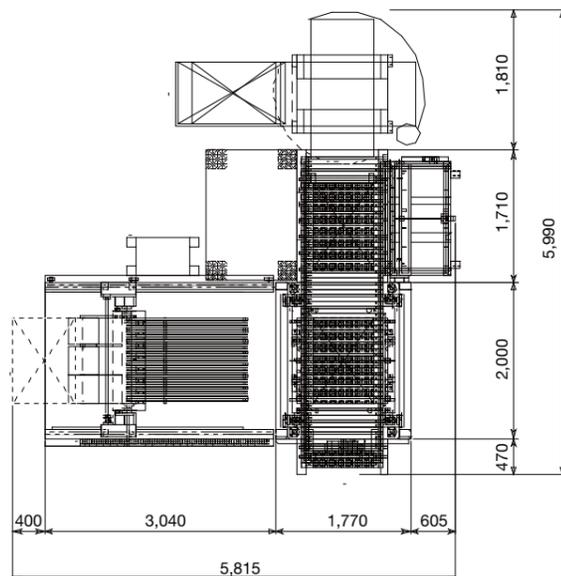


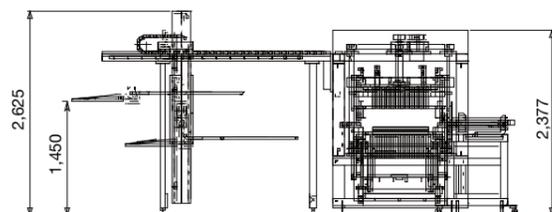
MASTER BLANKER CBL

High-Speed Automated Blanking System

High-speed blanking
for a wide variety of products,
from paper packages to trays



Automatic palletizer (automated loader)



Maximum loading height = FL + 1,450 mm

CBL-LV (new model)

Model:	CBL-LV
Main unit weight:	7,850 kg
Main unit overall size:	5,990 mm (W) x 5,815 mm (D) x 2,625 mm (H)
Power requirements:	3-phase, 3-line 200 V AC, 15 kVA; main breaker: ELB60AT; D-class ground
Air consumption:	Blow amount 400 l/min.; blow pressure 0.5-0.7 mpa
Optimal usage temperature:	5°C-35°C
Optimal humidity:	10% - 80% (no condensation)
Noise level:	Less than 80 dBA
Punch work dimensions:	800 mm x 1,100 mm (max.) / 400 mm x 400 mm (min.)

Control system:	FANUC
Upper pin diameter:	6 mm (optional replacement pins: 4 mm)
Lower pin diameter:	13 mm
Number of upper pins:	3,961
Number of lower pins:	1,496
Distance between upper pins (vertical):	13.856 mm
Distance between upper pins (horizontal):	8 mm
Distance between lower pins (vertical):	24 mm
Distance between lower pins (horizontal):	25.4 mm

Other product lineup variations to be offered.

Modifications and improvements available on consultation (see examples below):

- Positioning on the right or left
- Pitless lifter
- Height adjustment
- Expanded work stage
- Waste conveyor
- Roller conveyor
- Side output + product conveyor
- Rear-side product output mechanism
- Image sensor for confirming the paper stopper direction
- Other various added sensors



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Our One-of-a-Kind Blanking System Is Now Even Faster.

High-Speed Automated Blanking System MASTER BLANKER CBL

The Master Blanker CBL is a new high-speed blanking system that features automated removal, which used to be done by hand.

This easy-to-operate machine includes features like a conveyor system and a new layout, to allow just one operator to do all the work from blanking to job changes by themselves.

The Master Blanker CBL can be used for speedy handling of multi-product, small-lot production needs, such as paper packages, cartons, transparent packaging, mounting paper, and trays.



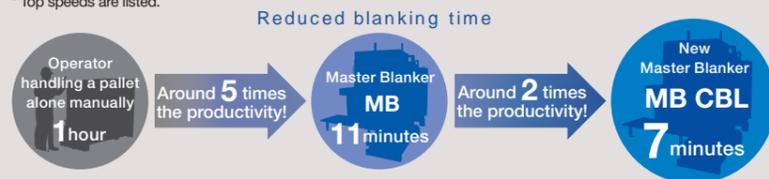
Some specifications are optional.

High speed

Work at twice the speed with the new conveyor system

We worked for more than three years to develop a revolutionary and unique new conveyor system. Each conveyor separately carries products for blanking, enabling significant reduction of waiting time and quick setup. The takt time for all waste removal tasks is around 25 seconds* on this new model, compared with 43–50 seconds required by previous models. Previously, it took about 11 minutes per pallet (approx. 1,400 mm tall); but the new model can do it twice as fast at 7 minutes, 30 seconds*.

* Top speeds are listed.



Narrower intervals between the lower pins, for better pressing stability.

The spacing between the lower pins has been reduced from 26 mm to 24 mm, in order to increase the number of lower pins from approx. 1,300 to 1,450. This design allows for more stability from below when pressing products, reducing the number of stroke marks.



Approx. 1,300

Approx. 1,450

Improved paper stopper reduces workload during operations.

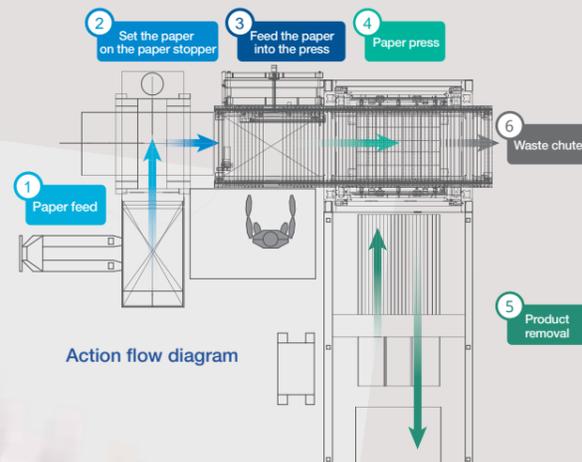
The paper stopper part has been changed to a movable type, which reduces inconsistencies in jobs. The paper stopper can be set in front for smaller-sized jobs. This eliminates the need to stoop down when working, making the operator's work easier.



High productivity

Easy operations with new machine layout

The machine is laid out so that the products that have been blanked are stacked up to the side where the operator sets up the jobs. This eliminates the previous need to go back and forth or to enlist the help of another worker. The work on the finished products can be checked on the side, with only a minimum amount of movement required by the operator. This new layout offers a huge increase in both work efficiency, providing improved safety.



Special rubber prevents scratching and bent corners on the printed side.

Special rubber is now a standard feature on the removal belt for the automatic palletizer, to handle delicate work. This prevents bent corners and scratches on the back side of the product, reducing waste and eliminating unnecessary production costs.



Servo motor realizes rapid operations, in step with the main unit's processing speed.

A new servo motor is now used to control the automatic palletizer. This allows for the loading and waiting positions to be detected, reducing inefficient motion. A new LM guide mechanism is also used.

