

# Stroke applicators HQ 4024

- As much as 90 percent savings of compressed air
- Labels applied onto variable heights using one tamp pad

Labels are applied in real time onto packages of different heights.

A spring-mounted tamp pad enables labels be applied reliably even onto inclined surfaces. Three types are provided for labels as high as 40 mm to 100 mm, 150 mm and 200 mm. Labels may be 50 mm to 105 mm wide in each case.

Labels are sucked by an electrically driven fan.  
Only the stroke cylinder requires compressed air.



4.9



## Accessories

### 5.14 Unit to regulate compressed air

## Options

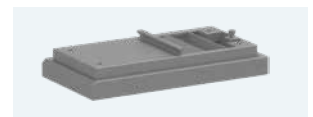
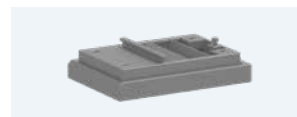
### 5.17 Pressure-reducing valve

| Stroke applicators                                  |                    | HQ 4024 L/R-200                         | HQ 4024 L/R-300 | HQ 4024 L/R-400 | HQ 4024 L/R-600 |
|-----------------------------------------------------|--------------------|-----------------------------------------|-----------------|-----------------|-----------------|
| Distance of a package to the bottom of the unit     | up to mm           | 135                                     | 235             | 335             | 535             |
| Package heights                                     | variable           | ■                                       |                 |                 |                 |
| Alternation in the heights of packages              | mm max.            | 100                                     | 200             | 300             | 500             |
| Label applications                                  |                    | from the top, from below, from the side |                 |                 | from the top    |
| State of a package at the moment a label is applied | at rest            | ■                                       |                 |                 |                 |
| Controls                                            | Sensor 1           | initial / upper end position            |                 |                 |                 |
|                                                     | Sensor 2           | label on tamp-on pad                    |                 |                 |                 |
|                                                     | Sensor 3           | label application / lower end position  |                 |                 |                 |
| Consumption of power                                | W max.             | 30                                      |                 |                 |                 |
| Compressed air                                      | bar                | 4.5                                     |                 |                 |                 |
| Cycle rate <sup>1)</sup>                            | labels/min approx. | 30                                      |                 |                 |                 |

<sup>1)</sup> calculated using a stroke of 100 mm below the unit, labels 40 mm high, a print speed of 100 mm/s

### Tamp-on pad, spring-mounted

Labels are precisely tamped onto plane surfaces.



| Tamp-on pad, spring-mounted |           |    | 4024-3000 105 x 100 | 4024-3000 105 x 150 | 4024-3000 105 x 200 |
|-----------------------------|-----------|----|---------------------|---------------------|---------------------|
| Label                       | Width     | mm | 50 - 105            | 50 - 105            | 50 - 105            |
|                             | Height    | mm | 40 - 100            | 80 - 150            | 120 - 200           |
|                             | Thickness | µm | 110                 | 110                 | 110                 |