



Offline blanking station for  
cartons cards and labels

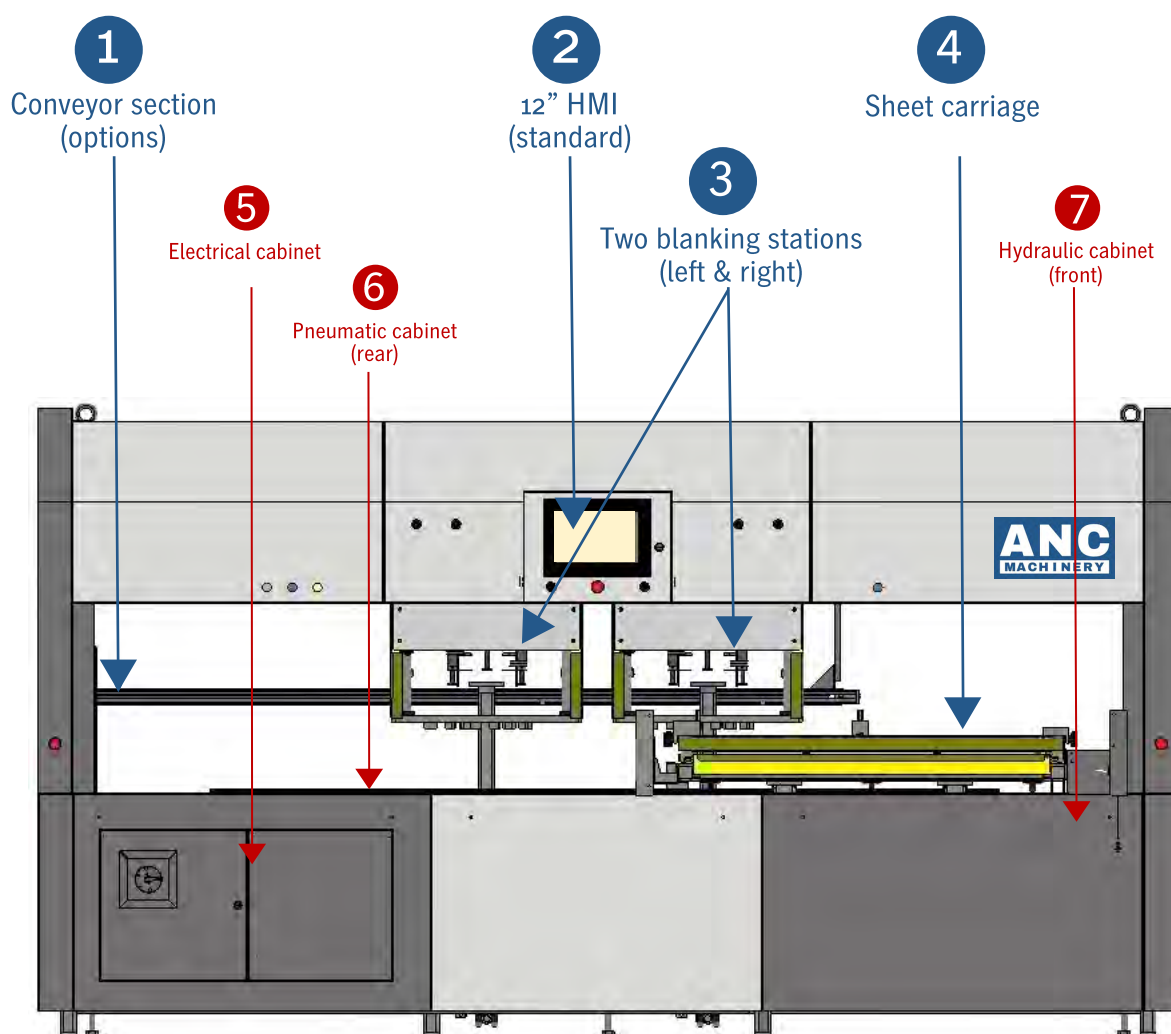
# ANC BMS-106



Safety • Reliability • Support

# Features of the BMS-106

Sheets processed per hour	6,000-8,000 sheets
Maximum stack height	85mm
Maximum sheet size	1060 x 1060mm
Stacks punched per minute	15+ Single or double cut dieline
Options	Secomea remote connection • Laser safety scanner Choice of conveyor configurations Window/hole remover function • MIS/ERP integration



See opposite page for further information on features 1-4 above

# Resolve hand-stripping issues with a highly-productive offline blanker

1

The conveyor is offered in three configurations: a straight belt to length required; our standard 90° bend roller unit; and a high-quality 90° modular belt for maximum product stability during transit.

