Technical specification

The roller compactor is only suitable for compacting of dry powder, which for Pharmaceuticals is processed.

Fabricant	**Roller compactor**
Machine type	CP 1000
Year built	2022
Roll diameter	250 mm
Roller width	100 mm
Roller surface	knurled
Roller speed	1-25 U/min
Press force	1 - 20 kN/cm
Roller gap variable	1.0 - 6.0 mm
Fine-granulator diameter x length	Ø 250 mm x 240 mm
Maximal amount (Lactose)	400 kg/h
Mesh size from the granulator-screens	0.8 / 1.0 / 1.25 / 1.5 / 2.0 mm
Machine weight	1'800 kg
Ground load	980 kg/m^2
Power 3 Phase	400 V / 50 Hz
Current fuse on site	64 A
Frequency	50 Hz
Rated current	44A
Capacity	ca. 25 kW
Short-circuit current	20ka
Protection class	equivalent to IP 64
Temperature	15-35°C
Humidity	20-60%
Noise level	Max. 75 dB (without product)
OEL Level	-
Connection	USB printer port
Connection	Optional Com 1 (remote service)
Product feeding (inlet feed hopper)	DN 250 mm
Product discharge (outlet hopper)	DN 250 mm
Dimension H x W x D (without control panel)	221cm x 115cm x 180cm

Information in this document is proprietary. This document is not to be reproduced either wholly or in part without the express permission of FAYTEC AG