

## CleanLine CL5



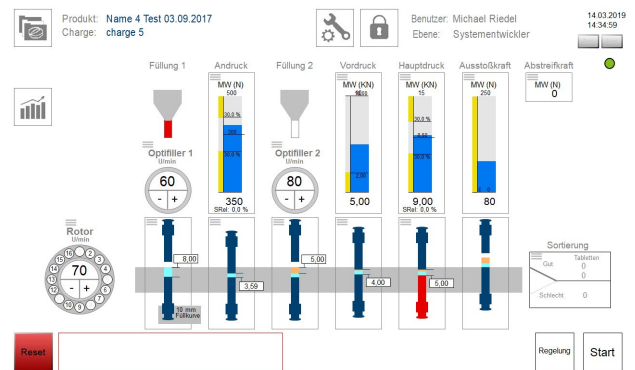
The rollable **CL5** was developed by us for the economical production of small and medium batches, the scale-up operation and the clinical sample preparation.

# Details

## CleanLine CL5

We particularly focused on performance and flexibility with a small footprint as well as precise filling and weight accuracy at every tableting speed.

The complete operation takes place via the display of the functional sequence on a 19" screen. Thus, the operator immediately has an eye on where an adjustment of the parameters is necessary.



Our intuitive software (developed and programmed by Luxner) offers, among other things, password log, error log, event log, recipe management, automatic versioning of the recipes, batch log, press force control, single sorting and network connection.

If the machine is equipped with all optional measuring points (main compression force, pre-compression force, ejection force, take off force), it can also be used for data acquisition for scale-up operation.

In addition, it complies with 21 CFR Part 11.

With the use of vibration damping and lockable heavy duty castors, the CL5 is easy to move and adapt to variable requirements. Last but not least, the new design will convince you of this machine at a demonstration.

# Technical Data

Turret type	BB	B	D	Kombi	FlexAdapt
Tool stations	22	20	16	8/8	16
Tool type	EU-BB	EU-19 TSM-19	EU-1" EU1"441 TSM-1"	EU-BB/EU-1" EU-19/EU-1" EU-BB/EU-1"441 EU-19/EU-1"441 TSM-19/TSM-1"	EU-BB/EU-1" EU-19/EU-1" EU-BB/EU-1"441 EU-19/EU-1"441 TSM-19/TSM-1"
Main compression force max.	60 kN				
Precompression force max.	10 kN				
Die table revolutions	15-100 R/min				
Tablet output (Single tip tooling)	19.800- 132.000 Pcs./h	18.000- 120.000 Pcs./h	14.400- 96.000 Pcs./h	7.200- 48.000 Pcs./h	14.400- 96.000 Pcs./h
Filling max.	22 mm				
Tablet diameter max.	16 mm	19 mm	25 mm	according tool type	according tool type
Punch separation max.	10 mm				
Pitch circle diameter	230 mm				
Upper punch penetration depth	3 mm				
Dimensions	Width: 960 mm, Width with screen 1330 mm, Height: 1960 mm, Depth: 1060 mm				
Weight	appr. 1300 kg				
Power supply	Operating voltage 400 V, 3Ph+N, 50 Hz; Fuse protection 25 A; Power requirement 6.5 kW				
Noise level	< 70 dB(A)				

# Our entire portfolio

## Tablet presses

CleanLine CL1	Single punch press for initial tests, but also demonstrates its advantages in feasibility studies, clinical studies or small batches
CleanLine CL5	Developed by us for the economical production of small and medium batches, the scale-up operation and the production of clinical samples.
RoTab T	R&D and small batch production - batch sizes from 50 grams up to 50 kilograms, rotary tablet press
RoTab Bilayer	BiLayer rotary tablet press, equipped with extensive R&D and production functions
Pre owned machines	Pre owned machinery sales Pre owned machinery purchase

## Service

Maintenance	Maintenance on tablet presses of all manufacturers for eccentric and rotary tablet presses
Calibration	Calibration on tablet presses of all manufacturers including documentation
Repair	Both individual defective parts as well as assemblies are repaired Wear and spare parts service for mechanical and electrical components
Overhaul	Complete disassembly and general overhaul of the machine Dismantling and assembly at a fixed price
Retrofitting	Measuring points - Single sorting - Safety installations Touch operation - Sensors - Housings - Peripheral equipment - Feeders
Training	Operator training for repetition and consolidation of knowledge around the machine and tableting
Qualification	Creation of IQ/OQ documents Assistance in execution

## Equipment

TabCon Series	Display, regulate, control, document: The retrofit package for older tablet presses
TabCal 50	Calibration device for your tablet presses: Forces, distances, speed, pressure
DataEvaluation +	Allows the evaluation of the data obtained from our machines or from the TabCon Series in the simplest and most reliable way