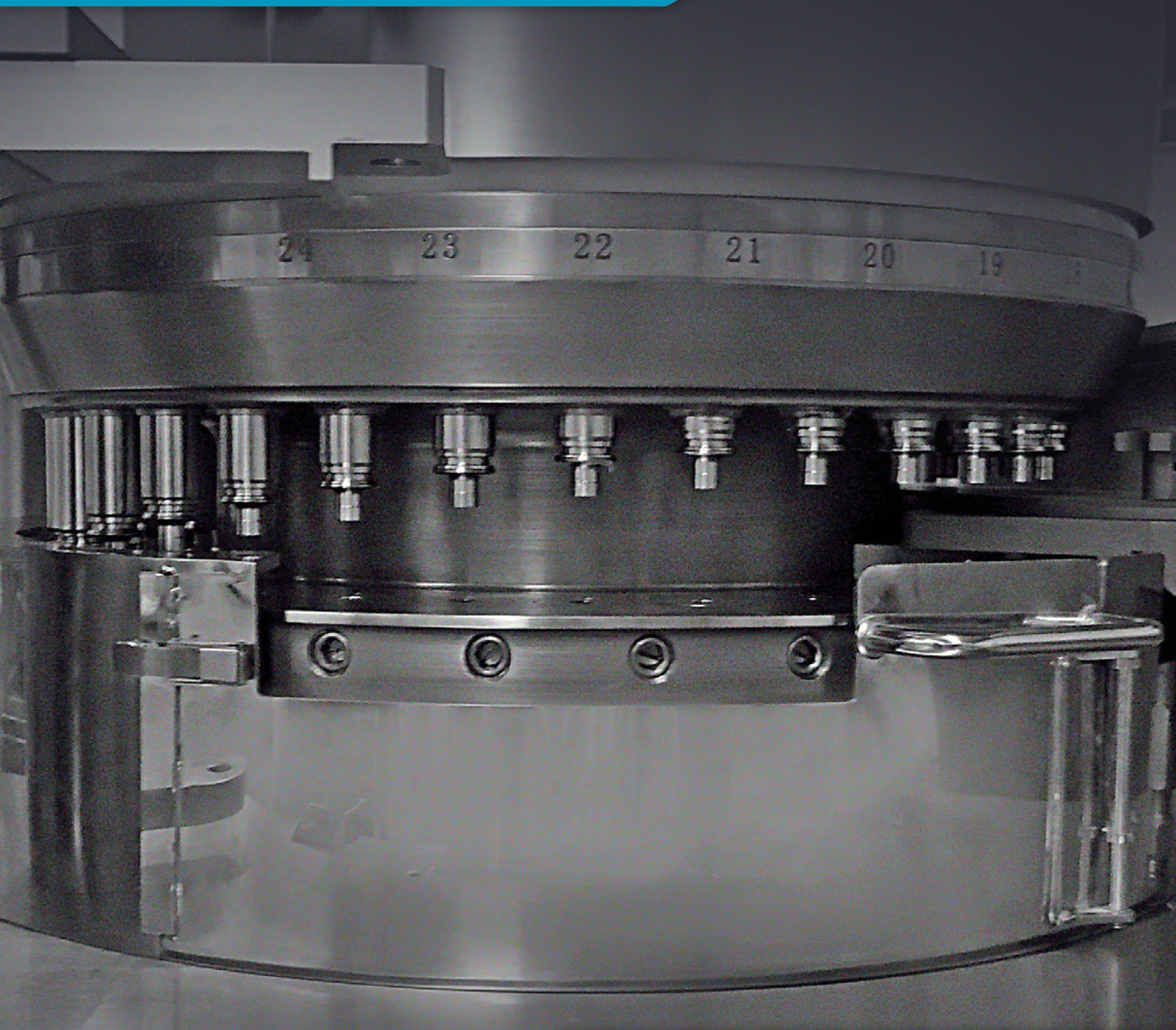


SOLID DOSE

TABLET PRESS MACHINE S SERIES



CIMA[®]
Industries Inc.
Pharmaceutical Equipment



S250 TABLET PRESS

The new S250 has been developed to enhance the concept of flexibility and automation of the proven S250 tablet press, well known for its robustness and reliability. The new version combines established technology with the latest controls and an interchangeable turret.

