



# RADIANCE

Excellency In Every Innovation

Manufacturer of  
**Woven Sack & Flexible Packaging Bag**  
Making Machinery



[www.radiancemachinocraft.com](http://www.radiancemachinocraft.com)

## RADIANCE MACHINOCRAFT LLP

### The Company:

**RADIANCE MACHINOCRAFT LLP** is fast growing company serving to the industries of Plastic PP/HDPE Tape Fabric Woven Sack & Flexible Packaging Industries, Bopp Laminated Sack, Paper Laminated Sack, and Leno bags Industries with RADIANCE brand.

FIRST TIME IN INDIA newly developed T-Type high speed bag conversion line, Pinch bottom Bag making machine with Bag cutting & gusset device and Tuber Backseam machine with T-type stitching unit.

We since inception set a vision for the company to be an end-to-end supplier of the machinery & solution for the plastic woven industry. We are still looking forward for bringing new products in the millennium and are concentrating on research & development, producing, sales and after-sales service as one system line. We Continuous investments in upgrading the in-house manufacturing capabilities together with state-of-the-art research & development.

### History & Present:

Radiance Machinocraft LLP and Radiance Machinecraft LLP is the flagship company of the Radiance Group, Company is sister Concern of Ojas Machinocraft LLP (Delhi) having global a name in Flexible Packaging & Woven sack Industries started by Mr. Rushabh Shah & Late Mr. Dilipbhai Shah since 2013, then the group started work with woven bag making machine concept with continuous research and high-tech solution with a new Brand RADIANCE.

### About the Group:

- Radiance Machinocraft LLP offers machine solution for PP/HDPE Tape Fabric Woven Sack & Bopp Laminated Sack, Paper Laminated woven Sack, and Leno bags Industries. FIBC Jumbo bags, Belt cutting machine, Fabric cutting with spout cutting machine.
- Radiance Machinecraft LLP offers packaging lines for the end user of flexible packaging market for serving pouching & 3 side sealing, bottom sealing, slit seal, mulching film making machine etc...

### Manufacturing Facility & Infrastructure:

we are equipped with a huge infrastructure to manufacture the machinery, we utilize the quality assured components and machinery to manufacture the product range in strict adherence to the set industry standards, the company equipped with sales, design.

purchase, development, manufacturing facilities, after manufacturing the machines we check the quality ensure, trialed tested and defect free range of our products.

**Our Mission** is to exceed our customer's expectations in quality, delivery, and cost through continuous improvement and customer interaction.

### Why Radiance:

- Continuous focus on Innovation & Development
- Customized Products
- Assure Quality
- Ethical Business Deal
- Skilled Team
- Commentedelivery
- Satisfy Service Support

We Radiance Group, believe that good quality products need equally good pre & post sale technical support services including prompt supply of machine & spare parts for the customer to realize the benefits of the technology, **we do that by making constant innovations in our products to be more sustainable, reliable & easy to operate to meet current industry standards.**

## PINCH BOTTOM BAG MAKING MACHINE



### Models:

RMPINCH600

### ADDITIONAL

BAG CUTTING DEVICE,

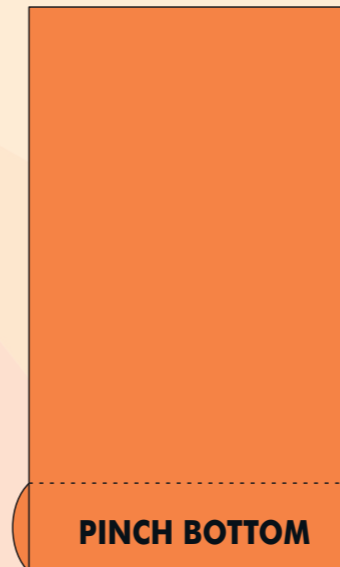
### THE LINE COSIST:

