

## Spray drying plants D 400

---

### Highlights

- Low energy consumption
- Economically efficient production with dust recycling
- Low emission values
- Waste heat utilization
- Combustion air filtration
- Compact design
- FDA approved

### Characteristics

- Cyclone dust extraction
- Dry dust extraction
- Wet dust extraction
- Gas heating
- Oil heating
- Entry temperature 250-550°C

### Spray drying plants Type D 400

|   |             |
|---|-------------|
| Water evaporation capacity:   | 400 kg/h    |
| Diameter:   | 4.600 mm    |
| Cylindrical height:   | 8.200 mm    |
| Total height:   | 14.600 mm   |
| Granulate output at 40% H <sub>2</sub> O, porcelain 2% residual moisture: | 631 kg/h    |
| Technical ceramics 25% H <sub>2</sub> O, 0,5 % residual moisture:         | 1.224 kg/h  |
| Space requirement L/W/H:  | 10/8/14,6 m |

### Technologies

- Pressure nozzle
- Spraying cone monitored by camera
- Residual moisture measurement and control
- Batch Analyzer
- Semi- and fully automatic cleaning device

