



High Shear Mixers/Powder Mixers/Mills/Granulators/Roller Compactors DIOSNA P800

Images





Product details

Category:	High Shear Mixers/Powder Mixers/Mills/Granulators/Roller Compactors
Machine:	P800
Machine code:	22F320
Manufacturer:	DIOSNA
Year of construction:	1992

Description

Two operations in one go.

Premixing: The mixing tool, which rotates at 4 or 8 m/sec. near the bottom of the hopper, sets the mix in motion in the form of a drum.

in a drum-shaped movement. This ensures fast and uniform distribution of all dry components.

Smooth moist granulation:

Uniform wetting of all grains. A loose build-up granulate of up to 2 mm is produced. Larger lumps are beaten with

10 or 20 m/sec. of the chopper tool. Discharge takes place while the mixing tool is running. Moisture screening is not necessary in most cases before drying.

Pre-mixing approx. 2 min.

Damp granulation 2 - 4 min.

Discharge approx. 30 sec.

Short premixing and granulation times.

Uniform granulate. Particularly wide working range from light to very heavy masses. Low-noise operation and low wear. Low overall height, all parts easily accessible. Easy cleaning.

Dead space-free mixing interior.

Total capacity 800 l

Batch size for moist granulation, depending on the consistency of the recipe 280-350 kg

Main drive pole-changing 35/53 kW

Mould speed 49/98 rpm

Power transmission V-belt and worm gear

Chopper drive pole-changing 10/12 kW

Chopper speed 1460 / 2935 rpm

Machine footprint Length Width mm 3085 x 1765

Height to upper edge of mixing container: 1550 mm

Sep. control cabinet (incl. base) width/depth/height 800x400x1940 mm

Weight of machine 3450 kg

Weight of control cabinet 200 kg