- VACUUM BAG PICK UP
- FEEDING SECTION
- BELT CONVEYOR
- BOTTOM GLUE CLOSING
- STACKING & BELT CONVEYOR

### FEATURES:

RMPINCH600 SPECIFICATION

- Stack of bags capacity on platform: Up to 500 bags
- Width of bag: 300mm to 600mm (12 to 26 inch)
- Length of bag: 480mm to 1050mm (18 to 42 inch)
- Applied gusset on bag: 25mm - 150 mm (1-6 inch)
- First folding capacity: 10 to 25mm adjustable
- Second folding width applicant: 20-30mm adjustable
- Glue tip: 30mm slot coating with sack back Technology
- Operating speed: Up to 40 bags per minute
- Control panel with AC drive, Servo drive & operate with HMI touch screen

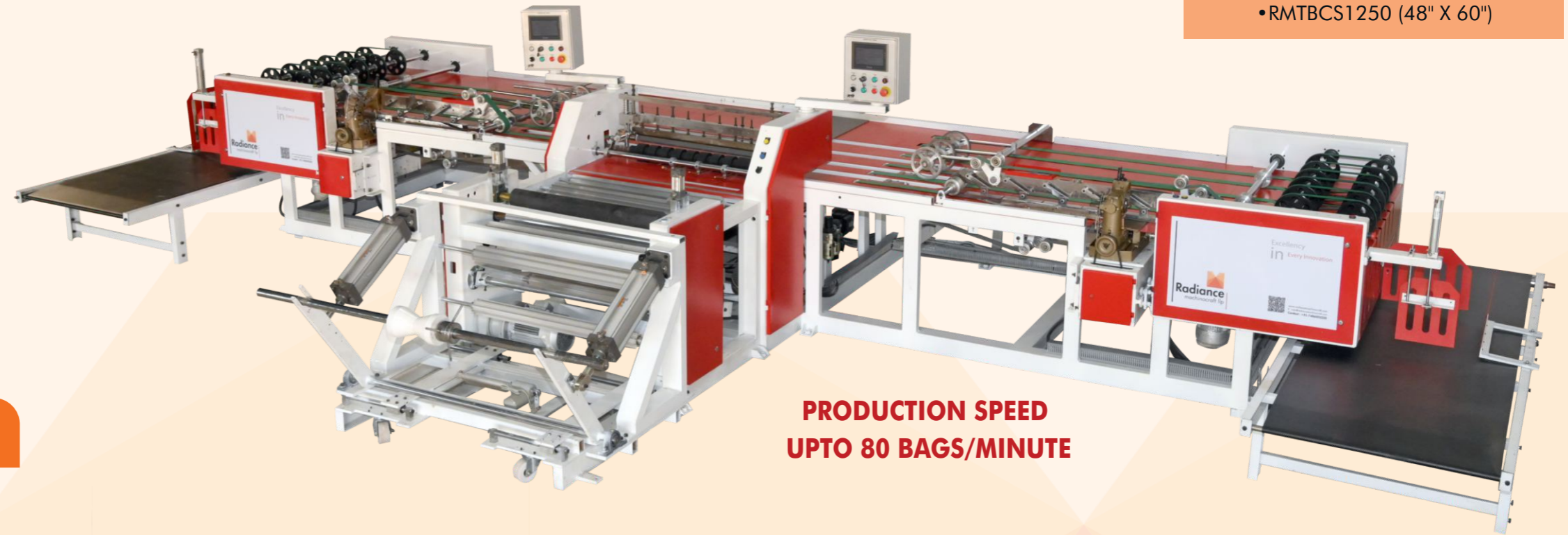


# PP/HDPE WOVEN BAG CUTTING & STITCHING MACHINE

## HIGH SPEED T-TYPE BCS MACHINE

### Models T-BCS

- RMTBCS850 (34" X 56")
- RMTBCS1000 (40" X 56)
- RMTBCS1250 (48" X 60")



**PRODUCTION SPEED  
UPTO 80 BAGS/MINUTE**

## HIGH SPEED L-TYPE BCS MACHINE



**PRODUCTION SPEED  
UPTO 40 BAGS/MINUTE**

### Models L-BCS

- RMBCS850 (34" X 56")
- RMBCS1000 (40" X 56)
- RMBCS1250 (48" X 60")

