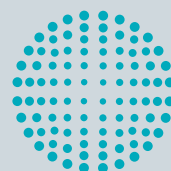




R&D press with small footprint

52i

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Mobile galenic press



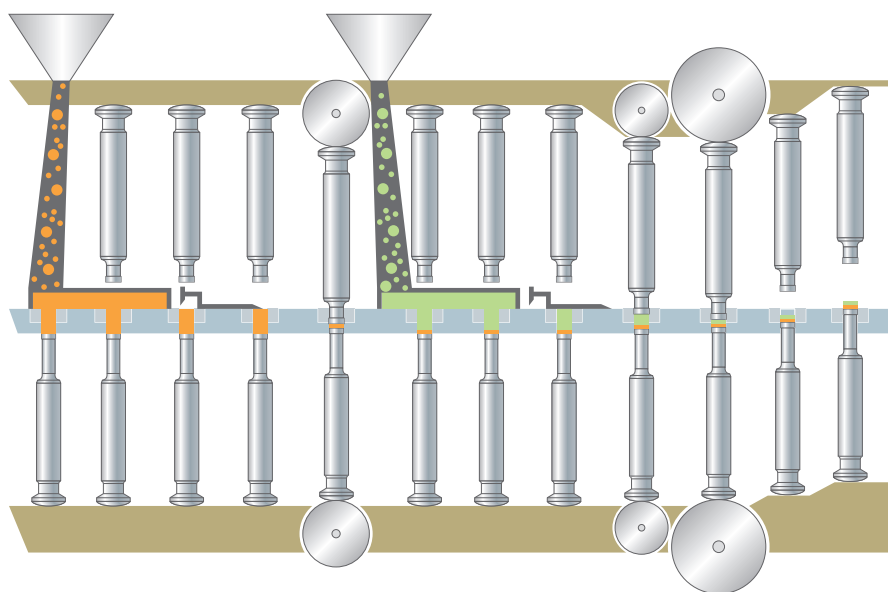
R&D tablet press

The 52i offers highly innovative technology on a small footprint. The press is absolutely mobile and connected to state-of-the-art analytic software on an industrial computer.

The simple and easy cleaning of the machine leads to a high availability. Precise up-scaling minimizes the need to press test charges on production machines. Due to its GMP-approved construction and easy to handle validation the 52i is the perfect solution for the production of small batches and clinical charges.

TECHNICAL DATA	52i			
	B-10	D-8	B/D-4	FlexAdapt X-8
Max. tablet diameter	16 mm	25 mm	16/25 mm	25 mm
Number of punch stations	10	8	4/4	8
Punch type	B-30.16	D-38.1	B/D	BBS/BB/B/D
Max. fill depth	20 mm			
Max. pre-compression	5(10) kN			
Max. main-compression	60 kN			
Upper punch penetration	2–4 mm			
Pitch circle diameter	130 mm			
Max. output (tablets/h)	42,000	33,600	16,800	33,600
Power supply	3.0 KW			
Weight	440 Kg			
Dimensions/mm (L x W x H)	1,200 x 600 x 1,600			

52i Bi-layer



TECHNICAL DATA	52i			
	B-20	D-16	B/D-8	FlexAdapt X-16
Max. tablet diameter	16 mm	25 mm	16/25 mm	25 mm
Number of punch stations	20	16	8/8	16
Punch type	B-30.16	D-38.1*	B/D	BBS/BB/B/D
Max. fill depth (1./-2. layer)	20/10 mm			
Max. pre-compression 1st layer	10 kN			
Max. pre-compression 2nd layer	10 kN			
Max. main compression 2nd layer	60(80) kN			
Upper punch penetration	2-4 mm			
Pitch circle diameter	230 mm			
Max. output (tablets/h)*	60,000	48,000	24,000	48,000
Power supply	3.5 kW			
Weight	950 Kg			
Dimensions/mm (L x W x H)	1,465 x 800 x 1,805			

