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ProTab ST-8/ST-14

Rotary Tablet Press



ProTab

Tablet press-bench top
-medium production



Easy
To Use

Max Tablet
Diameter
25MM

Up To
42000
Tablets

ProTab is a bench top rotary press developed to be used in R&D, laboratories and for medium production batches. The **ProTab** has been designed and manufactured according to CE and GMP rules. Easy to clean and simple to set up, it is designed to fit into a containment isolator systems. The unit can operate from 1 set to a full set of punches.

Available in 2 models:

ProTab ST-14: 14 stations handling punches up to 25 mm in diameter

ProTab ST-8: 8 stations handling punches up to 25 mm in diameter

Models

ProTab ST-8

ProTab ST-14



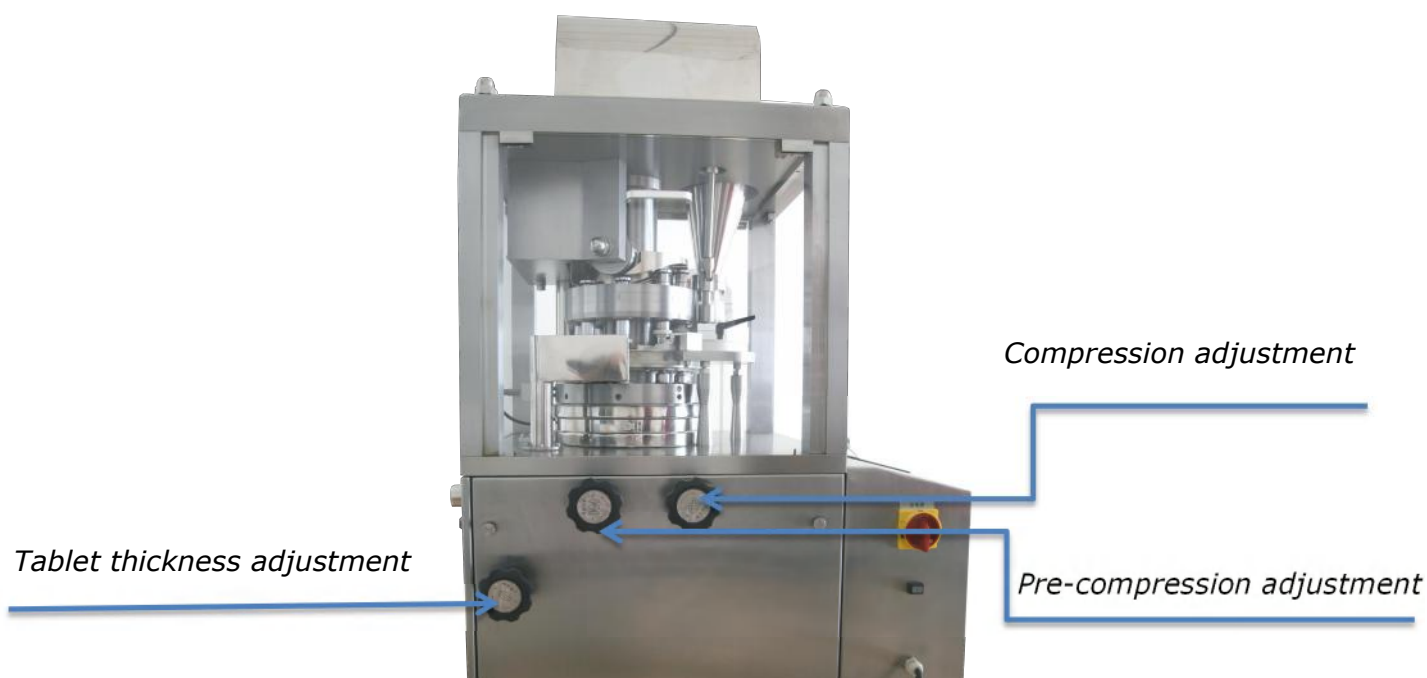
Our instrumented version provides the user with the ability to study the products. The curves displayed allow the evaluation of the quality of the compactness of the powders' granules and therefore the compression force necessary to obtain the requested hardness. It features using load cells and dwell time:

- Upper/lower compression
- Pre-compression
- Compression time/ejection force

ProTab ST-8/ST-14 WIP:

Completely washable. It has been designed to process HPAPI and it is suitable to all kind of containments systems (flexible or solid).

