

# **RC3645**

## **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       |

|                           |  |
|---------------------------|--|
| <b>Line Density:</b>      | 6 or 8 lines per inch.   |
| <b>Character Density:</b> | 10 characters per inch.  |
| <b>Print Positions:</b>   | 136  |
| <b>Paper Width:</b>       | 5 7/8 inch to 18 3/4 inch.<br>(over-all width including 1/2 inch margin on each side).   |
| <b>Paper Type:</b>        | Sprocket feed.<br>Single part: 15 lb minimum, maximum thickness .020 inch.<br>Multi part: up to 6 part forms. Typical forms consisting of 12 pound bond and 6 to 8 pound carbon.<br>Card stock, 15 to 125 lbs.   |
| <b>Standard Features:</b> | Powered stacker<br>12 channel VFU<br>Phacing and penetration control<br>Static eliminator<br>Parity check<br>Charaband speed selector<br>Paper low detector<br>Hammer verifier<br>Two slow speeds<br>Extended Form Bay – (accommodates up to 12 inch stationary).<br>Castors |
| <b>Acoustical Noise:</b>  | Maximum 60 dB (unweighted)   |
| <b>Power Consumption:</b> | 3.300 W 220 VAC  |
| <b>Heat Dissipation:</b>  | 3.300 W, 2. 838 KCAL/h, 10253 BTU/h.   |

## Dimensions

|                |                              |            |
|----------------|------------------------------|------------|
| <b>Height:</b> | 116.8 cm                     | 46 inch    |
| <b>Width:</b>  | 123.2 cm                     | 48.5 inch  |
| <b>Depth:</b>  | 123.2 cm                     | 48.5 inch  |
|                | including<br>powered stacker |            |
| <b>Weight:</b> | 431 kg                       | 950 pounds |
|                | including<br>powered stacker |            |

