

BLANKWISER OFFLINE STRIPPING & BLANKING SOLUTIONS

Duplex | Laminated | Metpet | Rigid Box Board | Single Cut | Double Cut
Unique Layouts | Straight Wall | Double Wall | Lock Bottom | 4/6 Corner
Special Shapes | Ice Cream Lids | Tags | Food Packaging



- ✓ The maximum sheet size of 1060 X 1060 mm for more flexibility
- ✓ Pile does not touch the table. Clean process
- ✓ Tool type blanking to enable separation of even complex designs
- ✓ Pile loaded on carrier to ensure stable blanking of multiple ups (even up to 250 ups)
- ✓ Robust construction
- ✓ Precise - 10 micron position accuracy
- ✓ Separate window hole remover
- ✓ Robotic pick-up arms with straight conveyor
- ✓ With built in waste collector for shop floor hygiene

BLANKWISER



Pile Loading & Navigation

- ✓ Pile loaded in carrier - no bottom scratches or contamination
- ✓ No need to clean table between blanking cycles
- ✓ High end servo motors and drives
- ✓ Position accuracy - 10 microns
- ✓ Sensor for operator safety
Customized Parking Position for operation
- ✓ comfort and increase in productivity.
- ✓ Larger carrier size (1060 x 1060mm) for versatile sheet loading.
- ✓ Equipped with THK Ballscrews and Linear Guides for precision performance



Blanking Station

- ✓ Double head blanking
- ✓ Balanced hydraulic system with three cylinders in bottom punch
- ✓ Optional 3rd head for window hole remover
- ✓ Safety mechanism for operator

Waste Removal

- ✓ 2 waste slopes ensures undisturbed waste removal
- ✓ Ensures no requirement of table cleaning between blanking cycles



Tool Type Blanking For Versatility

- ✓ Every job requires one simple blanking tool
- ✓ Same tool can be used for cartons with minor size variations
- ✓ 2 tools - 1 each for A & B type lock bottom cartons
- ✓ Special shape jobs can be easily blanked
- ✓ Special sheet retainer for blanking jobs with less margins
- ✓ Carton retainer tool can be made to reduce make ready times

Robotic Pick-up Arm with Conveyor

- ✓ 2 robotic pick-up arms with straight conveyor
- ✓ RPA Pick-up carton stacks and delivers on the conveyor
- ✓ Reduced labour cost and improves productivity
- ✓ Promotes process hygiene
- ✓ Pneumatically operated maintenance free movement



Window Hole Remover

- ✓ Separate station to push out window holes



Touch Screen

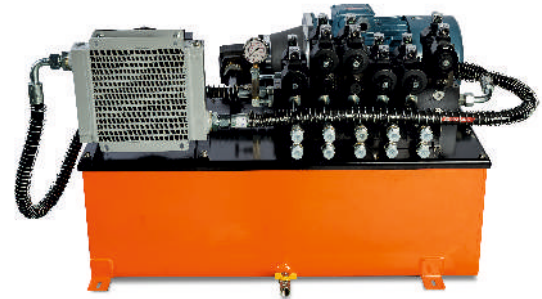
- ✓ Ease of Operations
- ✓ Easy Programming
- ✓ Memory for 500 programs
- ✓ Parking position for different sheet size (reduces cycle time)

Electrical

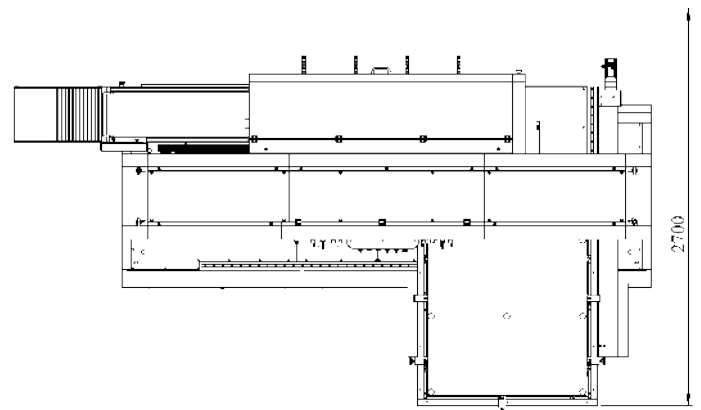
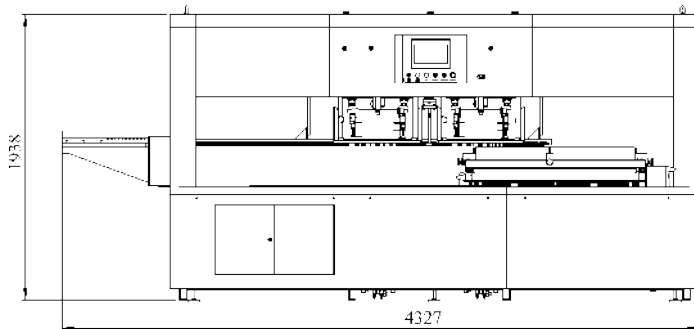
- ✓ Branded electrical and electronic components for reliable performance.