Features



- Turret made in stainless steel AISI 316 L (central section in contact with the product) and iron casting (upper and lower sections).
- Sturdy of compact design and with high versatility
- Independent weight and hardness adjustments
- The unit allows to operate from 1 to full set of punches
- Toolings are compatible with any D serie of International or European standard
- Speed adjustable from control panel
- Pre-compression
- Easy access to all parts of the machine through eight doors
- Quick tools change size in less than 30 minutes
- All parts in contact with the product are made in stainless steel AISI 316 L
- Machine manufactured to accomplish GMP rules and CE standard
- Electric parts on machine board

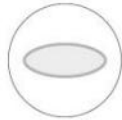
OPTIONS

- Rotary forced feeder
- Suction aspirating pump

Combinations

POSSIBLE FILLING COMBINATIONS (OVER 30)

FLAT-FACED



Standard

Oval

Triangle

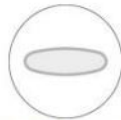


Arc triangle

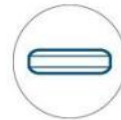
CAPSULE



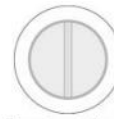
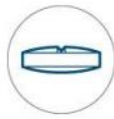
Capsule



Modified capsule



STANDARD CONVEX



Bisect not flush



Quadrisect flush

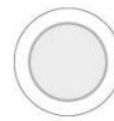
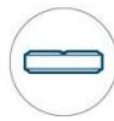
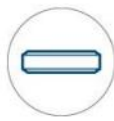
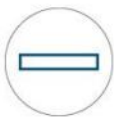


Straight through bisect



MODIFIED BALL

SHAPED CONVEX



Plain



Bevel edged



Bevel edged bisect



Bevel edged quadrisect

Gallery



View of powder hopper and carousel

Pre-compression counter roller

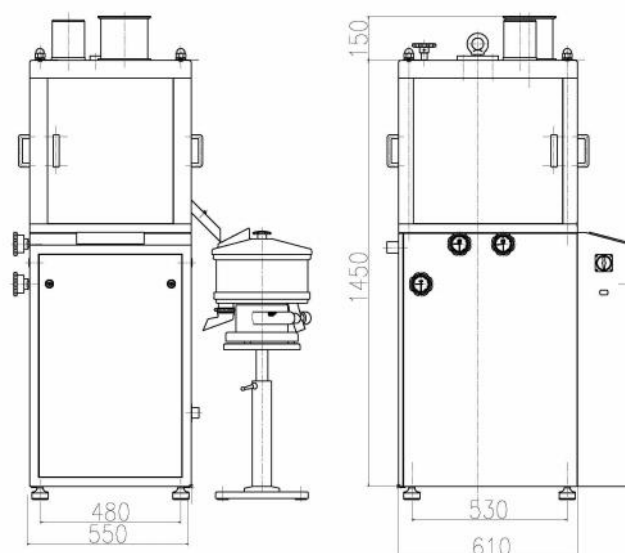


Lubricating oil parts

Tooling



Technical Data



Technical Data	ProTab ST-8	ProTab ST-14
Stations number	8	14
Maximum tablet diameter	25mm	25mm
Pre-compression force	15KN	15KN
Maximum compression force	80KN	80KN
Depth of fill	20mm	20mm
Tablets/hour	24,000	42,000
Upper punch penetration	8mm	8mm
Feed	Open feed frame or forced feeder	
Tooling	D	D
Speed control	Inverter	
Main motor	380V 50/60HZ 2.2KW 3phase	
Net weight	1000kg	
Gross weight	1100kg	
Machine's dimensions	835×705×1650	

SaintyCo also offer:

Fluid-Bed Processors

High Shear Mixer Granulator

Roller Compactor

Blister Packing Solutions

