LP 720
LINE PRINTER

Standard 48, 64 or
96 character sets

Character sets easily
exchanged

ICL

LP 720 LINE PRINTER

The LP-720 is a band printer which is available with 132 print positions. It can operate at 720, 600 or 440 lines per minute using standard exchangeable character bands with 48, 64 or 96 character sets respectively.

The standard character font is OCR B. The hopper and stacker can hold forms up to 16.75 inches wide stacked up to 10 inches high. The LP-720 is connected to a DCU via an integrated coupler within the DCU.

Printing mechanism
The characters are arranged on a steel band that also has timing marks to relate sets and characters. Printing is accomplished by the impact of time-shared hammers. Each band has a total capacity of 384 characters and sets are repeated on each band a number of times according to the basic size of the set. Sprocket-punched stationery is transported by a tractor-drive system.

Specification
Character repertoires
The 48 character set comprises 0 to 9   A to Z   Symbols = & £ , – ( ) ' . * + /
The 64 character set comprises the above plus < _ > $: @ ! % ; " ? [\ ^]
The 96 character set comprises the 64 character set plus   a to z ` { | ‾ } and repeated zero

Printing speeds :
Dependent on time taken for character set to pass printing station. For example :

Size	No. of sets	Speed (lines/minute)
48	8	720
64	6	600
96	4	440

Font :	ECMA 11 OCR B (Edition 2, October 1971).
Line width :	132 print positions.
Pitch :	10 characters/inch.
Hopper location :	Front of printer.
Maximum stack size :	16.75 inches wide by 14 inches long by 10 inches high.
Paper controls :	Signals 'paper low' and 'paper out' to processor.
Stacker :	Holds forms up to same size as hopper.
Stationery width :	From 4 to 16.75 inches edge to edge.
Stationery depth :	From 8 to 14 inches.
Maximum number of copies :	Original plus 5 copies.
Ribbon :	Two inches wide – transverse action with automatic reversal.
Spacing :	6 or 8 lines/inch.
Paper throw :	20 inches per second.
Format control :	Under software direction.

Dimensions

Width	Depth	Height	Weight
864mm	673mm	1130mm	136kg
(34.0in)	(26.5in)	(44.5in)	(300lb)