



Complete Lines Eurovent 600 CMG - 600

Images





Product details

Category:	Sold
Machine:	600 CMG - 600
Machine code:	IT196



INTIMAC S.R.L.

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Manufacturer: Eurovent

Year of construction: 2000

Description



Complete Eurovent 200 Kg granulation line Mod. 600 CMG - 600

MIXER GRANULATOR

Mixer Bowl

The mixer bowl is manufactured from stainless steel grade 316L.

The mixer bowl has a conical shape design to improve the mixing flow pattern of product.

Within the mixer bowl is a 2-speed agitator that mixes the product at atmospheric pressure.

A two-speed side cutter is fitted to the side of the mixer bowl, and is used to aid the granulation process.

The product is charged directly into the mixer body from a product bin by the vacuum loading system.

When the mixing and granulation process is complete, product is discharged through the discharge port to the wet mill for vacuum transfer to the fluid bed dryer.

DATA SHEET

Machine Type: 600 CMG

Bowl volume: 600 litres

Bowl capacity: 220 kg/250 kg

Agitator

Motor: 26/33 kw

Low/high speed: 172/86 rpm

Crawl speed: 12 rpm

Side cutter

Motor: 11/9 kw

Low/high speed: 1430/2850 rpm

Vacuum loading system

Convey rate: 600 kg/hr

Maximum distance: 5 metres

Wet mill

Motor: 7.5 kw

Impeller: square type

Screen: slotted hole

Services

Electricity: 415volts/3ph/50hz/NE

Air: 4-6 Bar to ISO 8573-1 CLASS 1-2-1

Water-seal purge

Consumption: 50 litres/min

Pressure: Min 1.0 Bar/Max. 2.0 Bar

FLUIDIZED BED DRYER

Machine type: Model 600

Max. working volume: 600 litres

Max. working load: 220 kg

Material container bed mesh: conidor plate

Product filter-bag: twill weave nylon with brunsmet thread

Lifting ram pump: 20:1 air driven hydraulic pump

Air handling unit:

Inlet air filtration: EU4 Panel – EU13 HEPA

Heater:

Heating medium: saturated steam@3.5 bar g

Consumption: 0.1 kg/s

Heating capacity: 90°C Temperature Rise

Design pressure: 6 bar g

Centrifugal fan:

Process fan capacity: 1.6 m³/s @ 20°C



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Developed pressure: 7500 Pa

Fan motor: 22 kW

Dry mill

Motor: 4kw

Vacuum unloading:

Convey rate: 720 kg/hr

Services:

Electricity: 415V, 50 Hz, 3ph. N.E.

Air supply: 4 – 6 Bar g to ISO 8473-1 class 1-2-1.

Air consumption: 4.7 litres/sec.