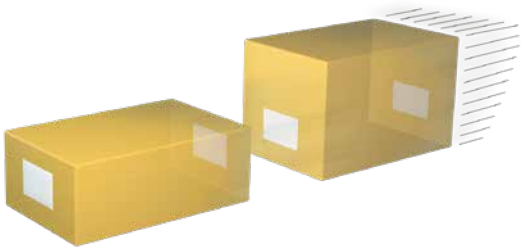
Package marking

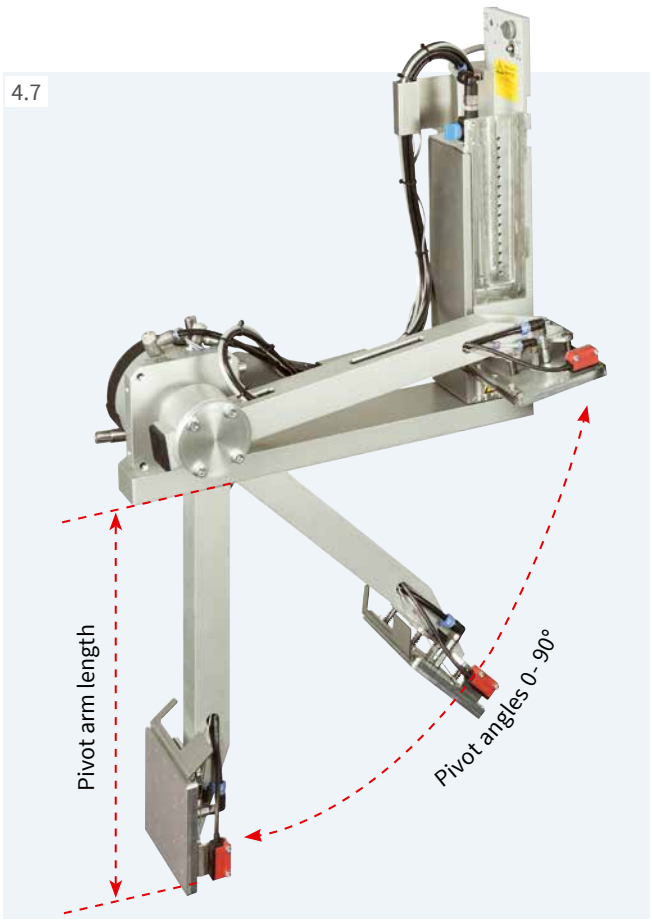
Front side applicators 3014, 3016

Labels can be applied in real time from the top or the side to packages in motion. Front sides or back sides of a package are preferred.

The pad locates in front of the peel-off plate. It picks up a label while it is being printed. The label is transferred to a product with the help of a rotary cylinder. The package is detected by a sensor and the pivot arm with the pad returned to its initial position.



4.7



Accessories

5.13 **Blow tube**

5.14 **Unit to regulate compressed air**

Tamp-on pad
Labels are precisely tamped on plane surfaces. Recessed levels are possible as well.

Tamp-on pad, spring-mounted
Labels can be applied to surfaces inclined by a maximum of 15°. Heights within the area of a label may vary by 10 mm at most.

Blow-on pad
Labels are blown on a package surface by a blast of air, bridging a distance of 5 to 10 mm.

			Tamp-on pad	Tamp-on pad, spring-mounted	Blow-on pad
Technical data			**3014, 3016 L/R 1100**	**3014, 3016 L/R 3100**	**3014 L/R 2100**
Label widths operating a	HERMES Q4/Q4.3	mm	25 - 114	80 - 114	25 - 114
	HERMES Q6.3	mm	25 - 174	80 - 174	-
Label heights operating a	HERMES Q4/Q4.3	mm	8 - 250	80 - 250	10 - 100
	HERMES Q6.3	mm	25 - 250	80 - 250	25 - 100
State of a package at the moment a label is applied		at rest	■		
		in motion	■		
Label applications		from the top	■		
		from the side	■		
		from the front	■		
		from the back	■		
Package heights		variable	■		
Pivot arm lengths[1]		mm	200 / 300 / 400		
Pivot angles			0 - 90°		
Compressed air		bar	4.5		
Cycle rate[2]		labels/min approx.	15		

[1] Pivot arm length defines the spot of a label (lower margin) to be reached at 90° below a HERMES Q footprint.
[2] calculated using a pivot arm 200 mm long, labels 100 mm high, a print speed of 100 mm/s