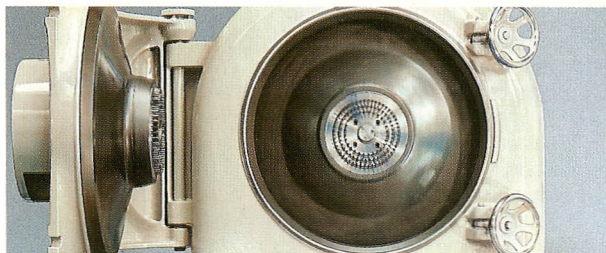# Contraplex® Wide-Chamber Mills CW

CW Features
☐ Two rotating stud discs for higher grinding finenesses than with conventional single-rotor mills.
☐ Wide-chamber housing prevents deposits from forming when processing fatty, oily, and sticky materials.
☐ For materials up to a Mohs' hardness of 3.

◀ Figure: 250 CW model

Application Areas
Contraplex® wide-chamber mills are capable of solving difficult size reduction tasks. These mills reliably achieve high finenesses, and because of the wide-chamber housing - and also the fact that there is no sieve - are ideally suited to processing materials which tend to deposit. Examples:
☐ Fatty spices such as nutmeg and cloves, etc.
☐ Cocoa powder, biscuit rejects
☐ Pigments such as blanc fixe, white lead, etc.
☐ Chemical products: metallic oxides, stearates, etc.

Design
☐ Two rotating stud discs for grinding finenesses down to 20 µ. The diversity of adjustment parameters such as direction of rotation and speed, etc. permits individual adaptation of the grinding conditions to the material being ground.
☐ Wide-chamber housing: prevents formation of deposits and subsequent blocking when processing fatty materials.
☐ Grinding studs made of special steel.
☐ Special designs to order:
stainless steel, pressure-shock-proof, etc.
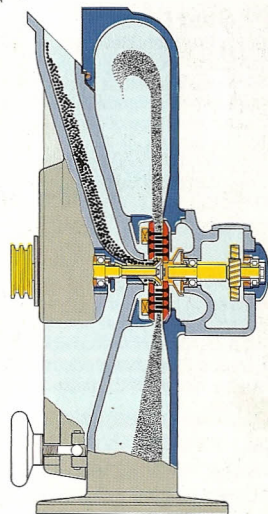
Model Range

Contraplex® CW	Model	250 CW	400 CW	630 CW	710 CW	1120 CW
Scale-up factor	F=approx.	1	2,5	5,5	9	22
Drive power						
- housing side	max. kW	15	30	55	110	250
- door side	max. kW	7,5	15	55	110	250
Stud disc speed						
- housing side	max. r.p.m.	11200	8400	3550	3550	2250
- door side	max. r.p.m.	5600	4500	3150	3150	2000
Stud rows						
- housing side	no.	3	3	2	2	2
- door side	no.	3	3	3	3	3
Air volume[1]						
- normal	m³/h	600	1500	2100	3100	12000
- maximum	m³/h	1000	2400	4400	5900	23000
Weight (without motor)	approx. kg	900	1000	14000	3800	5000

1) Air volume: Total air volume at 0 daPa back pressure and max. stud disc speed.
Normal = for heat-insensitive materials. Maximum = for heat-sensitive materials.