### ADDITIONAL

- TWIST GUSSET
- D-PUNCH
- ONLINE COLD PERFORATION DEVICE

### THE LINE CONSIST

- UNWINDER
- CUTTING UNIT
- 90 DEGREE TRANSFER SECTION
- FOLDING AND STITCHING DEVICE
- BAG STACKING & TRANSFER UNIT

### FEATURES

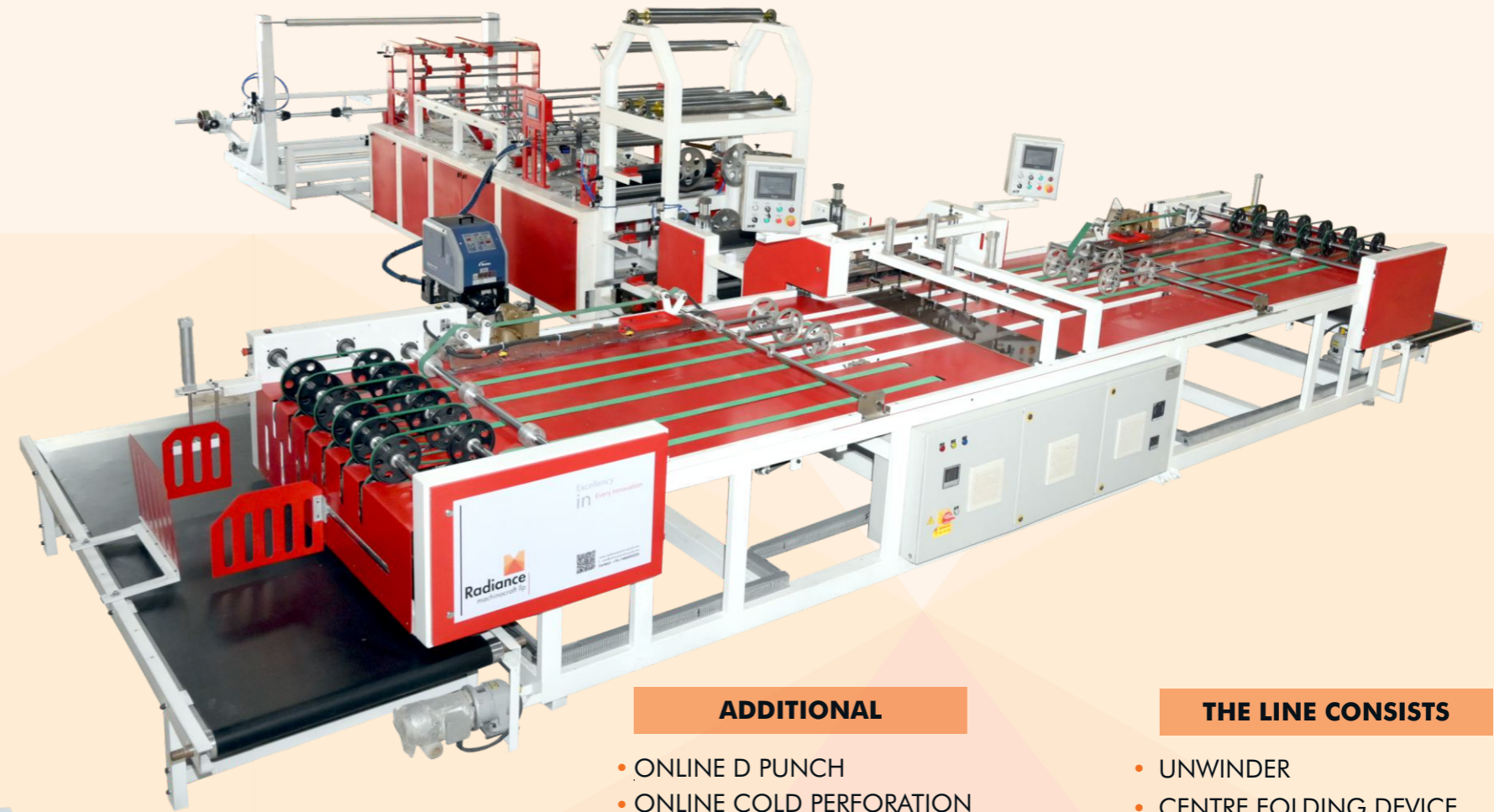
- Cutting :Cutting system with Hot & Cold Combo type with bag mouth opening device  
COLD CUTTING OLFA BLADE BASE (SERVO MOTOR OPERATED)
- Print mark sensor reading
- Cutting length accuracy:  $\pm 1$ mm
- Bottom folding width: 20-30mm adjustable (both side)
- Stitching type: single & double chain stitch
- Stitching range: 6 -9mm (standard: 9-11mm) (both side)
- Control panel with AC drive, Servo drive & operate with HMI touch screen

