

ZPW21A(B) Rotary Tablet Press



This machine is designed for pressing tablets from various kinds of granular materials.

As its feature, the machine can press not only round tablets but also different geometrical shape tablets, double-layer and annular tablets. The tablets may have the impressed letters on both sides. The turret carries 21 sets of movable-punches and dies. So, 21 tablets press will be pressed for each revolution of the turret.

Operating principle:

During operation, the depth of the filling material and the thickness of the tablets can be adjusted. The pressure for tablet pressing is set by the hydraulic drive system and a pressure gauge is attached to the system to show the pressure value. A overload protection unit is included in the system to avoid the damage of the punches and apparatus when overload occurs. The machine stops automatically.

New type ZPW21A and ZPW21B is designed to meet the GMP standard. ZPW21B is an improved version of ZPW21A. Its pressing area is sealed with four polymath methacrylate doors to be isolated with outside environment. The material contact parts are made of stainless steel and their surface is specially antisepticed to avoid pollution.

Technique parameter:

Dies (sets)	ZPW-21A(B)
Max. Pressure (kn)	80
Max. dia. of tablet (mm)	20
Max. Depth of fill (mm)	18
Max. Thickness of largest table (mm)	9-12
Production capacity (pcs/h)	15000-45000
Motor power (kw)	5.5
Overall size (mm)	900*800*1640
Weight (kg)	1200