

QI-300

TABLET PRINTER



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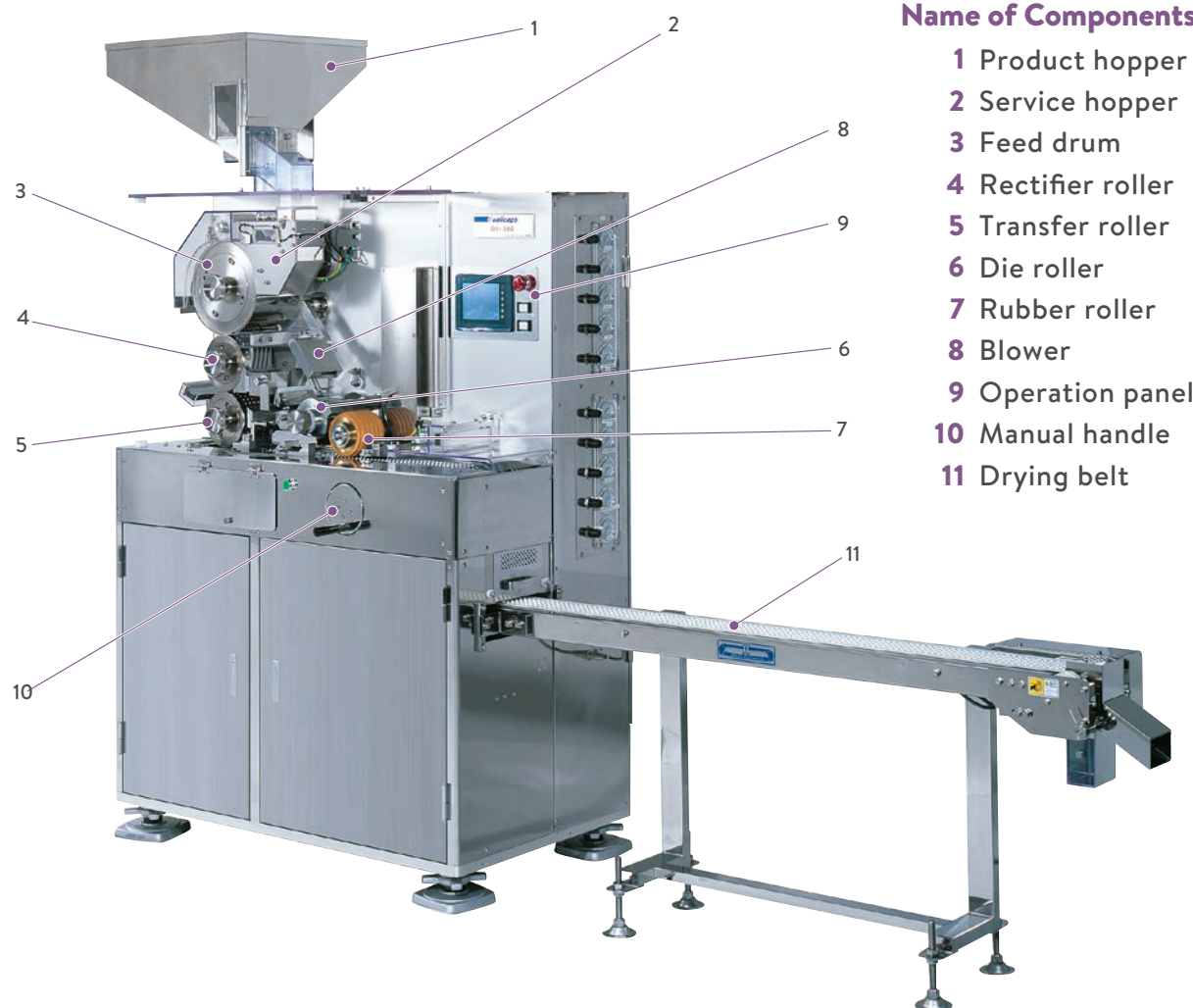
THE KAITEKI COMPANY
Mitsubishi Chemical Holdings Group

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Qualicaps *Engineered
to perform*

THE KAITEKI COMPANY
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TABLET INPRINTING MACHINE QI-300



Name of Components :

- 1 Product hopper
- 2 Service hopper
- 3 Feed drum
- 4 Rectifier roller
- 5 Transfer roller
- 6 Die roller
- 7 Rubber roller
- 8 Blower
- 9 Operation panel
- 10 Manual handle
- 11 Drying belt

Major Features

- Reasonable price
- Compact design incorporating a control panel into the main unit
- Compact, yet high in processing performance (a capability of 300,000 tablets/hour is achievable in the case of round standard tablets)
- High processing efficiency offered by compact machine components
- High quality and excellent processing capability with a high rate of supply of tablets
- High-quality printing with a horizontal imprinting scheme
- Machine structure consisting of GMP-compliant materials
- Prevention of fouling with ink by aligned-tablet conveyance with a drying belt

Features



Vertical Supply

The machine uses our original vertical supply pocket scheme. Thus, a stable rate of supply can be obtained and non-uniform printing due to the presence of missing tablets can be prevented.



