Innoket Roland

Roland 4/2 and 8/4 labellers for cylindrical and shaped containers

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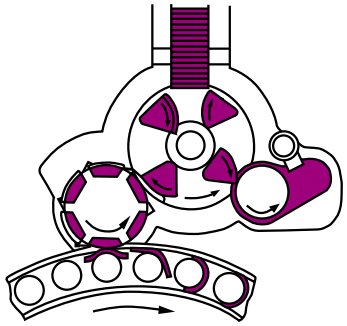


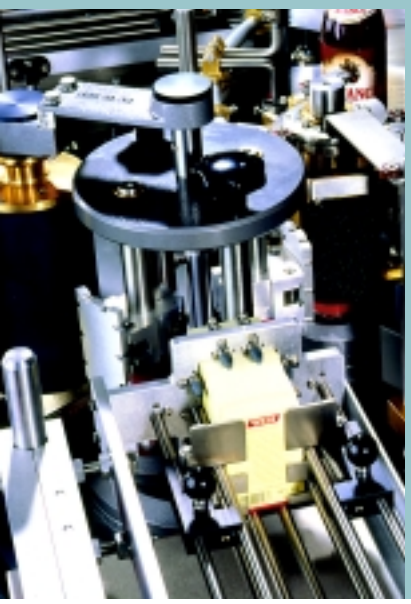
Roland 4/2 and 8/4 – for perfect labelling of cylindrical and shaped containers

for body, shoulder, back and neckring labels and as seals and strips

How do the Roland 4/2 and 8/4 work?

A worm separates the containers before they are fed by an infeed star to the carousel. Labels are removed from the stationary label magazine by a thin film of glue applied to the glue pallet. A gripper drum picks up the glued labels and glues them at the precise location on the containers.

Brushes and rollers reliably fix the positions. The bottles are firmly clamped during the labelling process to ensure perfect labelling precision.



What advantages do the Roland 4/2 and 8/4 offer you?

__Precision alignment of all container shapes.
Round containers can be aligned in the infeed star by means of a nose or notch. Shaped containers are aligned in the carousel by means of bottle platforms with sinking device
This enables you to apply labels to flat, oval, round, and rectangular containers exactly where your designer wants to have them

__The patented label magazine is stationary
Simple label replenishment during labeller operation

__The labelling station rests on a compound slide
Label positions can thus be easily and quickly corrected

__The flexible rotary plate control enables forward and backward rotation and subsequent changes
The most demanding of dressings can be applied to practically any container shape

__The rotary control cam is divided
You can process container shapes subsequently included in the program by simply changing cams

__The change parts have glue segments with dovetailed guide
Exact horizontal adjustment of the label position is possible

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__Spring-loaded grippers with metal anvils in the gripper drum
Gentlest possible label treatment. No imprints on labels

__Simple, quick exchange of change parts without tools
Trouble-free processing of various bottle and label sizes. Time-saving changeover. Flexible machine use

__Bottle guiding elements made of durable plastic
Low-noise operation. Maintenance-free

__Safety switches with emergency stop functions located at potentially dangerous positions
No damage caused by containers or broken glass

__Frequency controlled, infinitely adjustable main drive
Automatic adaptation to required output ranges

__Vibration-free, non-corrosive design.
Stainless steel and high-grade plastics
Long service life. High machine availability

__Easily accessible smooth, stainless steel base plate
Easy cleaning

__Permanently lubricated bearings used whenever possible
Next to no servicing effort and cost

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Which is the right Roland for you?

Technical specifications		Roland 4/2	Roland 8/4
Nominal capacity (bph)			
Body, shoulder	from	1,000	2,000
	to:	4,500	9,000
Back, neckring	from:	1,000	2,000
	to:	3,800	7,000
Label width [mm]	min.	25	25
	max.	140/190	140/190
Label height [mm]	min.	15	15
	max.	317	317
Labelling area above container bottom [mm]	from:	3	3
	to:	320	320
Container Ø or width [mm]	min.	40	40
	max.	120	120
Container height [mm]	min.	40	40
	max.	360	360
Conveyor belt height ± 50 mm		900	900
Number of bottle platforms in carousel		4	8
Graduate circle Ø [mm]		480	480
Pitch [mm]		377	188,5
Number of possible labelling stations		2	2
Number of positions in gripper drum		2	4
in segment drum		2	4
Space requirements [mm]:	length:	3,400	3,400
	depth:	1,700	1,700
	height:	2,200	2,200
Worm length [mm]		490	490
Motor capacity [kW]		1.1+0.55	1.1+0.55
Compressed air per station		4 bar, 15 m^3/h	4 bar, 15 m^3/h
Weight [kg]		1,200	1,200
Coding possible (extra charge)		yes	yes
Explosion protection possible (extra charge)		yes	yes

The ratings are maximum values and depend on the container and label formats.

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