



**KIRAN**  
HOLOGRAPHICS

# *Electro-Forming Tanks* **ST & HT**



**SOFT Tank: (Standard System)**



**HARD Tank: ( Rotary System )**

**No need of Profile systems used in old electroforming Tanks  
Equipped with Thickness Control System.**



# **KIRAN HOLOGRAPHICS**

## Electro-Forming Tanks used in HOLOGRAPHY industry for:



### Electro-Forming Tanks ST & HT

- **Soft Tank (ST)** is used to produce Copies/Soft Shims from original masters to make it safer and extend usage of master design life for long run and safety against damage in Production of master.
- **Hard Tank (HT)** is used to produce Shim/Printing plates used to produced hologram on Hard/Soft Embossing machine.

#### **Note :** Benefit of our ROTARY HARD TANK:

Two shims in 90 mins.

No issue of Profile management in tank.

Require less Chemical so its regular maintainence is very less.

Geared Motor used for rotary system.

Rectifier is well equipped with all necessary safety features.

## No need of Profile systems used in old electroforming Tanks Equipped with Thickness Control System.

### TECHNICAL SPECIFICATIONS:

#### **HARD Tank: ( Rotary System )**

Rectifier 50A/12VDC : 1 Nos.

(Equipped with Thickness control system & Ph meter)

Filter unit with Magnetic Pump : 1 Nos.

Heater 2kW x 2 nos

Production Capacity : 2 Shims/90 mints(Approx.)

Power Consumption : 6 kW (Approx)

Dimensions : 75" x 40" x 40" (inches)

**Specially for  
Hard Embossing Machine**



#### **SOFT Tank: (Normal System)**

Rectifier 50A/12VDC : 1 Nos.

(Equipped with Thickness control system & Ph meter)

Filter unit with Magnetic Pump : 1 Nos.

Heater 2kW x 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" x 40" (inches)



*Note : Specifications and features are subject to change without notice.*

*\*production time ,etc depends on thickness of output required and chemical used.*



Kiran Holographics Head Office- Plot-No 15,Ram Krishna Marg,,  
New Sanganer Road,Sodala, Jaipur-302019 (Rajasthan) GST NO -

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# *Narrow-Web Hologram Embossing Machine*

**NWH-30A**



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The Machine produces Hologram required for Counterfeiting / Security Printing Hologram Lables / Narrow Web Hologram Film etc.

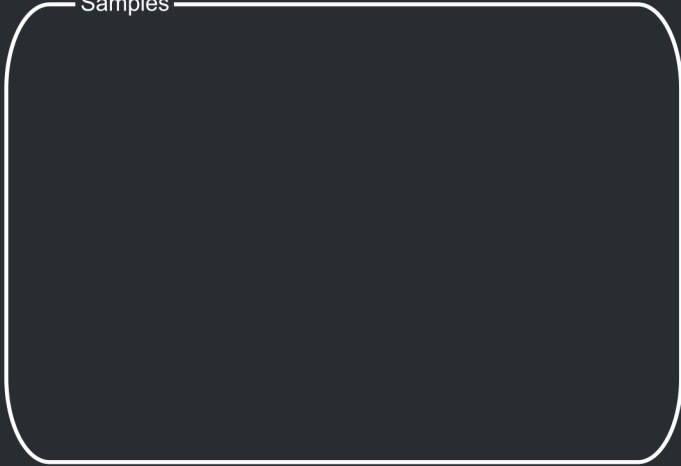


2D / 3D Hologram to E-beam Hologram embossing can also be done depending upon Masters

## Narrow-web Hologram Embossing Machine

NWH-30A

Samples



### 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.	50 Mtrs / min
Suggested speed	<b>15 Mtrs / min.</b> (for Best Quality Embossing).
Heater	2 kW x 3 nos.
AC Drive	2 Hp / 1.5 kW (1nos).
Motor	1 Hp / 0.75 kW Geared Motor, 0.118 kW Geared Motor(1 nos. each)
winding Tension	AUTO TENSION Control System with Magnetic clutch. (Make E+L,Etc).
Unwinding Roll	AUTO TENSION Control System with Magnetic brake. (Make E+L,Etc).
Counting System	By using PLC (having both option of SHEET/METER counting).
Control System	By using user friendly TOUCH Panel with PLC control.
Web Guiding System	Web-Edge Guiding System (Make E+L,Etc).
Embossing Pressure Digital	Embossing Pressure is digitally controlled.
Panel Margin Adjustment	Motorized with fine adjustment.
Air Requirements	6-8 Bar.
Power Requirements	415V AC 3 phase (7.00 kW)
Machine Dimensions (LxWxH)	(71" x 36" x 61") these dimensions are in INCHES.
Machine Weight (Kg)	930 kgs

Note : Specifications and features are subject to change without notice.

\*On extra charge according to Quantity etc.

**NO LUBRICATION is required in our All Machines.**



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*Wide-Web Hologram Soft Embossing*  
**WSHEM-80/100**



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## Wide-Web Hologram Soft Embossing **WSHEM-80/100**

### Technical Specification

NO LUBRICATION is required.

Model	WHSEM-80	WHSEM-100
Web Width	800 mm./ 30"	1000 mm / 40"
Unwind Max. Dia.	700mm.	800mm / 31"
Rewind Max. Dia.	700mm.	800mm / 31"
Unwinding System	Tension controlled by auto tension system & Pneumatic Brake	
Rewinding System	Tension controlled by auto tension system & Pneumatic Clutch	
Pre Heating Roll	1 nos (with Thermal fluid For Uniform Heating in full length)	
Preheat Heater	5kW (415vac)	6kW (415vac)
Min. Film Thickness	12 micron	
Chilling Roll	1 nos (Chiller Required Sold separately)	
Unwind Core Internal Dia.	76mm/3"	
Rewind Core Internal Dia.	76mm/3"	
Max. Speed (Mtrs/Min.)	40-50 Mtrs/min. (Depend on film and coating done)	
AC Drive 3Phase	5 hp / 3.75 kW (1 nos)	3 Hp / 2.2 kW (2 nos)
AC Motor 3Phase	5 hp / 3.75 kW (Geared Motor) (1 nos)	3 Hp / 2.2 kW (Geared Motor) (2 nos)
Loading / Unloading	Manually on Pneumatic expandable shafts	
Unwinding tension	Manually by using Pneumatic Brake.(Make MMT)	
Rewinding tension	Manually by using Clutch on Arms (MMT)	
Free Margin Control	By using web Edge Guide System (Make E+L/BST) (Extra chargeable)	
User Interface	By using ouch panel with Plc control for best results and accuracy	
Compressed Air Required.	6-8 Bar	
Power Requirements	415V AC 3Phase (9 Kw)	415V AC 3Phase (10.5 kW)

Note : Specifications and features are subject to change without notice.

⊗ = extra price will be charg for these



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