## TUBER BACK SEAM MACHINE WITH ONLINE T-TYPE STITCHING

**(HIGH SPEED AUTOMATIC MACHINE FOR BACK SEAM GLUE BASED BAG FOR BOPP LAMINATED WOVEN BAGS) WITH GUSSET UNIT INBUILT**

Models : RMBACKSEAM1000

### TUBER BACK SEAM BAG MACHINE



#### ADDITIONAL

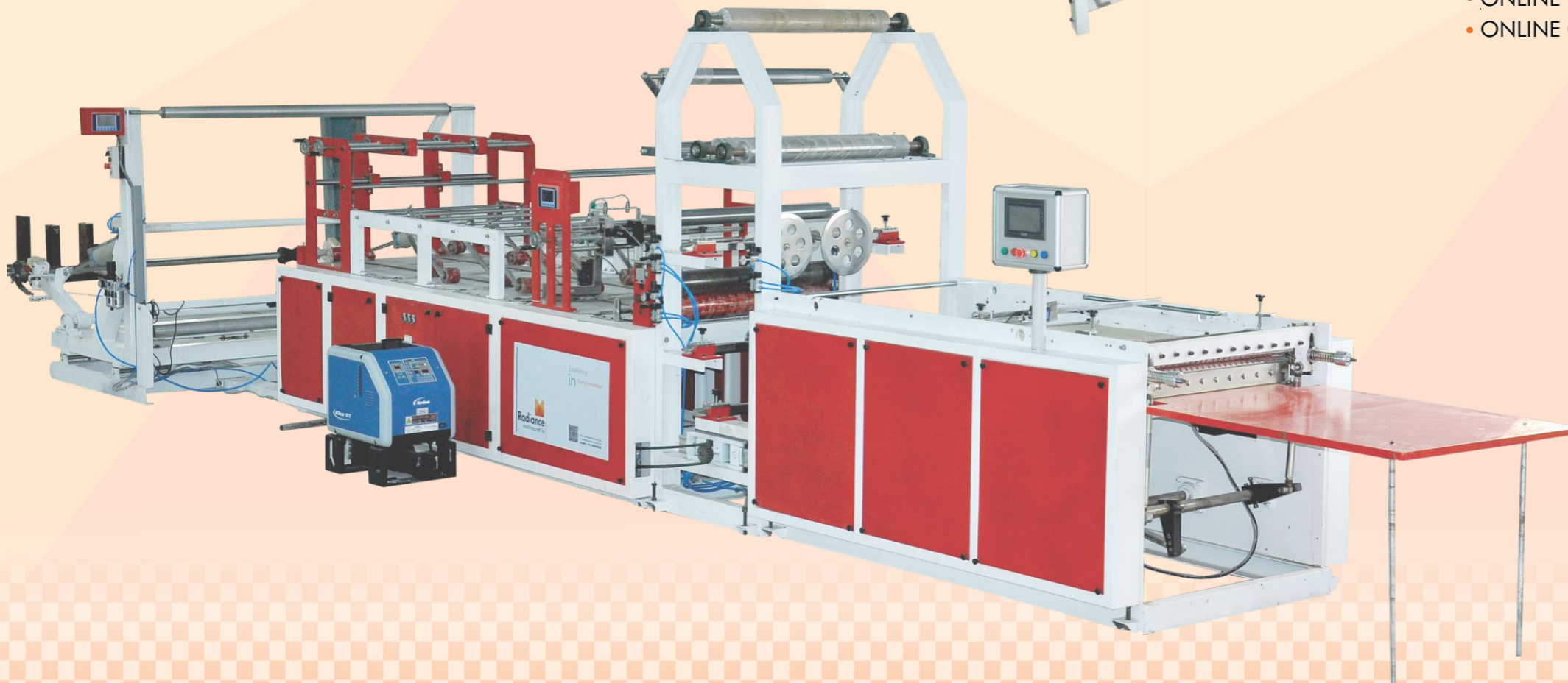
- ONLINE D PUNCH
- ONLINE COLD PERFORATION

