

- Hologram manufacturing Plants
- Slitters
- Special Purpose Machine

Creating Impressions that



SECURES



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Slitting Machine

SM-30/80/100/120/160



Since 2002



Holographic Machine
Manufacturer India

Slitting machine

SM-30/80/100/120/160



Since 2002

"Slitting is the process of cutting a large coil of material into multiple smaller coils of designated widths. Our slitting machines are specially designed to handle a variety of materials with varying thicknesses while ensuring accurate slitting results

Technical Specification

Model	SM-30	SM-80	SM-100	SM-120	SM-160
Web Width	300 mm	800 mm	1000 mm	1200 mm /47"	1600 mm /63"
Unwind Max.Dia	450 mm			800 mm	
Rewind Max.Dia	300 mm	300/450 mm	300/450 mm	300/450 mm	450 mm (17.75inch)
Minimum Slit Width	5 mm	24-30 mm	35-50 mm	35-50 mm	100 mm
Slitting operation	Razor Blade	Blade / Rotary	cutter (Depend	on material,(Rotary cutter extra	Charges)
Individual Arms Standard	2sets,(stande rd)	8sets,(standard)	10 sets,standard	12sets,standard	16sets,standard
Rewinding System		Drum winding			
Min.Film Thickness		12 microns			
Unwind Core Internal Dia.		76 mm (standard)			
Rewind Core Internal Dia	76 mm/75mm	76 mm Core Internal Dia			
Max.Speed (Mtrs/min.)		210 Mtrs / min.			
AC Drive 3Phase	3Hp/22kW	5Hp/ 3.67 kW 1 no.	75Hp/55kW 1 no.	10 Hp /7.5KW 1 no.	
AC Motor 1phase	3Hp/22kW	5Hp/3.67 kW 1no.	75Hp/55kW 1 no.		
Trim Blower	hp 0.45 kW	1hp/0.75 kW 1 no.			
Loading / unloading	Manually by Pneumatic	Manually on Pneumatic expandable shafts / manually on Individual arms Set			
Unwinding tension	Manually by using Pneumatic Brake.	Manually by using Pneumatic Brake (MMT)			
Rewinding tension	Manually by using Pneumatic Clutch	Manually by using Clutch on Arms (MMT)			
Free Margin Control	Q By using web Edge Guide System / web Line Guide System (make E+LBSI)*				
Length Counting System	By using Digital Preset Auto-Cut length Counting System				
Compressed Air Required,	4-8 Bars				
Power 415V AC 3Phase	275kW	45kW	6kW	6.50 KW	85kW

Holographic Machine Manufacturer India

Coating & Lamination

CLM-30S



Since 2002



Holographic Machine
Manufacturer India



Coating & Lamination

CLM-30S

Since 2002



"Extremely compact machine available in the market that offers three types of coatings; it requires minimal space, reduces electrical consumption, and delivers rapid output, thereby saving both money and

Technical Specification

Model	CLM-30S
Pay off width	300 mm
Max. Unwind Dia.	400 mm
Max. Rewind Dia	400 mm
Substrates to be coated	Polyester Film, Stamping foil, Paper, etc.
Thickness of substrate	16-150 micron
Speed	+30-35 mtrs / Min (Hotmelt Coating)
(Depend upon Material & Coating)	+8.10 mtrs / Min (Water Base adhesive)
	30-40 mtrs / Min (Solvent Base coating)
Heating Roll (Hotmelt)	1 No.
Heating Roll Heater (Hotmelt)	1 No. / 3 KW (Heater)
Tray Heater (Hotmelt)	1 No. / 5 kW (Heater)
Chamber Heaters (Water Base & Solvent)	1 KW x 09/12 Nos. (IR Heaters)
Air Blower	0.5 hp x 2 Nos.
Unwind Core Dia.	76 mm Core ID
Rewind Core Dia.	76 mm Core ID
Chilling roll	1 Nos. (Chiller Purchase Separately by Buyer)
Motor	2 HP /1.5 kw AC Geared Motor. (1 No.)
Drive	2 HP /1.5 kw AC Drive. (1 No.)
Unwind tension	Manually by Using Pneumatic BRAKE System (Make MMT)
Rewind tension	Manually by Using Pneumatic CLUTCH System (Make MMT)
Length Counting & Control System	By Using User friendly HMI (TOUCH Panel with PLC control)
Web guiding system	Web Edge Aligner System (E+L/BST) (1 no. on Unwinder)
Air Required	6-8 bar
Power Requirement	415V AC, 11.50k W / 14.50 kW (Approx.)
Machine Dimensions (LxWxH) in inches	96 x42 x 101
Coating Possibilities	Water Base, Solvent Base, Heat Seal, etc.

