

Fact Sheet



Atlas 40

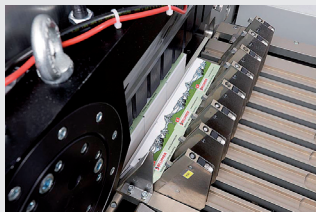
A machine with a lot of potential for any converter producing cut-to-stack products with regular guillotines. Placed in-line with any existing cutting machine, the Atlas-40 improves the cutting productivity in a very significant manner. The guillotine operator cuts the reams into strips only, which is easy to handle and comfortably done within a few minutes. Then the strips get moved individually, or as an entire load onto the in-feed table of the Atlas-40. From there the following steps are fully automated (without an operator): buffering, separating in 1-4 strips (depending on strip width), cutting and banding with 1-4 banding heads.

In order to achieve the highest degree of accuracy, the strips are always guided and held down during the cutting process. Because of the bleed, most sheet layouts require space cuts, which are easily programmable. Ionized air avoids static problems whenever plastic substrates are processed.

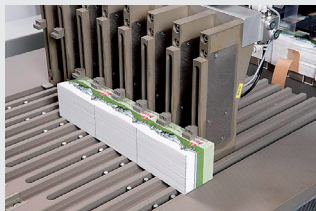
Compared with the performance of regular guillotines, the throughput with an attached in-line Atlas-40 can easily be 300% higher, with less people involved. Regardless if small- or large label sizes, if paper- or plastic materials, this is a very comprehensive solution to improve the cutting and banding process. Additionally, the fact that the Atlas-40 can be upgraded with the large size counter pressure punching machine DG-35 – for large size shaped labels - makes this machine even more versatile.



Strip stack infeed



Cross-cutting



Stack transfer



Banding

Atlas 40, Technical data

Strip formats

Strip lengths min./max.	350 / 1150 mm
Strip width min./max.	65 / 426 mm
Numbers of strips per cut	1 - 4 (total max width 426 mm)

Label sizes

Cut size min.	25 x 65 mm
Cut size max.	245 x 426 mm

Others

Stack height min/max	40 / 120 mm
Intermediate trim cut	2 - 50 mm
Trim cut	2 - 50 mm
Rest cut (Gripper)	25 - 50 mm
Label stacks per minute	7 - 11 multiplied with number of strips
Banding stations	4, bandwidth 25 mm
Machine control	PLC (B&R)
Electrical connection	400V 3.N.PE 12 kVA
Air consumption incl. 30% reserve	6 bar dry air 70 m3/h
Air connection	1/2"
Floor layout of the machine approx.	3800 x 3800 mm
Weight net/gross approx.	3100 / 4100 kg
Automatic Punching device	Interface to DG-35.M available