

# CPR-18

Tablet press - bench top - medium production



A BENCH TOP ROTARY TABLET PRESS AVAILABLE IN 2 MAIN VERSIONS **D-8** OR **B-10** (B&D VERSION AVAILABLE UPON REQUEST). THE **CPR-18** HAS BEEN DESIGNED AND COMPLETELY MANUFACTURED IN ITALY ACCORDING TO CE AND GMP RULES. IT IS USED FOR R&D LABS AND PILOT OR SMALL SCALE PRODUCTION BATCHES. EASY TO CLEAN AND SIMPLE TO SET UP, IT IS DESIGNED TO FIT INTO A CONTAINMENT ISOLATOR SYSTEMS (CPR-18 WIP). THE UNIT CAN OPERATE FROM 1 SET TO A FULL SET OF PUNCHES.

D-8  
HOURLY OUTPUT

UP TO  
**14500**  
TABLETS

B-10  
HOURLY OUTPUT

UP TO  
**18000**  
TABLETS

USABILITY:

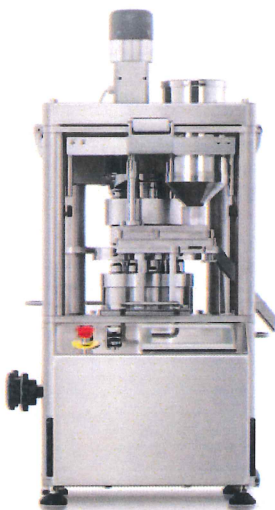
**EASY  
TO USE**

# CPR-18

## MODELS

### CPR-18

The standard model is supplied in 2 versions: D-8 or B-10 (B&D version available upon request). **The D-8 unit has 8 stations handling up to 22mm diameter punches. The B-10 handles up to 16mm diameter punches.** It has an independent weight and hardness adjustment. Easy access to all parts of the machine - quick tooling changeover in < 20mins. Rotary force feeder and suction vacuum pump available.



### CPR-18 INSTRUMENTED

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

Tablet sorter available

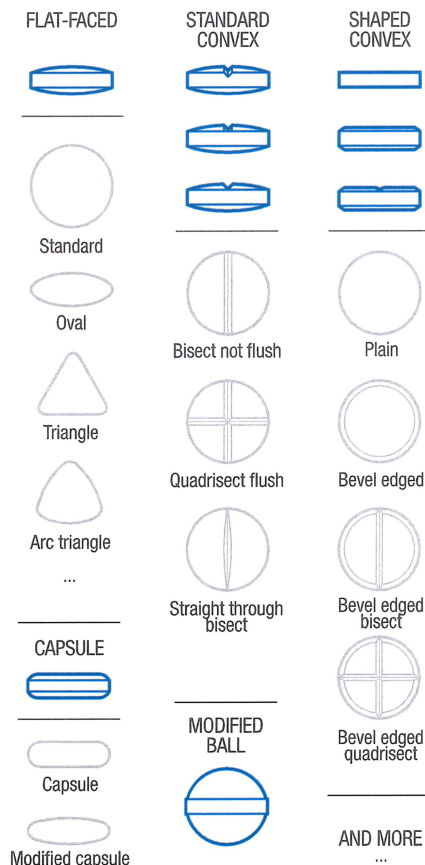
### CPR-18 WIP

The IP65 version of the standard model. Completely washable. It has been designed to process HPAPI and it is suitable to all kind of containment systems (flexible or solid).

### CPR-18 WIP ISOLATED

The WIP model + the containment system. A complete solution to process HPAPI and flexible versions are available. Our system can achieve OEB5/OEL<1µG/M3 standard.

### POSSIBLE TABLETS SHAPES (OVER 30)



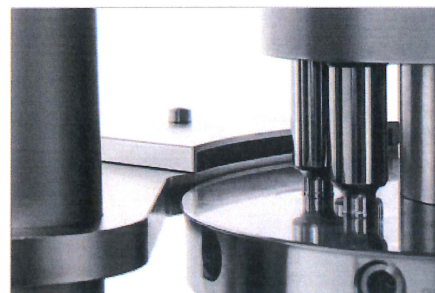
## TECHNICAL DATA

CPR-18 INSTRUMENTED - CPR-18 WIP ISOLATED - CPR-18 WIP

	MODEL B-10	MODEL D-8
• NUMBER OF STATIONS	10	8
• MAXIMUM TABLETS DIAMETER	16 mm	22 mm
• PRE-COMPRESSION FORCE	0,5 ton	0,5 ton
• MAXIMUM COMPRESSION FORCE	6 t	6 t
• DEPTH OF FILL	17,4 mm	17,4 mm
• TABLETS/HOUR	2.000/18.000	2.000/14.500
• UPPER PUNCH PENETRATION	5 mm	5 mm
• FEEDER TYPE	Open feed frame or forced feeder	
• TOOLING	B	D
• SPEED CONTROL	Variable through inverter	
• MAIN MOTOR	2,5 HP	2,5 HP
• NET WEIGHT	340 kg machine + 95 kg carriage	
• SIZE	650 x 750 x 1750 H. mm	



precompression - compression - ejection



aspiration