Entry to high-performance tableting

2200i

www.fette-compacting.com
Profile: Tablet press 2200i single-sided rotary tablet press

The single-sided rotary tablet press 2200i is your best choice when it comes to cost-efficient production. Proven standard components and high performance rotary turrets allow for a solution that significantly increases annual output. Fast tool changes are facilitated by way of interchangeable turrets or interchangeable segment turrets, and provide you additional flexibility unparalleled in its class.

**TECHNOLOGY** stands for everything we offer in production technology – from tablet presses and capsule filling machines through process equipment to tableting tools and format parts.

**SERVICE** covers all the services related to machines, process equipment and installations such as spare parts supply, plant modernization and technical field service department.

**COMPETENCE** is the overarching idea behind all our process-related services. This includes training, product trials, application and Performance Consulting as well as engineering.
FEATURES
+ Reliable high-performance rotary tablet press
+ Exchangeable turret
+ Maximum speed, productivity and precision
+ Operator terminal with 15” touchscreen
+ Wide range of accessories and process equipment
+ High-quality standard

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BENEFITS
+ Excellent price/performance ratio
+ Rapid format and product change-over results in high annual yields
+ Easy continuous use
Productivity and flexibility

**Practical, high-performance rotary tablet press**
- 2200i tablet press with exchangeable turret
- Electrical cabinet with modern computer architecture
- Operating terminal

**Optional accessories and process equipment**
- Stearate distributors
- Vertical deduster
- In-Process control of diameters, thickness, weight and hardness of the tablet
- Handling system for turret exchanges
- Wide range of turrets for different types of application
- In-process control units
- Tablet distribution units
- METALCHECK (Testing and sorting of metal contaminated tablets)
Productivity and flexibility

Increased productivity through exchangeable turrets
+ Reduction of down-time through use of an extra turret, complete with cams and punches
+ Increased annual yield through optimization of the interchangeable turrets
+ Hard-chrome plated or stainless steel turrets are available as options
  – increased resistance to abrasion
  – increased resistance to chemicals
  – reduced roughness, smoother surfaces
  – improved and faster cleaning (washable)
+ Quick adjustment to highly varied production conditions
+ A wide range of tablet formats for single-layer applications possible
Modular machine design
+ Maximum operating security
+ Maximum working safety
+ Enclosed compression compartment (reduces noise and dust)
+ Extended maintenance intervals
+ Modular design with separation into four sections:
  – head section
  – compression area
  – middle area
  – drive area
+ High-performance torque drive unit
+ Two-circuit lubrication with two lubrication units
Easy machine operation
+ Ergonomic, height-adjustable operating terminal with 15" touchscreen
+ Screen layout with clear structure for intuitive learning
+ Structured diagnostic messages for easy operation and maintenance
+ 9 different user levels available for security
+ Windows embedded operating system
+ Uninterruptible power supply, prevents data loss
# Technical Data

**Die (D) / Segments (S)**

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<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Number of punch stations</td>
<td>47</td>
<td>43</td>
<td>36</td>
<td>30</td>
<td>22</td>
<td>66</td>
<td>45</td>
<td>36</td>
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<tr>
<td>Punch type</td>
<td>FS19®/EU19</td>
<td>FS19®/EU19</td>
<td>FS19®/EU19</td>
<td>EU1®/EU1®-441</td>
<td>EU35</td>
<td>FS12®</td>
<td>FS19®/EU19</td>
<td>EU1®/TSM1®</td>
<td>EU1®-441</td>
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<tr>
<td>Tablet output units/h</td>
<td>min.</td>
<td>42,300</td>
<td>38,700</td>
<td>32,400</td>
<td>27,000</td>
<td>19,800</td>
<td>59,400</td>
<td>40,500</td>
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<tr>
<td></td>
<td>max.</td>
<td>338,400</td>
<td>309,600</td>
<td>259,200</td>
<td>180,000</td>
<td>105,600</td>
<td>475,200</td>
<td>324,000</td>
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<td>Max. compression force 1* (kN)</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>33</td>
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<td>Max. compression force 2* (kN)</td>
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<tr>
<td>Max. tablet diameter (mm)</td>
<td>11</td>
<td>13</td>
<td>18</td>
<td>25</td>
<td>34</td>
<td>11</td>
<td>18</td>
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<td>Max. filling depth (mm)</td>
<td>20</td>
<td>20</td>
<td>20</td>
<td>22</td>
<td>26</td>
<td>22</td>
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<td>Pitch circle diameter (mm)</td>
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<td>Turret rotation speed (min⁻¹)</td>
<td>min-1</td>
<td>15</td>
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<td>Die diameter (mm)</td>
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<td>24</td>
<td>30.16</td>
<td>38.1</td>
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<td>Die-/segment height (mm)</td>
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<td>Punch shaft diameter (mm)</td>
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<tr>
<td>Punch length (mm)</td>
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<td>Upper punch insertion depth (mm)</td>
<td>1–4</td>
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<tr>
<td>Dimensions (mm)</td>
<td>1,220 x 1,220 x 2,022</td>
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<td>Weight (kg)</td>
<td>Tablet press 3,200 – 3,500 kg, operating terminal 100 kg, switch cabinet 350 kg</td>
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<td>Electrical supply parameters</td>
<td>Operating voltage 400 – 480 V, 50/60 Hz, power consumption 11.5 kW</td>
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Theoretical values or technical limits: These can vary in practice, according to product and application. Tablet thickness is a size dependent on product and can strongly vary.

* limited by punch properties

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