

GENERAL DESCRIPTION (fig. 1)

The laminator 360 is designed for use with any Dry Film Photoresist.

Both rolls are driven and internally heated for uniform application of the Dry Film. The temperature is controlled by two digital reading regulators.

Heat and pressure combination allow to laminate Dry Film to flexible or rigid materials up to 26" (680 mm) wide and 0.13 (3,30 mm) thick.

An exhaust system removes dry film vapours as well as dust from the boards, during lamination.

Materials typically laminated with Dry Film include copper-clad laminate used in the manufacture of printing circuits boards and sheets or rolls of metal for chemical milling.

Dry Film can be laminated to one or both sides of the working material in a single pass through the laminator.

Centering guides are provided for the correct feeding of the panels to the lamination rolls.

The entrance roller feed table and the vacuum exhaust units are removable to allow easier access for roll cleaning.

SAFETY

Emergency stop push buttons are located on each side of the machine for easy access by the operator.

When the machine stops, the pressure is released and the rolls are set apart to prevent hand injury.

MACHINE IDENTIFICATION (fig. 1)

The serial number (together with all the data necessary for machine identification) is stamped on a small plate located just below the air filter unit on the left hand side.

Note

When requesting technical service or ordering spare parts never forget to mention the machine serial number.

TECHNICAL DATA

1) Over-all dimensions:		
— width	1100 mm	43.5 inches
— length	770 mm	30.0 inches
— height	1550 mm	61.0 inches
2) Working height:		
— min.	1010 mm	40.0 inches
— max.	1110 mm	43.7 inches
3) Weight:		
— total net	210 kg	450 Lb
— total gross	330 kg	750 Lb
4) Minimum space for operation and maintenance (see floor plan, paragraph "Installation and preliminary checks")		
	800 mm	32 inches
5) Electrical requirements:		
— standard	single phase, 220/240 V 50/60 Hz + ground	
— power consumption	2,4 kVA	
6) Compressed air:		
— max. pressure	6 kg/cm ²	85 PSI
— air consumption	25 l/min	1 SCFM
— min. pressure	3 kg cm ²	42.5 PSI
7) Exhaust-supplied:		
— at exhaust outlet	± 550 m ³ /h	320 CFM
— at height 3 m (10 FT) and distance 5-10 m (15-30 FT)	340 m ³ /h	200 CFM
— exhaust duct	D 150 mm	6 inches D
LAMINATION CHARACTERISTICS:		
1) lamination speed:	up to 3 m/min	10 FPM
2) max. panel width:	680 mm	26 inches
3) max. dry film width:	610 mm	24 inches
4) max. thickness of the panel:	3,3 mm	0.13 inches
5) min. thickness of the panel:	0,13 mm	0.005 inches

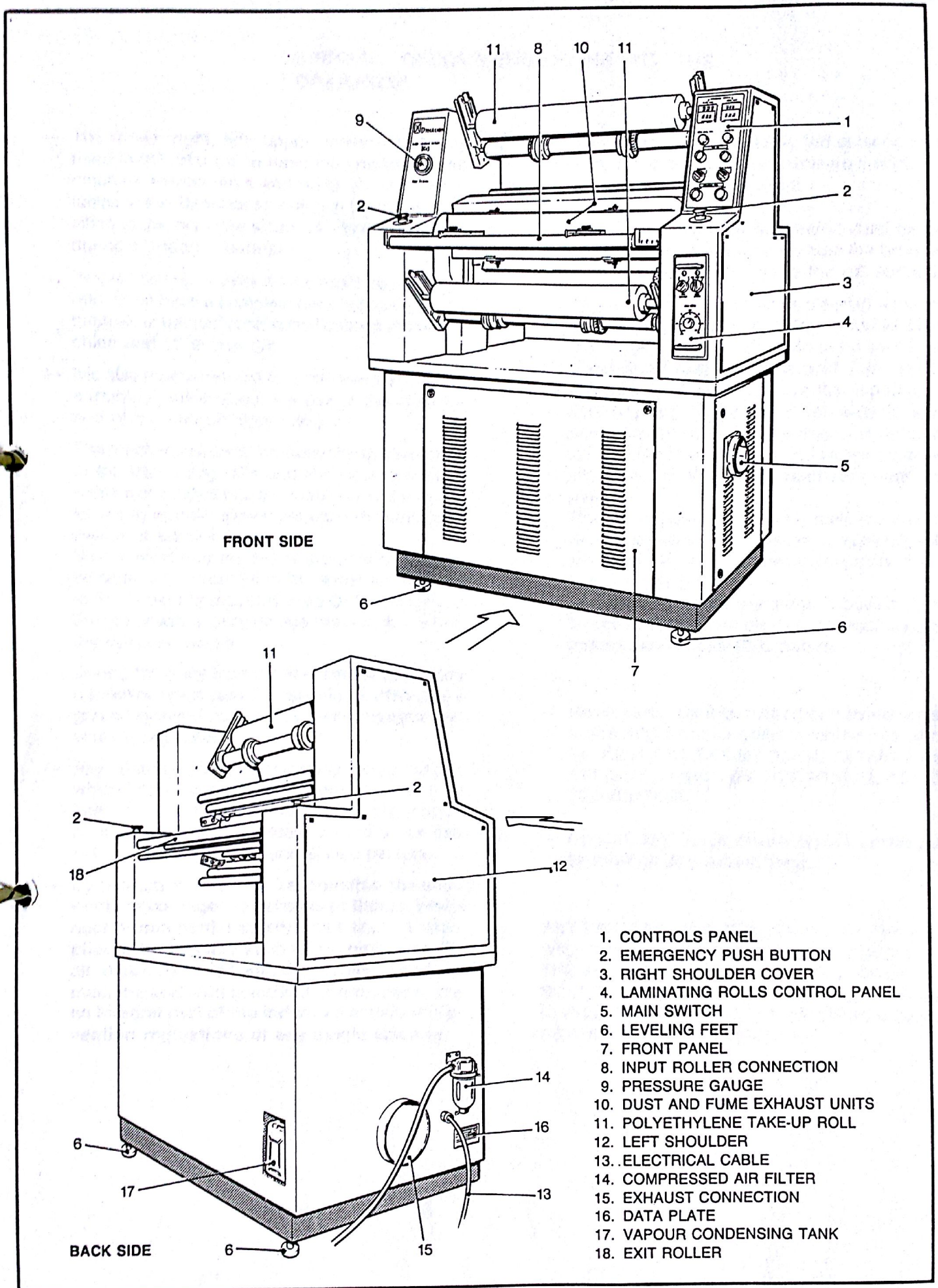


Fig. 1 - GENERAL DESCRIPTION