

IC3645

Charaband Printer

- A FAST LINEPRINTER
- WITH SUPERB PRINT QUALITY
- EXCHANGEABLE CHARACTER SETS
- POWERED PAPERSTACKER
- NOISELESS



General

RC 3645 Charaband Printer is a high performance printer. It includes the flexibility of a train or chain printer, the speed of a drum printer and the quality of a typesetting machine. These aims are achieved by the use of a character-carrying band known as CHARABAND, held against a series of sealed bearing rollers by a permanent magnetic field. The Charaband consists of 384 double ended steel type slugs embedded in a belt of specially developed synthetic rubber, thus forming a band that can be driven continuously with virtually no mechanical wear.

Since the type slugs are double ended, each Charaband may contain two different character sets. The Charaband can easily be reversed by the operator, or replaced by another Charaband. A Charaband containing a 48 character set repeated 8 times, giving a print speed of 1500 lines per minute with single line spacing, or 1130 lines per minute if the reduced band speed is selected for superb print quality. Standard character sets are available. Special character sets to user specification are available on request.

The speed of the RC 3645 is very dependant on the length of the character set chosen.

A powered forms stacker is a part of the RC 3645 Charaband printer. The stacker refolds forms along their original fold lines after they have been printed on and stacks them in an output tray. The stacker will handle forms with fold lengths of 5-1/2 through 14 inches.

Specifications

Print Rate:

Character set	16×24 ch.	12×32 ch.	8×48 ch.	6×64 ch.	4×96 ch.	3×128 ch.	2×192 ch.
Normal charaband speed	2000	1920	1500	1220	905	715	500
Reduced charaband speed	1805	1505	1130	905	645	500	345

Line Density:

6 or 8 lines per inch.

Character Density:

10 characters per inch.

Print Positions:

136

Paper Width:

5-1/8 inch to 18³/₄ inch.

(over-all width including 1/2 inch margin on each side).

Paper Type:

Sprocket feed.

Single part: 15 lb minimum, maximum thickness .020 inch.

Multi part: up to 6 part forms. Typical forms consisting of 12 pound bond and 6 to 8 pound carbon.

Card stock, 15 to 125 lbs.

Standard Features:

Powered stacker

12 channel VFU

Phacing and penetration control

Static eliminator

Parity check

Charaband speed selector

Paper low detector

Hammer verifier

Two slow speeds

Extended Form Bay – (accommodates up to 12 inch stationary).

Castors

Acoustical Noise:

Maximum 60 dB (unweighted)

Power Consumption:

3.300 W 220 VAC

Heat Dissipation:

3.300 W, 2. 838 KCAL/h, 10253 BTU/h.

Dimensions

Height:	116.8 cm	46 inch
Width:	123.2 cm	48.5 inch
Depth:	123.2 cm	48.5 inch
	including	
	powered stacker	
Weight:	431 kg	950 pounds
	including	
	powered stacker	