Hydraulic System

- ✓ Heavy duty 10 HP motor and hydraulic pump for better performance with protected circuits
- ✓ Higher capacity oil chiller used to maintain below 50° centigrade
- ✓ ABB 10 HP motor and 59 LPM hydraulic pump for peak performance with circuit protection
- ✓ 150-liter oil tank with high-capacity cooler maintains temperature below 50° centigrade



Machine Layout



Optional

Recommended Ancillary Equipment



Battery Operated Hydraulic Pile Lifter

- ✓ Sensor based pile auto up down movement
- ✓ Reduces operator fatigue and minimizes back strain
- ✓ Can be used on multiple machines for material handling.

Model: BLANKWISER 106

Max. Sheet size (mm)	1060 x 1060
Min. Sheet size (mm)	300 x 300
Max. Blank size (mm)	350 x 468
Min. Blank size (mm)	30 x 30
RPA - Robotic pickup arm (min/max) with conveyor	50 x 50 - 250 x 280
Window hole remover (min to max) mm	Min 15x15mm Max 100x150mm
Pile of paper high (mm)	50 - 85mm
Strokes/min	15 - 20
*Output depends on sheet thickness, no. of ups / carton size etc.,	
Max. work stress (tons)	2.5
Power (kw)	10
Compressed air pressure requirement (bar)	6
Compressed air pressure requirement with conveyor (bar)	8
Machine Size (l*w*h) mm	2700 x 3400 x 2200
Machine size with conveyor (l*w*h) mm	2700 x 4400 x 2200
Machine with working suggested area (l*w*h) mm	4400 x 4800 x 2500
Machine with working suggested area with conveyor (l*w*h) mm	4400 x 5400 x 2500
Weight (kgs)	2000
Weight with conveyor (kgs)	2500
Make ready time (*subject to operator skill and job type)	15 to 30 min

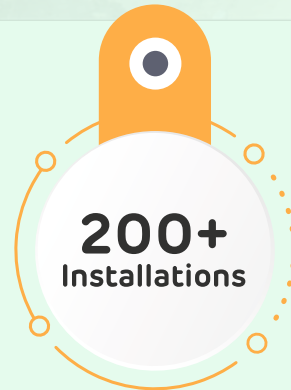
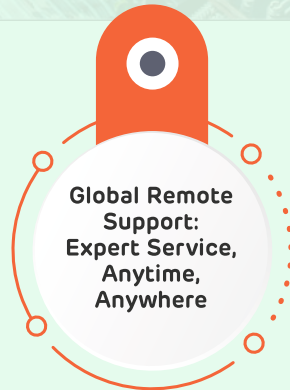
*Technical specification is subject to regular change without notice due to continuous improvements in the machine.

Importance of Suba's Offline Blanker for the Packaging Industry

- ✓ Increases diecutter productivity
- ✓ Reduces diecutter wastage
- ✓ Reduces wastage in folder gluer
- ✓ Minimize stoppage in folder gluer
- ✓ Minimum contact with blanks - more hygiene
- ✓ Pharma & Food industry requirement

Rules for Successful Blanking

- ✓ Aligned Pile
- ✓ Proper diecut sheets with minimal optimum nicks
- ✓ Appropriate blanking Tools
- ✓ Sheets without warp



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for more information
scan QR code

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Due to constant developments, any information in this brochure is subject to change without notice.