

# DG-20.M – fact sheet

Challenging materials like beer bottle neck foils, slippery plastic substrates or heavily embossed labels with very tight borders require a counter pressure punching system. The DG-20.M is the manual fed counter pressure base model which is expandable to a semi or fully automated system.

Highest accuracy is always guaranteed with Blumer's counter pressure system. Because of the precise fitted and centrally adjustable counter pressure plate in the punching die, the pillowing effect of spongy material can be avoided.

Tolerances from the top to the bottom label within a stack can be eliminated in a significant manner with a counter pressure system. The fact that the labels get discharged opposite of the loading area, the machine is in spite of the counter pressure system still very fast.

The DG-20.M, being the central unit of Blumer's well-proven automatic counter pressure punching system, can be upgraded to an Atlas-1140-DUAL, an Atlas-1120 DUAL or to a fully automatic Atlas-1110 DUAL.



## DG-20.M – Technical data



Loading



Counterpressure Punching

### Label sizes:

Precut label size min.	55 x 55 mm
Precut label size max.	170 x 215 mm
Punched min. size	50 x 50 mm
Punched max. size	166 x 211 mm

### Further details:

Stack height min. / max.	40 / 120 mm
Min. trim per side (punching waste)	2 mm
Machine strokes per minute	8 – 10
Machine control	PLC (B&R)
Electrical connection	400V 3.N.PE 4 kVA
Air consumption incl. 30% reserve	6 bar dry air 13 m <sup>3</sup> /h
Air connection	½"
Floor layout of the machine approx.	1400 x 2800 mm
Weight net / gross approx.	800 / 900 kg