Holographic Machine Manufacturer India



Since 2002

Hologram Transfer Machine or Hologram Applicator machine HLHTM-30/50/100



Holographic Machine Manufacturer India

HLHTM-30/50/100



Since 2002

"These machines are engineered to apply the embossed holographic material onto various substrates, such as paper, aluminum foil, polyester, or other customer-specified materials in a roll-to-roll format."

Technical Specification

Model	HLHTM-30	HLHTM-50	HLHTM-100
Max. Unwind Web Width	300 mm	500 mm	1000 mm
Max. Unwind Reel Dia	450 mm	800 mm	800 mm
Max. Rewind Reel Dia	400 mm	800 mm	800 mm
Hologram Unwind Arms	4 nos.	8 nos.	1 no. (16 rolls)
Polyester Waste Rewind Arms	4 nos.	1 no.	1 no.
Silicon Pressure Roll		1 no.	1 no.
Heating Roll	1x 3 kW	1 x 5 kW	1 x 6 kW
Unwind & Rewind Reel Core Inner Dia.		76 mm	
Drive AC	3 hp x 1 no.	5hp x 2 no.	5hp x 2 nos.
Motor AC (Geared Motor)	3 hp x 1 no.	5hp x 2 no.	5hp x 2 nos.
Speed Max	70m/Min. (Depend On Material)		
Unwind tension	Manually by using Pneumatic Brake System		
Rewind tension	by using Pneumatic Clutch System	Manually by using Pneumatic core holding system	
Loading	Manually on Pneumatic core holding system	Manually on Pneumatic Expendable Shafts	
Unloading	Manually on Core Holding System	Manually on Pneumatic Expendable Shafts	
Length Counting	Digital Preset Auto-Cut length Counting System		
Web Aligner	By Using Edge Guide System or line Guide System (make E+LJBST)		
Air Required	6-10 Bars		
Power Requirements	5.5kW(approx)	9kW(approx)	13.5kW(approx)

Holographic Machine Manufacturer India



Since 2002

Narrow -Web Hologram Embossing Machines

NWH-30A



Holographic Machine Manufacturer India

Narrow -Web Hologram Embossing Machines

NWH-30A



Since 2002

"The device generates holograms essential for counterfeit security printing, including holographic labels, narrow web hologram films, and more. Both 2D/3D holograms and e-beam hologram embossing can be performed based on the specific master templates."

Technical Specification

Model	NWH-30A
Max. Print area	250 mm.
Max Unwind diameter	300 mm.
Max. Rewind Diameter	300 mm.
Substrates to be print	Polyester etc.
Thickness of substrate	16 micron to 150 micron.
Speed Max.	35 M/min
Suggested speed	15m/Min. (for Best Quality Embossing).
Heater	2 kW x 3 nos.
AC Drive (3-Phase)	2 Hp /4 kW 1nos
Motor (3-Phase)	1 Hp/0.75 kW, 0.18 kW (1 nos each)
Winding Tension	AUTO TENSION Control System.(Make E+L).
Unwinding Roll	AUTO TENSION Control System.(Make E+L).
Counting System	By using PLC (having both option of SHEET/METRE counting).
Control System	By user friendly HMI (TOUCH panel with PLC control
Web Guiding System	Web Edge Guiding System (Make E+L).
Embossing Pressure DIGITAL	Embossing pressure is digitally controlled.
Panel Margin Adjustment	Motorised with fine adjustment Electrically controlled. 8-10 Bar.
Air Requirements	8-10 Bar.
Power Requirement	415V AC 3 phase (7.00kW)
Machine Dimensions (LxWxH)	(L*W*H) (70*32*59) these Dimensions are in INCHES.

Holographic Machine Manufacturer India

Rotary Die Cutting with Slitting

RDC-30



Since 2002



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Rotary Die Cutting with Slitting RDC-30



Since 2002

The RDC-30 slitting machine features an integrated rotary die-cutting function and is a cutting-edge product designed with a high-precision rotary die-cutting system. This machine excels at blank adhesive label production, allowing for die-cutting and slitting to be completed in a single process.

