

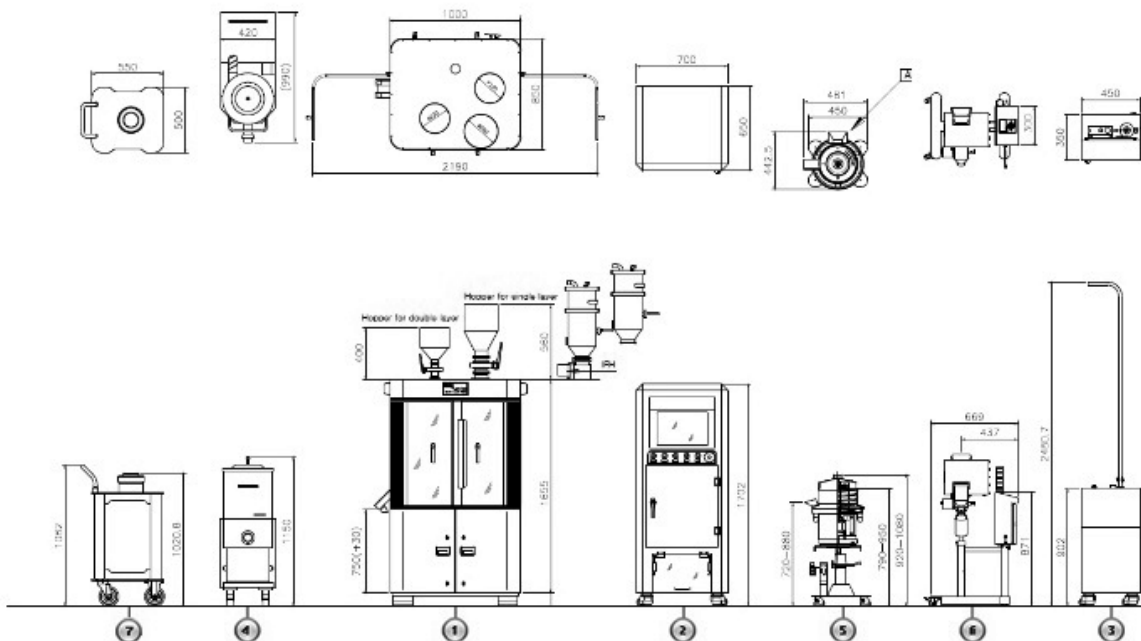
PR-1600 Series Rotary Tablet Press



The PTK PR-1600 is a tablet press capable of producing single or double layer tablets. It is the ideal system for both R&D and small batch size production.

Layout Drawing

- 1. Main Machine
- 2. Control Cabinet
- 3. Powder Loader (option)
- 4. Dust Collector (option)
- 5. Deduster (option)
- 6. Metal Detector (option)
- 7. Turret Table - 2set (option)



| Specification | | | | |
|--------------------------------------|---|-----------------------|-----------------------|-----------------------|
| Number of Punch Stations | <i>22</i> | <i>27</i> | <i>32</i> | <i>34</i> |
| Punch / Die type | <i>D</i> | <i>B</i> | <i>BB</i> | <i>BBS</i> |
| Max. Main Compression Force | <i>80 kN</i> | <i>80 kN</i> | <i>80 kN</i> | <i>80 kN</i> |
| Max. Pre Compression Force | <i>20 kN</i> | <i>20 kN</i> | <i>20 kN</i> | <i>20 kN</i> |
| Max. Output | <i>132,000 tabs/h</i> | <i>172,800 tabs/h</i> | <i>208,800 tabs/h</i> | <i>223,200 tabs/h</i> |
| Max. Filling Depth | <i>18 mm</i> | | | |
| Max. Tablet Thickness | <i>8.5 mm</i> | | | |
| Upper Punch Insert | <i>1 - 4 mm</i> | | | |
| Pitch Circle Diameter | <i>315 mm</i> | | | |
| Turret Speed | <i>5 - 100 rpm</i> | <i>5 - 120 rpm</i> | <i>5 - 120 rpm</i> | <i>5 - 120 rpm</i> |
| Max. Tablet Diameter (round) | <i>25 mm</i> | <i>16 mm</i> | <i>13 mm</i> | <i>11 mm</i> |
| Max. Tablet Diameter (shape) | <i>25 mm</i> | <i>19 mm</i> | <i>14 mm</i> | <i>12 mm</i> |
| Machine Dimension | <i>850 * 1,000 * 1,735 mm</i> | | | |
| Cabinet Dimension | <i>700 * 650 * 1,700 mm</i> | | | |
| Maching Weight | <i>2,700 kg</i> | | | |
| Cabinet Weight | <i>120 kg</i> | | | |
| Power Supply Data | <i>220/380/400/415/440/460 Vac 3Ph 50/60 Hz</i> | | | |
| Control Power | <i>24 Vdc</i> | | | |
| Double layer tablet | | | | |
| Max. 1st Compression Force | <i>20 kN</i> | <i>20 kN</i> | <i>20 kN</i> | <i>20 kN</i> |
| Upper Punch Penetration Depth | <i>1 - 8 mm</i> | <i>1 - 8 mm</i> | <i>1 - 8 mm</i> | <i>1 - 8 mm</i> |
| Turret Speed | <i>5 - 40 rpm</i> | <i>5 - 50 rpm</i> | <i>5 - 50 rpm</i> | <i>5 - 50 rpm</i> |
| Max. Output | <i>52,800 tabs/m</i> | <i>81,000 tabs/m</i> | <i>96,000 tabs/m</i> | <i>102,000 tabs/m</i> |