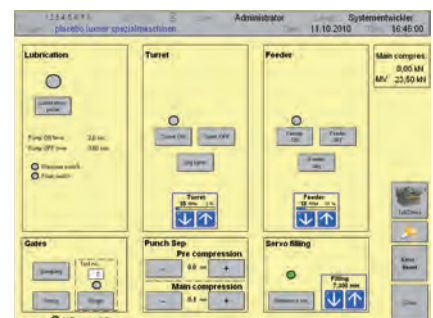
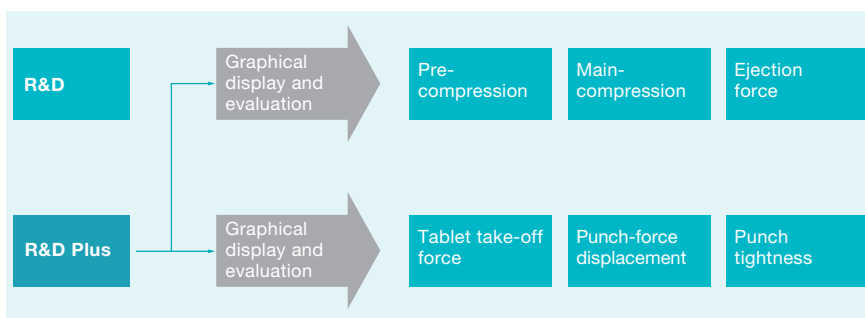
* Bi-layer

Galenic software

The modular software design allows easy upgrading from R&D to R&D Plus functionality. A modern industrial PC system with a 15" touch screen display ensures a brilliant and clear display of all evaluation graphics and statistics.

The high number of instruments allows an almost ideal simulation of production presses at laboratory size.

- Pre compression measurement
- Main compression measurement
- Ejection force measurement
- Way-force-graphics
- 21 CFR part 11 compliant



R&D: Fully automatic regulation of powder dosing through compression force and adjusting of the rotations per minute of the die table, optional regulation of tablet hardness. Also graphical display of the measurement results, e.g. pre-compression, main-compression, ejection force.

R&D Plus: In addition to the functions of "R&D" the "R&D Plus" -package includes the analysis and visualization of all available additional instruments and the display of the way-force diagram. Upgrade from "R&D" to "R&D Plus" is always possible.

Fette Compacting GmbH

Grabauer Strasse 24
21493 Schwarzenbek
Germany
Phone +49 4151/12-0
Fax +49 4151/3797
tablet@fette-compacting.com

Fette Compacting America, Inc.

400 Forge Way
Rockaway N.J. 07866
USA
Phone +1 973-5868722
Fax +1 973-5860450
sales@fetteamerica.com

Fette Compacting America Latina Ltda.

Av. Cambacica, 1200 módulo 10
Parque Imperador
CEP 13097-104
Campinas/SP – Brazil
Phone +55 19 3796 9910/3262 1900
contato@fette-compacting.com.br

Fette Compacting Nanjing Machinery Co., Ltd.

8 Phoenix Road Jiangning Development Zone
211100 Nanjing
China
Phone +86 25 52121818
Fax +86 25 52129951
info@fette-compacting.com

Fette Compacting Machinery India Private Limited

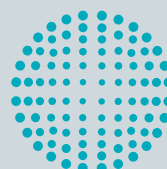
Corporate Office:
Old No 48/2, New No 62, 3rd main road,
Gandhinagar, Adyar, Chennai – 600 020
India
Phone +91 44 2440 5136
Fax +91 44 42337704
sales@fette-compacting.in

Competence Centre:
Plot No S 115, Phase III B
Verna Industrial Estate
Verna, Goa 403 722
India

Fette Compacting Asia Pacific Pte Ltd

1 Kim Seng Promenade #14-04
Great World City East Tower
Singapore 237994
Phone +65 6734 6531
Fax +65 6734 8412
infoasiapacific@fette-compacting.com

www.fette-compacting.com



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