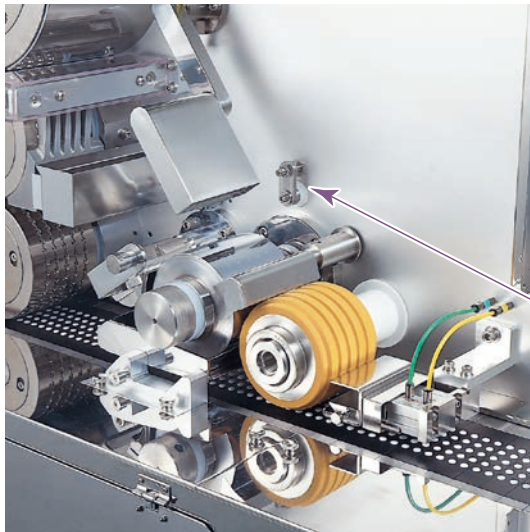
Correction of orientation

Tablets that have been transferred vertically from the feed drum are corrected by guides to horizontal orientation. The use of the appropriate guides also allows the orientation of non-round tablets to be corrected without a problem.



Transfer roller

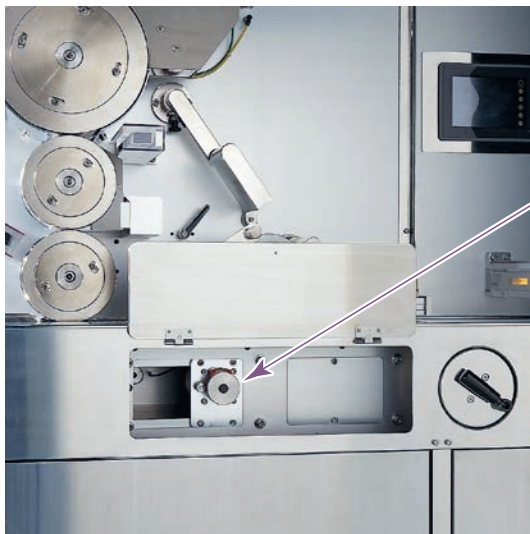
This roller transfers orientation-corrected tablets to printing slats while maintaining the tablets horizontally.



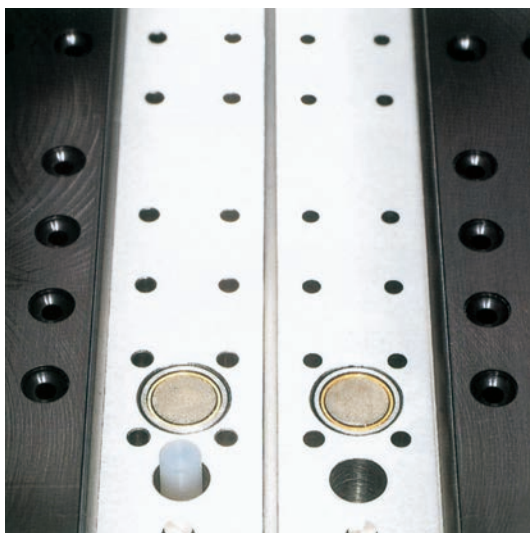
Conveyance and Printing

A slat-based horizontal conveyance method agreeable to the particular shape of the tablets is employed to ensure stable transfer and high print quality. The printing position for the tablets can be adjusted easily by operating the required knob and/or adjusting the position of the nut.

Printing position adjust nut
(for axial position adjustment)



Printing position adjust knob
(Adjusting the direction of travel)



Slat Mounting/Removal

The single-touch method that uses permanent magnets and air cylinders minimizes the time required for replacement of slats during tablet type changing or during cleaning.



Inversion roller

Printed tablets are removed from the slats by the inversion roller and then transferred onto the drying belt.



Drying belt

Since tablets are conveyed in aligned form, their fouling with ink due to contact between them can be prevented.



The control panel is contained in the main unit.

Specification

Name	Tablet Printer
Model Number	QI-300
Production capacity	250,000 pcs/hour(depends on shapes of dosage form)
Applicable dosage form	Sugar-coated and film-coated tablets, Soft-gels Across 5~10.5mm, Thick 2~5mm (Please contact us about special sizes)
Electricity	3phase AC200V±10% 10A(3.5KVA) 50/60Hz
Compressed air	0.5MPa 0.7m³/min
Vaccum	-19.6kPa 10.5m³/min
Installation enviroment	Temperature 18-28°C Humidity 45-65%RH, no condensation
Overall dimension	Width 2,281 × Depth 660 × Height 2,078 (including hopper) mm
Weight	About 1,000 kg
Noise during operation	Up to 85dB(A)

*The above specifications and capacities are subject to change without notice for reasons that include technological improvement.

Overall size

