; P4 acc. EN 196-9
 Integrated dust extraction system
 Heavy-duty design, made of aluminium and gray cast-iron parts
 Mixing bowl and stirrer made of stainless steel
 Two mixing speeds: 140 ± 5 rpm, 285 ± 10 rpm
 400 V / 50 Hz

1.0206.01 EN 196

1.0206.01ASTM ASTM C305

1.0206.05 ●●● **Necessary accessories**
 Stainless steel cabinet, two-doors
 As base for the unit, including water pump, the water tank and the dust-extraction system
 Dim. (wxdxh) = 1000 x 750 x 850 mm, Weight: approx. 80 kg

1.0205.02 ●●● **Recommended accessories**
 Expanded software for user programming of 12 additional mixing programs



1.0206.04

**Mortar mixer, 5 litres capacity
Automatic program control, sand feeder and variable water dosing system**

Seven different water amounts can be freely programmed into the system. If desired, these programs can be permanently installed at the factory.

EN 196: 225 ml plus 6 quantities freely programmable;
ASTM C 109: 230, 242, 340 and 359 ml plus 3 amounts

Stored mixing programs:

P1 acc. EN 196-1 or acc. ASTM C305, EN 413;

P2 acc. EN 480; P3 acc. EN 196-3; P4 acc. EN 196-9

2 mixing speeds: 140 ± 5 rpm, 285 ± 10 rpm

Mixing bowl and stirrer made of stainless steel

4 stored mixing programs

400 V / 50 Hz

1.0206.04

EN 196

1.0206.04ASTM

ASTM C305

1.0206.02

● ● ● **Necessary accessories**

Stainless steel cabinet, one-door

As base for the unit, including water pump and the water tank

Dim. (wxdxh) = 600 x 750 x 850 mm, Weight: 38 kg

1.0205.02

● ● ● **Recommended accessories**

Expanded software for user programming of 12 additional mixing programs



1.0206.06

**Mortar mixer, 5 litres capacity
Automatic program control, sand feeder, variable water dosing system and dust extraction system**

Seven different quantities of water can be freely programmed into the system. If desired, these programs can be permanently installed at the factory.

EN 196: 225 ml plus 6 quantities freely programmable

ASTM C 109: 230, 242, 340 and 359 ml plus 3 quantities freely programmable

Stored mixing programs:

P1 acc. EN 196 T.1 or acc. ASTM C305, EN 413;

P2 acc. EN 480; P3 acc. EN 196-3; P4 acc. EN 196-9

2 mixing speeds: 140 ± 5 rpm, 285 ± 10 rpm

Mixing bowl and stirrer made of stainless steel

400 V / 50 Hz

1.0206.06

EN 196

1.0206.06ASTM

ASTM C305

1.0206.05

● ● ● **Necessary accessories**

Stainless steel cabinet, two-door

As base for the unit, including water pump, water tank and dust-extraction system

Dim. (wxdxh) = 1000 x 750 x 850 mm, Weight: approx. 80 kg

1.0205.02

● ● ● **Recommended accessories**

Expanded software for programming of 12 additionally mixing programs

1.0206.07



1.0206.07

Standard mortar mixer with additional consistency measurement

With sand feeder for 1350 g EN standard testing sand and variable water dosing.

For the determination of the **optimum water requirement**, for the purpose of achieving desired mortar workability.

The controlled addition of water enables repeated achievement of desired mortar consistency (viscosity) that had been reached earlier.

Additionally, for production on standards - compliant mixtures with:

4 permanently stored standard programs

P1 acc. EN 196-1 or acc. ASTM C305, EN 413;

P2 acc. EN 480; P3 acc. EN 196-3; P4 acc. EN 196-9

Possibility of user programming of self-created program cycles

2 mixing speeds: 140 ± 5 rpm and 285 ± 10 rpm

Mixing bowl and stirrer made of stainless steel

400 V / 50 Hz

1.0206.08

● ● ● **Optional accessories**

Lighting of the mixing bowl interior by 5 bright LED's

1.0203.02EN

● ● ● **Spare parts for all mixers**

Stainless steel stirrer, EN 196
Width 137 mm

1.0203.02ASTM

Stainless steel stirrer, ASTM C305
Width 139 mm

1.0203.03EN

Stainless steel bowl EN 196
198 mm dia.

1.0203.03ASTM

Stainless steel bowl ASTM C305
202 mm dia.

1.0217

CEN standard testing sand

EN 196-1, 36 bags, 1350 g pcs.