

Courtoy modul™ D

Double-sided rotary press

The shortest way to productivity
and containment

Your Benefits

- Exchangeable Compression Module (ECM) for D,B,BB and other sizes
- Highest productivity and flexibility, combined with product containment
- Double-output or double-layer tableting
- Multi-Control 4 control system (21 CFR part 11 compliant)
- Optional Dual Control (patent pending) for independent weight and hardness control
- Constant-level feed for optimal weight stability
- ECM with unique Courtoy design features
- Large front and rear door for easy access
- Complete process control including all peripherals for lights-out production

ECM : Exchangeable Compression Module

- All parts in contact with the product are encapsulated in the ECM including the tooling.
- The ECM is removed in a contained manner, eliminating the need for cleaning of the inside of the press.
- This results in very high productivity, as the downtime is reduced to an absolute minimum.
- At the same time, a very high level of operator protection is achieved.





Lift to ensure easy removal and installation of the ECM

Technical Data

Tooling (EU or IPT)		D35	D	B	BB	BBS
Max. tablet diameter ¹	mm	35	25,4	16 (L=19)	13 (L=14,3)	8
Punch body diameter	mm	35	25,4	19	19	16
Die outside diameter	mm	52	38,1	30,16	24	22
Die height	mm	30	23,81	22,22	22,22	22,22
MODUL™ D						
Number of stations		39	53	67	81	89
Maximum fill depth	mm	20 (25)	20	20	20	16
Top punch penetration	mm	1 to 4	1 to 4	1 to 4	1 to 4	1 to 4
Max. pre-compression force ²	kN	10	10	10	10	10
Max. compression force ³	kN	100	100	100	100	100
Max. production capacity ⁴	tab/hr	350,000	540,000	722,000	875,000	1,069,000
Electrical requirements		3phase+PE - 380V / 400V / 415V / 460V - 50 Hz / 60 Hz - 25 kVA				
Compressed air requirements		6-8 bar / 100 l/min				
Dust extraction requirements		230 m ³ /h at 30 mbar				
Machine dimensions & weight		W= 2000mm x D= 1500mm x H= 2250mm - 6500 kg				

In case of special tablet shapes, it is recommended to contact Courtoy. 10 kN under extended dwell time by air compensator. 100 kN is possible upon special request.

³ If the actual compression force required is above 70% of the maximum, please contact Courtoy. ⁴ Real output depends on tablet and powder characteristics.



modul™

Because time doesn't stop when you do!

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Niro Pharma Systems unites the technologies of Aeromatic, Buck, Collette, Courtoy, Fielder, Nica and Niro to supply advanced processing solutions for solid dosage forms to the pharmaceutical industry.

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