

Laboratory Flour Mill AQC 806

4-roller laboratory mill with one sieve
with hardened rolls
roll 4 also available as smooth roll
connection 110/230VAC
integrated frequency converter
motor voltage 3x400V
advance- and reverse run
sieve area with quality sieves (Sefar®)
all rolls with roller brushes
sieve drum brush
massive grinding block (aluminium)
roller distance adjustable via eccentric tappet
electronically controlled feeding roll



For production of flour from grain samples for further tests and analysis.

Comparing tests regarding characteristics of the grain. Quick grinding of high sample volume.

Easy and quick cleaning when changing product.

The mill can be used for permanent operation if feeding and decharging has been taken care of.

The AQC806 is a 4-roller-mill with one sieve. The mill consists of a heavy welded steel chassis part with integrated motorblock, frequency converter and electronic device. The milled grinding device made of aluminium contains the inlet funnel, the 4 grinding rolls with adjustable distance and the drive. The corrugated grinding rolls are made of high quality hardened steel. The large compound of the grinding block allows vibrationfree operation at low noise. The electronically controlled feeding roll allows precise and constant dosage in the range of approx. 15 - 50gr/min. The main drive at the 3-phase, frequency controlled motor is handled by a drive belt, the drive of the rolls by means of a rotating flat belt. The excentrically running sieve area is operated by a high flexible round belt.

Origin/manufacturing: Switzerland



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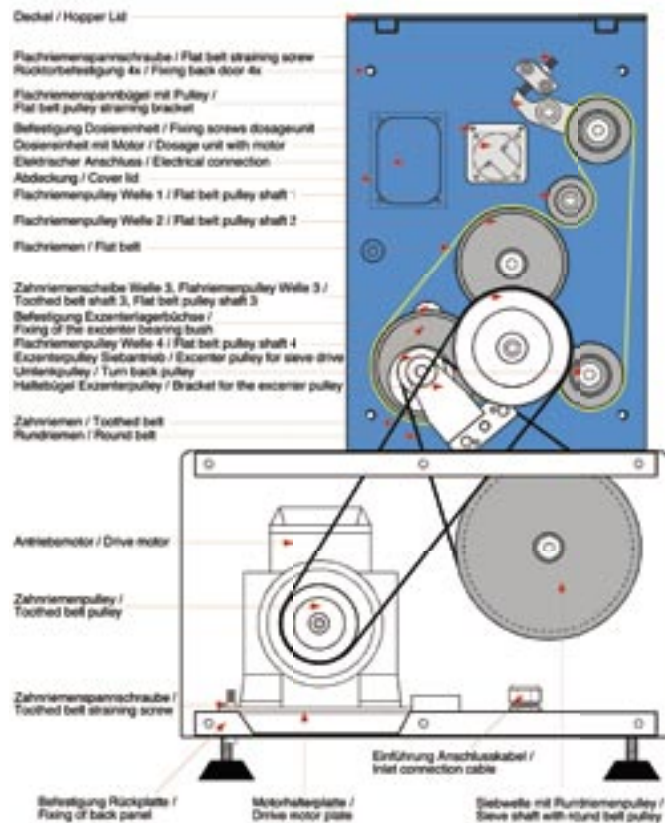
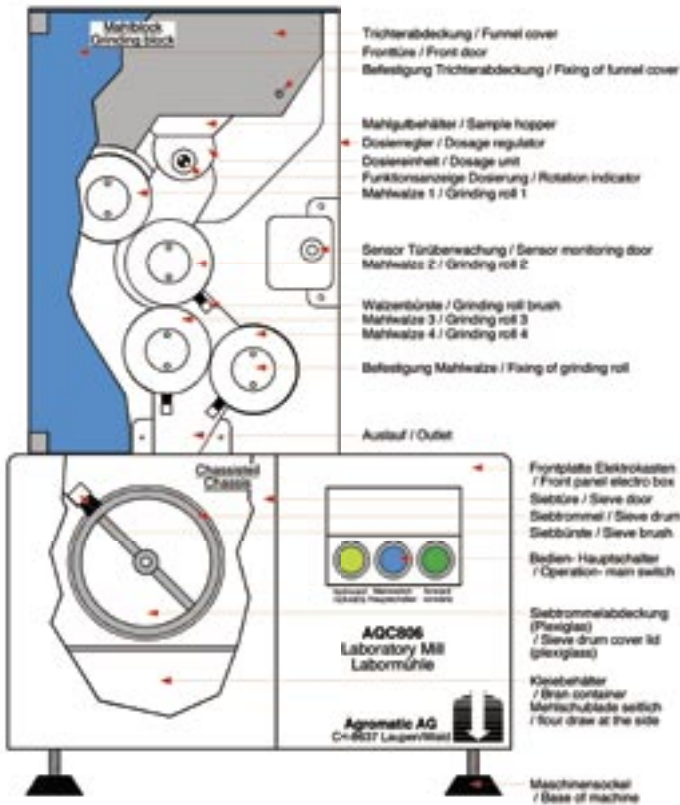


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Technical basic data:

Connection voltage either 110/230V 45/55 Hz
 Motor connection voltage 3x400V/50Hz / 0.4kW
 addressed via frequency converter one to three
 phrases (higher torque, constant running).
 Internal control voltage 24 VDC
 Electronical doorlock
 Speed drivemotor 1350 rev/min
 Speed grinding roll W1 970 rev/min
 Speed grinding roll W2 420 rev/min
 Speed grinding roll W3 970 rev/min
 Speed grinding roll W4 420 rev/min
 Mill gap W1 : W2 0.8mm +- 0.1mm (fix)
 Mill gap W2 : W3 0.15mm + 0.0 - 0.02 adjustable
 Mill gap W3 : W4 0.05mm +- 0.02mm adjustable
 Maximum charge approx. 900gr
 Grinding capacity approx. 15 - 100gr/min
 Standard sieve drum clothing 250µ, others on
 request

Rolls with coil ribbing, roll 4 can additionally be replaced by smooth roll

Scope of supply:

- Art. 6000001
- laboratory mill with 2m connectioncable without plug
 - integrated grinding rolls, adjusted
 - sievedrum with sieve 250µ
 - operating manual german / english
- Recommended accessories** (order separately)
- Art. 0006081
- 5-item toolset
 - roll extractor
- Expendable items** (order separately)
- Art. 0006101
- 1 set roll brushes (3 pce nylon)
 - 1 sieve drum brush (horsehair)
 - 1 flat belt
 - 1 drive belt
 - 1 round belt (sieve drum)
 - 1 sieve drum complete with clothing 150µ

Special accessories (order separately)

- Art. 0006154 smooth roll W4G
- Art. 0006041 sieve drum empty for replacing clothing

Sizes: h 620mm w 410mm d 475mm

Net weight: 70kg, gross weight incl. air/seaworthy packing 93kg (84x54x64cm)

Warranty: 12 months from start of operation not longer than 14 months after delivery data

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