

SPECIFICATION



Soft Embosser
HOLOPRESS EBW 2442 TEC / MS

SOFT EMBOSsing MACHINE 42" Wide, 24" REPEAT

HOLOPRESS
EBW 2442 TEC / MS



Specifications:

- Embossing width: 42"
- Basic repeat: 24" (609,6mm). Optional up to 40".
- Machine can be built to accept roll from 18" (457mm) to 30" (762mm) diameter.
- Machine speed: 0-120 m/min.
- Speed varies depending on substrate & coating.
- Machine dimension: 4m wide, 7m long, 1,5m high.
- 3" Diameter air chucks with 6" adapter.
- Unwind & rewind capacity: 30" (750mm) Roll Diameter.
- Power requirements: 380V, 3 Phase, 120 Amp.
- Max. voltage fluctuation +/- 10%
- Compressed Air: 100 PSI

Recommended embossable substrates:

- 20–50 mic. PE
- 19–50 mic. BOPP(uncoated)
- 20-40 mic. PVC
- 16-50 mic. PET (coated)
- Paper, coated
- and other substrates



Equipment Description and Function

Machine consist of three major components:

- A. Unwind Station:**
- with edge guide
 - 3" DIA airshaft with 6" DIA adaptors
 - Unwind Roll diameter max. 30"
 - Tension control
- B. Embossing Station:**
- has a 24" repeat roll which has shim or shims glued to the surface
 - 16" DIA super silicon pressure roll and back up roll
 - Preheat roll
 - Chill roll
 - Material travels through the preheat roll, then goes through the shim roll and pressure roll (actual embossing). As soon as material exits it goes over a chill roll to cool off.
 - Embossing roll and preheat are internally heated with oil.
 - Embossing roll, preheat roll and chill roll is driven by DC motor reducer drive package which is fully synchronized.
- C. Rewind Station:**
- 3" DIA airshaft with 6" DIA adaptors
 - Rewind roll diameter max. 30"
 - Integrated winder motor and tension transducers provide properly wound rolls.

- Machine Controls include:**
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|------------------------|---|
| • Line Start | • Edge guide on/off |
| • Line Stop | • Edge guide auto/centering |
| • Line Jog | • Unwind/rewind tension meters and controls |
| • Forward/Reverse | • Temperatures controls |
| • Line Speed | • Nip in /out |
| • Emergency stop | • Oil heat unit |
| • Reset | • Chilling unit |
| • Hydraulic start/stop | |

Documents:

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| • Machine layout. | • Commercial documents. |
| • Electrical drawing. | • Warranty Papers. |

Tool Kit:

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| • Wrench set. | • Allen key set. |
| • Extra bolts. | • Special tools. |



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Site Preparation and Installation Requirements:

Customer is to provide for all utility hook-ups and to arrange for the unloading and positioning of equipment in the factory. Customer is to provide labor and moving equipment for final assembly. All services are to be pre-installed by the customer according to a plant jointly developed by the customer and the supplier. Embossing area should be climate and dust controlled. Customer is to provide roll lifting equipment and exust ducting to the outside of the building. Customer is to provide exhaust hood over embossing station.

Electrical requirements:

380V, 3 Phase, 50 Hz, 120 Amp. Maximum voltage fluctiation +/- 10%.
220V, 50 Hz (electrical requirements may be modified to suit local power configuration upon request).
Power consumption will vary based on further options chosen.

Air requirements:

80 – 100 PSI
Compressed air, 80 PSI minimum, for brakes and air chucks.
Ambient temperature 20 – 27° C (68 – 80°F)
Humidity: 65% maximum
Lifting and moving equipment adequate to handle 6500 lbs.

Training:

Training is to be provided at the sellers factory. The duration of the training period is 5 working days. We recommend two trainees with backgrounds in printing be trained to operate the embossing machine.
The training program will include the following:
Safety.
Embossing cylinder preparation.
Temperature controls and repeat adjustment.
Embossing of hot stamp foils.

Installation on site: Air fare, meals, lodging and local transportation to be payed and provided by the buyer.

Testing Materials: Testing materials for training and installation are to be provided by the buyer.

Delivery time: approx. 24 weeks after receipt of initial down payment.

Terms: 50 % down, 50 % by irrevocable L/C payable at sellers bank upon signature of Certificate of Acceptance at sellers factory.

Optional Equipment &

- Vision System.
- Web Cleaning System.

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- Spare Parts:**
- Complete pressure Rolls with Bearing Blocks
 - Pressure Rolls
 - Bearing Blocks for Pressure Rolls
 - Main Bearings
 - Rotary Joints
 - Pressure Roll Refinishing Kit
 - Cams
 - Shim Clamps
 - 6" Core Chuck Adapters

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