SPECIFICATION

Physical

Overall dimensions	
Height	16" (40.6cm)
Width	16½" (42cm)
Depth	17" (43.2cm) including data connector and function buttons.

Weight (without paper roll) 84 lb (38 Kg)

The ambient working temperature should not exceed 35°C (95°F) and it should be noted that the temperature of any surface on which the punch is placed must not exceed 40°C (104°F). Attention should be given also, to the ventilation louvres in the punch case and to the cooling fan grill in the punch block assembly cover, which must be kept free from obstructions at all times.

Electrical

Input requirements	
Mains	220/240 volts single phase 50 Hz or 110/120 volts single phase 50/60 Hz to special order. Power consumption 200 VA peak.
Data	Active level + 2.8 volts minimum, + 5 volts maximum. Inactive level + 0.3 volts/- 0.3 volts maximum. Duration 2.8ms minimum 3.4ms maximum. Rise/fall time 20 microseconds maximum. Current consumption 2mA/channel maximum. Negative input level - 0.3 volts maximum.

Paper feed	Two input lines a) single forward step; duration to be coincident with data input. b) single reverse step; asynchronous. Note: unused inputs must be kept at ground level (inactive). Active level + 2.8 volts minimum, + 5 volts maximum. Inactive level + 0.3 volts/- 0.3 volts maximum. Maximum current out 0.04 mA (active). Maximum current in 1.6 mA (inactive). Feed motor trigger point on trailing edge of input pulse.
Inhibit feed	Inactive level + 2.8 volts minimum, + 5 volts maximum. Active level + 0.3 volts/- 0.3 volts maximum. Maximum current in 1.6 mA (inactive). Maximum current out 0.04 mA (active).
Output signals	Tight tape condition + 5 volts. Normal condition ..... 0 volts. (Monitor point on contact 'SS').
Punching capacity	Maximum number of punches energised simultaneously ..... 8. Maximum mean number of punches to be operated per character over a ten minute period at maximum punching speed ..... 4. One punch may not be operated continuously for more than four seconds.
Punching speed	20 characters per second maximum.