

# Hologram Embossing Machines

Light Logics supplies narrow and wide web hologram embossing machines that help you to produce quality relief holograms embossed on various base substrates.



## LLNWE-25

Maximum print width	: 250mm
Maximum unwind diameter	: 400mm
Maximum rewind diameter	: 400 mm
Substrates to be print	: Polyester
Thickness of substrates	: 12 mic-48 micron
Speed	: 25 meters/minute
Power consumption	: 7 KW
Motor	: 1 Hp AC motor
Winding	: Pneumatic Clutch
Unwinding roll	: Pneumatic Brake
Air Pressure	: 6-8 Bar (100 Psi)
Drive	: 1 HP AC Drive
Counting System	: Digital electronic and preset auto counting system



**Narrow web Embossing Machine**

## EMBOSSING MACHINE - Narrow Web - Model: LLNWE25

The machine is an industry proven, tough embossing machine yielding high speed and trouble free hologram embossing leading to production of quality relief holograms. Its added embossing width delivers more production yield per hour and handles base materials such as metallised polyester, BOPP, PET, transparent, high index films etc. Due to the highly automated nature of this machine the user can plan and control all the variables of the embossing process such as temperature, pressure, tension and speed from a single control panel. Smooth embossing by high precision rollers helps to enhance the shim life and adds to customer gain. Its automated temperature control system is designed for uniform temperature distribution, guaranteeing uniform quality of embossing of images throughout the production run.

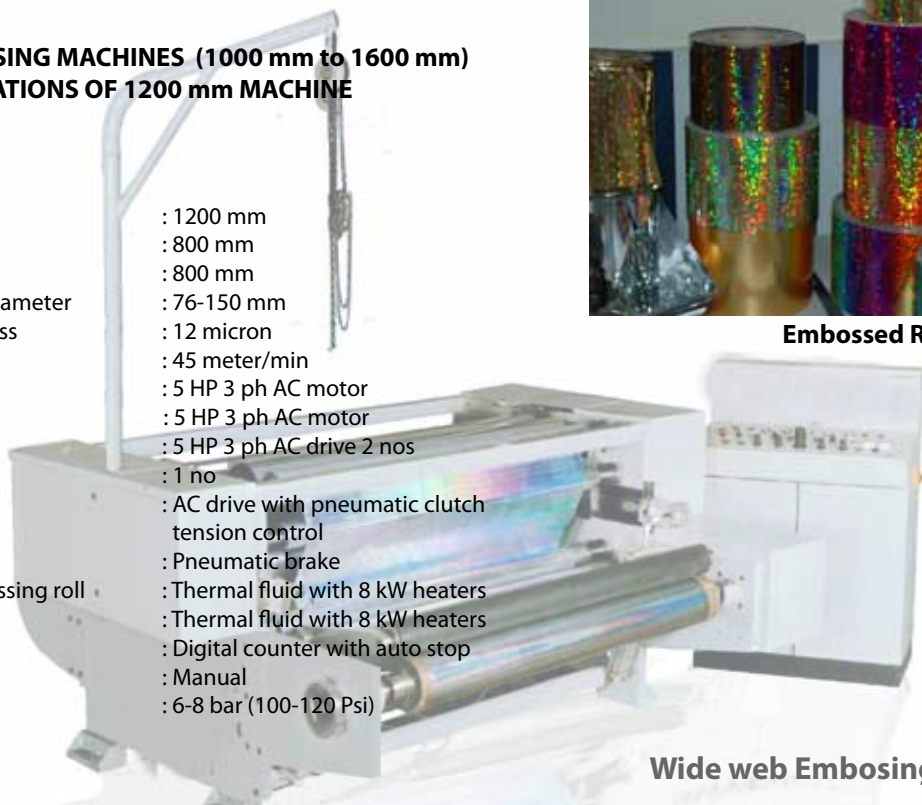
## WIDE WEB EMBOSSING MACHINES (1000 mm to 1600 mm) TYPICAL SPECIFICATIONS OF 1200 mm MACHINE

### LLWWE-120

Pay off width	: 1200 mm
Winding diameter	: 800 mm
Unwinding diameter	: 800 mm
Pay off core internal diameter	: 76-150 mm
Minimum film thickness	: 12 micron
Speed	: 45 meter/min
Main motor	: 5 HP 3 ph AC motor
Winder motor	: 5 HP 3 ph AC motor
Drive	: 5 HP 3 ph AC drive 2 nos
Chilling roll	: 1 no
Winding roll	: AC drive with pneumatic clutch tension control
Unwinding roll	: Pneumatic brake
Heating system embossing roll	: Thermal fluid with 8 kW heaters
Pre heating roll	: Thermal fluid with 8 kW heaters
Counting system	: Digital counter with auto stop
Loading & unloading	: Manual
Compressed air	: 6-8 bar (100-120 Psi)



**Embossed Rolls**



**Wide web Embossing Machine**