Technical Specification

Model- RDC-30
- Max Web Width: 320 mm
-Max Unwind Dia: 500 mm
-Max Rewind Dia: 500 mm
- Pneumatic Unwinder, Shaft with 3" dia.
- Pneumatic Rewinder, 2 shafts with 3" dia.
- Upgraded air shafts at unwinder/rewinder with centralized air supply mechanism which requires no air gun
-Web Aligning system by E+L (Germany)
Single Die Cutting Station
- Min/Max Repeat Length per Teeth: 60T-160T
- Max Die-Cutting Speed: 60M/ Min
- Waste Rewind
-Max Slitting Speed: 70M/ Min
- Min Slitting Width: 25 mm
-Max Slitting Width: 300 mm
- Slitting accuracy: +/- 0.10 mm
- Waste Suction blower
-4 Sets (Upper & Lower Knives Set) Movable Rotary Slitting Cutters for Slitting
- Allen Bradley Make Ac Drive for Speed Control
- Rotational Panel for easy operation in Desired position / direction
- Pre- set Label Counting by using Label Sensor / Length counter with setting of auto stop when the count is reached
- Tension Controlled By using Pneumatic Brake on UNWIND & Pneumatic CLUTCH on Rewind.
- Pneumatic Air supply needed 6 Bar
- Power: Approx 2.0 kw, 415V, 50Hz, 3 Phase
- Dimensions (in INCH): 61 (L) x 41 (W) x 59 (H)
- Weight: Approx 700 kg

Holographic Machine Manufacturer India

Flat-Bed Die Cutting High Speed IDC-320G



Since 2002



Holographic Machine
Manufacturer India

Flat-Bed Die Cutting High Speed IDC-320G



Since 2002



It features flat pressing, high-accuracy die cutting, and computer-fed material feeding and slicing. It precisely follows and aligns the printed marks in both directions as well as along the longitudinal axis with the use of three photoelectric sensors. The machine makes die cutting, waste collection, slicing, and automatic marking of rolls in one process. It is used for die cutting paper adhesive labels, holographic stickers, teryler film trademarks, and laser anti-counterfeit labels. It's the perfect supplement equipment for flexographic printers, continuous screen printing machines, relief printing equipment, and counterfeit trademark molds. It is the best solution for different trademark printing

Technical Specification

Model-IDC-320G

- Max Web Width: 320 mm
- Max Unwind Dia: 500 mm
- Servo Motor / Drive / PLC/Inverter/Touch Screen of French Schneider brand
- 2 Taiwanese Edge Sensors for web guiding
- 2nd Pass: German Scanning Sensor for repeat pass operation
- Precision: +/- 0.10 mm
- Single Station Flat Bed Die-cutting
- Top to Bottom bed movement
- Min Repeat: 20 mm
- Max Repeat: 300 mm
- Max Die-cutting Area: 300 x 300 mm
- Die-Cutting Speed: 120~15,000 impressions / hour
- Waste Rewind
- Sheeter
- Max Rewind Dia: 480 mm
- Machine Weight: Approx 1,800 kgs
- 220V, 50Hz, Single Phase
- Power: Approx 4.0 kw
- Machine Dimensions (in mm): 2750 (L) x 1210 (W) x 1760 (H) mm

Holographic Machine Manufacturer India

Electro-Forming Tanks ST & GT



SOFT Tank : (Standard System)



HARD Tank : (Rotary System)

Holographic Machine
Manufacturer India

Electro-Forming Tanks ST & GT



Since 2002

- **Soft Tank** is used to produce Cpoes/Soft Shims From Original masters to make it safer and extend usage of master against damage in Production of master.
- **Hard Tank** is used to produce Shim/printing plates used to produced hologram on Hard/Soft Embossing machine.

Electro-Forming Tanks Used in HOLOGRAPHY industry for:

Technical Specification

HARD Tank

Rectifier 50A/12VDC: 1 Nos.
(Equipped with Thickness control system & Ph meter)
Filter unit with Megnetic pump : 1 Nos.
Heater 2Kw X 2 nos
Production Capacity : 2 Shims/90 mints(Approx.)
Power Consumption: 6 Kw (Approx)
Dimensions : 75" x 40" (inches)

Specially for
Hard Embossing Machine



SOFT Tank

Rectifier 50A/12VDC : 1 Nos.
(Equipped with Thickness control system & Ph meter)
Filter unit with magnetic Pump: 1 Nos.
Heater 2k W 2 nos
Production Capacity : 1 master copy /2-4 hrs.
Master copy/copy to copy.(Depend on Thickness)
(Depend on Thickness of copy required.)
Power Consumption : 6 kW (Approx)
Dimensions : 75" x 40" 40"(inches)



Holographic Machine Manufacturer India