Bespoke configurations (to include banding or shrink-wrapping, for instance) are also possible. Pictured: 90° modular belt (left), standard 90° roller (right)



2

Powered by an Omron NX PLC and a programme written in the UK, our 12" Omron HMI touch screen shows exactly what the machine is doing during any procedure. This is very easy for the operator to follow.

The full diagnostic messaging also enables any issues to be identified quickly. With a Secomea remote monitoring device fitted, we can also dial in at any time and provide uploads, patches or full programmes.

The PLC programme includes features such as a 'jump' mode for jobs where rows of product are not divided equally, and a memory for saving 500 job configurations, giving quicker set-up on repeat work. Pictured: 12" HMI showing Manual-mode screen



3

The BMS features two separate punching stations for continuous blanking of composite sheets or where rows of cartons are alternately oriented for nesting. Our quick-fit templates make set-up very simple and is further aided by the 500 job memory within the PLC programme.

In full Auto mode, the automatic gripper removes each stack after blanking and places it onto a conveyor then deliver it back to the operator for packing. This means the BMS is a true blanking station that can be managed by one worker, processing up to 8,000 sheets per hour.

Pictured: left station with wooden template fitted, ready for blanking



4

The sheet carriage firmly holds the pile of sheets and moves each individual stack into the correct position for blanking. Servo motors ensure smooth movement and complete accuracy of positioning. In this way the pile is not 'pushed' around the bed of the table as with some similar machines - which risks bunching and stopping the process - but is moved swiftly along each row of blanks. Pictured: a pile of sheets held in the sheet carriage



All of our machines are built strictly to CE regulations, achieving PLd (SIL2) conformity. We work closely with safety experts within Omron to ensure safety compliance, and the BMS-106 features a main PLC and a safety-monitoring PLC from Omron and other devices from market-leading safety equipment suppliers such as Leuze and Schneider.



# About us

We are all about offline blanking machines, and have been since the early 1990s. We have manufacturing facilities in Japan and the United Kingdom. Our machines are sold directly by us and through our supply partners Heidelberger Druckmaschinen (under the Kawahara brand name) and Daiso Europe for DACH sales of the BMS-106.

Our machines can be found in every corner of the packaging world, processing all types of products. So, if you have a hand-stripping problem, or in-line blanking is not appropriate for your business, maybe we can help.

## The 3 cornerstones of our business

### Safety



At ANC we place safety at the very top of our manufacturing design work, and we make no excuses for promoting it at every opportunity.

All of our machinery is built firmly within CE standards of safety compliance, and we use only quality components from market leaders in safety electronics, including Omron and Schneider. But we go even further - specifying tri-rated parts throughout our electrical systems in order to satisfy UL standards for American customers.

If you are serious about the safety of machinery in your workplace, then look no further.

### Reliability



A machine is only as reliable as the care that has been taken to manufacture it. The BMS-106 starts with a robust PLC programme - written in the UK - which offers the operator an immediately familiar and intuitive experience. Backed by a 12" Omron HMI, instant on-screen diagnostics, and the option of a remote monitoring device for quick online patching or updating, we believe there is no other machine of this type that has better software integrity.

Our electrical, hydraulic and pneumatic systems have all been designed in the UK with close attention to safety compliance as well as ease of operation.

### Support



Our 5-day commissioning service includes a comprehensive training programme to allow your operators to get the best use from the BMS-106. And our support continues long after the sale: spare parts, technical advice and remote diagnostics are all available quickly from our UK and Germany teams. New recruits that need training can be arranged either in our training facility in the UK or onsite in your factory.

Every machine has its own comprehensive Technical File (an important CE requirement), an Operation Manual in your preferred language, and machine customisation in your chosen language for all fascia plates and machine labels.

## Contact us

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