

Multi Blanking Machine Series

3 configurations for optimal Efficiency and Flexibility in your Production line.



Multi Blanking Machine SH
SH540
Single Head



Multi Blanking Machine RH
RH540
Rotating Head



Multi Blanking Machine TH
TH540
Twin Head

Multi Blanking Machine

Multi Blanking Machine Series

Powerful blanking system ideal for short-mid run production for the packaging, carton market.

MBM is ideal for short-mid sized lot's, capable of blanking various patterns and sizes with high levels of precision.

MBM series is a blanking machine for small-mid production lot's, capable of blanking packages, cartons, cardboard, and other materials. With a robust machine body ensuring stability and servomotor coupled with a ball screw linear drive system for high precision, MBM achieves a high level of reliable performance.



Main specifications of MBM

Freely Arrangeable Blanking Pins

Various shapes and sizes can be blanked by simply re-arranging the blanking pins.



Automatic Material Transfer

After the material is blanked, MBM automatically slides the blanks for efficient continuation of the blanking process.



Ball Screw Linear Motion Drive System

MBM utilized a ball screw linear drive for more accurate, reliable and smooth blanking operation.



Equipped Standard with Safety Sensors

When the safety sensors located on both sides are obstructed during the initial material set or pickup post blanking, the machine will stop, and resume once the obstruction is cleared. Conveyor belt system may be added as an option (please inquire for specifics).



Automatic pick-up + belt transfer (Option)

Rotating Head (RH Model)

THE ONLY Rotating Head Blanking machine on the market today.



Our newest addition to our offline blanking lineup, RH model's are designed specifically for blanking nested designs. The rotating frame and pin system cut operator set up time in half compared to the Twin head variant allowing

For more efficient and faster blanking. Rotating can also be paused for blanking non-nested sheets as well.

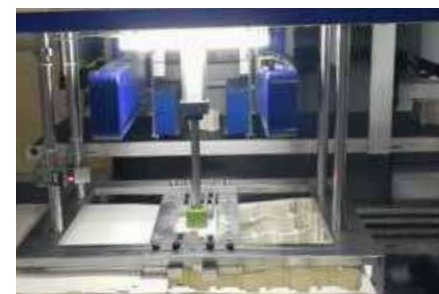


Optional Conveyor system for increased Productivity



Conveyor system can be added to MBM for increased efficiency and further reduction of labor on the operator. Conveyor hands are easily adjustable to handle various material sizes and shapes.

Minimum and maximum material size which can be handled by the conveyor hands will slightly vary from the max. and min. blanking size of the machine. Please refer to the specification sheet for details.



Single Head (SH Model)

A single-head model for blanking single design sheets. The machine is easy to set-up and operate.

Twin Head (TH Model)

A twin-head model is suited for blanking designs with up to 2 patterns on a single sheet. The material will automatically slide onto the 1st table for blanking, then automatically slide onto the 2nd table for blanking the 2nd design.

The machine can also be equipped with a conveyor system.



Pallet Assist

Pallet Assist automatically lifts the pallet to a pre-set height for easy offloading or loading. The lifter can be set to automatically raise the material to the desired height, or lower post-blanking during the offloading process.



Specifications

Product Code	SH-540 Single Head	SH-540-H Single Head with Conveyor	TH-540 Twin Head	TH-540-H Twin Head with Conveyor	RH-410 Rotating Head	RH-410-H Rotating Head with Conveyor	RH-540 Rotating Head	RH-540-H Rotating Head with Conveyor
Max. sheet size (mm)	1100x800							
Min. sheet size (mm)	440x385							
Material loading size (mm)	50~100							
Material thickness	≥ 150 gsm							
Blank speed (cycles/min)	15~25							
Power consumption	10kw							
Required air	0.7mpa 400L/min							
Max. blank size (mm)	540 x 410	540 x 410 Conveyor 350 x 300	540 x 410	540 x 410 Conveyor 350 x 300	410 x 410	410 x 410 Conveyor 350 x 300	540 x 540	540 x 540 Conveyor 350 x 300
Min. blank size (mm)	50 x 50	50 x 50 Conveyor 100 x 100	50 x 50	50 x 50 Conveyor 100 x 100	50 x 50	50 x 50 Conveyor 100 x 100	50 x 50	50 x 50 Conveyor 100 x 100
Machine size (mm) (L) (W) (H)	3350 x 1800 x 2100	3510 x 2400 x 2100	4200 x 1800 x 2100	4450 x 2400 x 2100	3350 x 1800 x 2160	3520 x 2900 x 2160	3500 x 1800 x 2160	3680 x 2900 x 2160
Weight (ton)	4	4.5	5	5.5	4	4.5	4.5	5