#### THE LINE CONSISTS

- UNWINDER
- CENTRE FOLDING DEVICE
- CENTRE GLUE PASTING DEVICE
- BAG CUTTING DEVICE
- STACKING & BAG CONVEYOR

#### FEATURES

- Flat fabric width: 36" to 42"
- Gusset can be do: 1 to 4" (inch)
- Glue tip: 4 line / 5 Line
- Operating speed: Up to 80 bags per minute
- Control panel with AC drive, Servo drive & operate with HMI screen



## POUCHING MACHINE



High speed automatic machine for  
centre seal & 3 side seal  
combo pouching

### FEATURES

1. Robust Structure
2. Roll width: 1000mm
3. Blade width: 500mm
4. Speed: 250\* storks/minute
5. Static discharger with three electrodes
6. Sealer: Iron type
7. Sealer operates: PID temperature controller
8. Programmable controller operates with HMI touch screen
9. Servo & Ac drive based control Panel
10. Colour mark sensor for pre-printed material
11. Automatic sensor for Feeding roll

### OPTIONAL ACCESSORIES:

- D-PUNCH
- TEAR PUNCH
- ADDITIONAL SEALER
- ONLINE PERFORATION

(\*above size is of standard 500mm pouching machine, machine can be design customized also)

## MULCHING FILM MAKING MACHINE



### FEATURES

1. Roll width: 600 to 1600mm
2. Material thickness: 20 to 50 microns applicable
3. Speed: up to 50 meters/minute. \* rewinding speed
4. Punch size: 40 / 50 / 55 / 65 & Customised
5. Control panel with AC drive, Servo drive & operate with HMI Screen
- 6. Heavy duty winder with AC torque drive**



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## SLIT SEAL MACHINE

**Heavy Duty  
Winder With  
Ac Torque Drive**



<b>Material:</b>	LDPE, HM, PP, CPP	<b>Sealer:</b>	Brass type
<b>Roll width:</b>	1100mm & 1500mm (standard)	<b>Sealer Operates:</b>	PID temperature controller
<b>Roll weight:</b>	300kg max (Unwinder side)	<b>Roll weight:</b>	60kg max (Winder side)
<b>Speed:</b>	150 meter/minute* rewinding speed	<b>Control Panel with AC drive &amp; Torque drive</b>	

## BOTTOM SEALING & CUTTING MACHINE

Single & Double Decker

1. Blade size: 18",24",28",32",36",42",52"etc...
2. Available in single & double decker
3. Speed: Up to 150\* strokes/minute
4. Max length: 80" standard (customise)
5. Sealer: Iron type (always stop at Top in any speed)
6. Sealer operates: PID temperature controller
7. Programmable controller with HMI screen
8. Servo & Ac drive based control Panel
9. Colour mark sensor for pre-printed material
10. Automatic sensor for Feeding roll
11. Machine stop at top in mark and high speed

## SIDE SEAL MACHINE



### FEATURES

- Material: PP / LDPE / BOPP / HM / CPP
- Blade size: 600mm,700mm,800mm,900mm,1000mm.
- Speed: 250\* storks/minute.
- Sealer: Iron type (always stop at top in any speed).
- Programmable controller operates with HMI screen.
- Servo & Ac drive based control Panel.
- Colour mark sensor for pre-printed material.
- Machine stop Sensor when roll finished.

### ADDITIONAL


- Punch: D-type, Butterfly, Round Hole, Tear Punch etc...
- Ultrasonic Knurling
- Flap
- Bottom Gusset
- Tape
- Unwinder : Line Guide & Auto Tension Controller
- In Line Folders




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