

## Mini-Compounder KETSE 12/36 D

Twin screw extruder in miniature for the plastics and pharmaceutical industry

Brabender<sup>®</sup>  
Mini-Compounder  
KETSE 12/36 D



## Specification

The Brabender® Mini-Compounder KETSE 12/36 D is a co-rotating twin screw extruder miniature with application to the chemical as well as to the pharmaceutical industry to develop new products.

The scale-down of the machine in combination with the comprehensive adaptability to almost each processing task and the easy handling of the system, explain the distinction of the Mini-Compounder as an excellent laboratory apparatus. The Brabender® Mini-Compounder KETSE 12/36 D has an integrated drive with an output of 2.4 kW and reaches speeds up to max. 600 U/min.

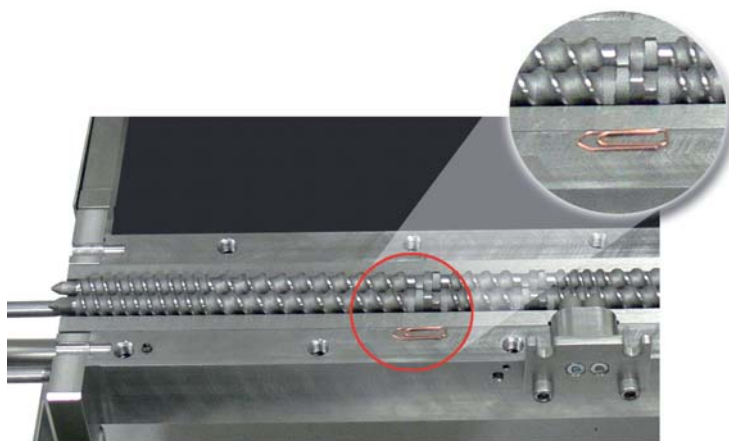
The clam shell barrel is divided horizontally, can be tilted open, and allows visual assessment of individual processing steps. Furthermore, a comfortable mounting of the screws and a quick cleaning of the barrels are possible.

In addition to the main metering, metering or venting ports at a barrel length of 6 D, 11 D and 25 D are available. Side feeding can be installed at 14 D length.

Technical Data	
Screw diameter:	12 mm
Screw length:	450 mm
Drive:	2.4 kW (inverter drive)
Max. Torque:	20 Nm
Speed:	1 - 600 min <sup>-1</sup>
Throughput:	approx. 0.1 - 5 kg/h
Temperature control:	8 heating and cooling zones
Pressure:	150 bar
Max. operating temperature:	400 °C
Materials:	liquid, pulverized, pelletized
Mains:	3 x 400 V, 50 Hz, 32 A, +N +PE
Dimensions:	1150 mm x 650 mm x 1190 mm
Weight:	230 kg

The modular screw conception offers all individual processing possibilities. Even minimum samples as it is especially required in the pharmaceutical industry can be processed with the Mini-Compounder KETSE 12/36 D.

The Mini-Compounder KETSE 12/36 D is supported by CANopen bus technology. Recording and evaluation of measuring data as well as control of the entire machine system are done with easy-to-handle software under Windows®.



Miniature screws compared with a paper clip

Subject to changes of design and technical modifications without notice.

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