SIMPLE HANDLING

The machine is user friendly. Operators with experience on existing machines are able to handle new S250, while a standard training course is sufficient for effective tablet manufacturing. The software has been designed in a simple and self-explanatory manner, enabling operators to handle the machine efficiently and safely.

MODULAR PACKAGES

Available in two versions:

- Traditional
- Classic

As standard each version includes a number of functions each one with different options to satisfy current market requirements.

AUTOMATED OPERATION

The new S250 is controlled by the newest computerized system entirely remote from the visual system. The HMI (Human Machine Interface) is fully integrated and linked with a controller.

The automation of the new system also offers the following advantages.

- Display of the pre and main pressure penetration
- Recipe, batch date, alarm, error messages
- Wall dimension pre-pressure/main pressure measurement
- Fill depth measurement and display
- Pre-pressure and main pressure values (individual and Srel)
- Tooling format details
- Weight (optional)
- Diagnosis and error messages-easy maintenance
- Fill shoe speed
- Tablet output

ROBUST AND COMPACT DESIGN

The machine has a very compact design. There is no external electrical cabinet as the electronic components are included in the machine housing as a result of which less space is required in the production room. Additionally the machine can be easily moved.



TURRET CHANGE

The upper machine head can be lifted to ease turret removal. This operation is carried out in a short time; the turret can be removed simply and quickly. Afterwards it can be swung out and positioned on a trolley.



S250C TABLET PRESS

S250C model is upgraded from S250 and still with interchangeable turret.

OPTIMIZED FUNCTION

Adopt reinforced frame design, more stable running under high stress with wider range of application.
Adopt Germany brand IPC with fast response speed & high reliability.

BETTER CONSTRUCTION

- All-in-one machine design, move conveniently.
- Back positioned electrical cabinet with more Operation space in front.
- Controlled by cantilever screen structure, can multidirectional rotating, avoid accidental injury.
- Unique oil scrapper design with better scrapping result.
- Optimize feed structure with short transmission distance, free maintenance.
- Interchangeable turret, internal module can be lifted, simple operation in short time.

BETTER SEAL

Gas spring lock+double mechanical lock, higher safety.
The entire silicon sealing strip, sealing effect is better.

BETTER OUTLOOK

New design with modern outlook, friendly HMI.

POWERFUL MONITOR FUNCTION

- Display pre and main pressure bar chart
- Automatically control tablet weight through pressure
- Upper punch tightness
- Tablet jam
- Pre and Main pressure tablet thickness
- Monitor lubrication oil pressure
- Monitor single tablet ejection
- Monitor pressure overload
- Monitor motor overload



S250 TECHNICAL PARAMETERS				
Number of press stations	44	40	32	26
Tool type	EU-B/IPT-B			BJ-D/IPT-D
Maximum tablet diameter (mm)	11	13	16	25
Maximum output (tables/hour)	297,000	270,000	216,000	175,500
Maximum die filling (mm)	16			20
Maximum precompression force (kn)	40(50)			
Maximum compression force (kn)	80			100
Standard Voltage	440/60 220/60			
Compressed air	100 L7Min 0.6 – 0.8 MPa			
Consumption (kw)	22			
Weight (kg)	1,925 (S250)		2,800 (S250C)	
Closed size (LXWXH mm)	1320 x 1020 x 1998 (S250)		1463 x 1580 x 2081 /S250C)	
Opened size (LxWxH mm)	2198 x 2124 x 2307 (S250)		2473 x 2307 x 2172 (S250C)	



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