Double sided rotary press
P3030
- Exchangeable turret
- Productive, precise, safe and robust
- Capability for single- and double-layer tablets
- Double sided rotary press with up to 79 punch stations
- Computer-controlled, user-friendly, high-performance rotary press
- More than 1 million tablets per hour possible
- Wide range of accessories and peripherals
Medium to large sized batches – single- and double-layer tablets

The production of medium and large sized batches requires equipment with advanced safety measures and technology. At the same time the increasing costs of raw materials necessitate companies to look for more economical options when purchasing capital equipment. Resulting from this situation the challenge for Fette Compacting is clear: to offer a machine with the flexibility, technology and performance only achievable with Fette Compacting components at an economically viable price.

The P3030 is the perfect answer to these requirements. It provides renowned Fette Compacting technology at the best price/performance ratio. The P3030 is an economical solution that doesn’t compromise the standards and quality of the basic Fette Compacting components.

The success of the P3030 is due to the perfect blend of technology and efficiency on which Fette Compacting has built its reputation.
Productivity, Flexibility – P3030

Superior performance
+ Capable of more than 1 million tablets per hour
+ Designed for medium and large batches
+ Highest level of format flexibility
+ From 37 up to 79 stations possible

Double sided discharge
+ Two fill hoppers
+ Identical stations for pre and main compression with up to 100 kN (10 t)
+ Two tablet discharge chutes

Exchangeable turret for increased productivity
+ Turret can be removed including all cams and punches
+ Reduced downtimes through the use of a second turret
+ Increased annual yield through the use of the optimum turret for the tablet diameter

Optional accessories and peripheral devices
+ Stearate spraying system
+ Handling system for turrets
+ Interchangeable turrets available in D, B, BB or larger
+ Integrated switch cabinet with VME bus computer

Easy machine operation
+ State of the art separate operating terminal
+ User-friendly operating panel with integrated 15" touchscreen
+ Screen-guided operation with clear structure for intuitive learning
+ Fault rectification through structured information
+ Online help
+ All production-relevant data permanently available
+ Different user levels possible
+ Windows XP© operating system
Structure – P3030

+ Ease of access – large window flaps on all four sides
+ Dust-tight sealed pressing area
+ All compression stations of the same construction and the same size
+ Adjustment of the upper compression rollers through an eccentric unit
+ Precise turret mounting
+ Strict separation of drive and compression areas
+ Modular design separated into four sections
  – head section
  – compression chamber
  – middle section
  – drive area
+ Smooth surfaces – easy to clean
+ Hermetically sealed switch cabinet integrated into the press
  – no extra switch cabinet required
  – very low space requirement
  – dust-proof setup, GMP conform
+ Direct control of all motor-driven adjustments on the press
Space requirements – P3030

Terminal: 80 kg

Machine: 4600 kg

Deduster: 250–800 m³/h

Air inlet: 700–900 m³/h

Main 400/440/480 V – 50–60Hz

Connection: 4x6mm² – on floor

4x10mm² – cable conduit

Foundation loading: 4x12 kN

Required floor space for change of turrets

In- and outlet air for motor cabinet

Mains

Cable L=3m
**Technical Data – P3030**

<table>
<thead>
<tr>
<th>NUMBER OF PUNCH STATIONS</th>
<th>79</th>
<th>73</th>
<th>61</th>
<th>49</th>
<th>49</th>
<th>37</th>
</tr>
</thead>
<tbody>
<tr>
<td>Punch type</td>
<td>EU19</td>
<td>EU19(TSM19)</td>
<td>EU19(TSM19)</td>
<td>EU19 (TSM1)</td>
<td>EU 1&quot; -441</td>
<td>EU35</td>
</tr>
<tr>
<td>Tablet output/h</td>
<td>284,400</td>
<td>131,400</td>
<td>109,800</td>
<td>88,200</td>
<td>88,200</td>
<td>66,600</td>
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<tr>
<td>min.</td>
<td>1,004,880</td>
<td>700,800</td>
<td>585,600</td>
<td>470,400</td>
<td>470,400</td>
<td>266,400</td>
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<tr>
<td>max.</td>
<td>502,440</td>
<td>350,400</td>
<td>292,800</td>
<td>235,200</td>
<td>235,200</td>
<td>133,200</td>
</tr>
<tr>
<td>Bi-Layer max.</td>
<td>502,440</td>
<td>350,400</td>
<td>292,800</td>
<td>235,200</td>
<td>235,200</td>
<td>133,200</td>
</tr>
<tr>
<td>Max. compression force kN</td>
<td>100*</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Max. pre-compr. force kN</td>
<td>100*</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
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<tr>
<td>Max. tablet diameter mm</td>
<td>11</td>
<td>13</td>
<td>16</td>
<td>25</td>
<td>25</td>
<td>34</td>
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<tr>
<td>Max. filling depth mm</td>
<td>18</td>
<td>18</td>
<td>18</td>
<td>22</td>
<td>22</td>
<td>26</td>
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<tr>
<td>Max. tablet thickness mm</td>
<td>8.5</td>
<td>8.5</td>
<td>8.5</td>
<td>8.5</td>
<td>8.5</td>
<td>8.5 (11)</td>
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<tr>
<td>Pitch circle diameter mm</td>
<td>680</td>
<td>680</td>
<td>680</td>
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<td>Die diameter mm</td>
<td>22</td>
<td>24</td>
<td>30.16</td>
<td>38.1</td>
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<td>52</td>
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<tr>
<td>Die height mm</td>
<td>22.22</td>
<td>22.22</td>
<td>22.22</td>
<td>23.8</td>
<td>23.8</td>
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<tr>
<td>Punch shaft diameter mm</td>
<td>19</td>
<td>19</td>
<td>19</td>
<td>25.35</td>
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<tr>
<td>Punch length mm</td>
<td>133.6</td>
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<td>133.6</td>
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<tr>
<td>Upper punch penet. depth mm</td>
<td>2–4**</td>
<td>2–4**</td>
<td>2–4**</td>
<td>2–4**</td>
<td>2–4**</td>
<td>2–4**</td>
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<tr>
<td>Weights</td>
<td>Tablet press approx. 4800 kg · Operator terminal 80 kg · Integrated switch cabinet 350 kg</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Power supply data</td>
<td>Operating voltage 380 – 520 V, 50/60 Hz · Total fusing 35 A/6 · Power consumption 13 kW</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Tools only allow 70 kN max. Experience has shown that the highest outputs cannot be achieved when running large tools and deep fill.

** at 2-layer or 1-layer

Due to technological advances we reserve the right of alteration.
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