

Highlead GC1988-MDZ

Single needle lockstitch sewing machine with automatic thread trimmer & Direct Drive Motor System



The Highlead GC1988-MDZ lockstitch industrial sewing machine with automatic under-bed thread trimmer features a direct drive motor system. A powerful compact servo motor is fitted directly inside the sewing machine head, which replaces the bulky motor normally found under the table on conventional models.

The Direct Drive motor system offers improvements including: quick start and stop, accurate positioning, low noise, little vibration, smooth acceleration and greater responsiveness for the operator.

Its equipped with a automatic thread trimmer which is mounted under the needle plate for quick & accurate cutting of thread at the end of a sewing cycle. This saves considerable time when compared with manual cutting of threads using scissors etc.

The position of the needle is controlled electronically and will automatically put the needle in an UP or DOWN position at the end of a sewing cycle: reducing the need to use the manual hand wheel.



Direct Drive Motor System

The oiling system has been completely redesigned and runs from a mini self contained and sealed lubrication box which greatly reduces contamination and oil staining of garments etc.

Energy efficiency comes as standard with the servo motor only running when you are actually stitching. The motor drive is transmitted directly inside the sewing machine head, with-out a v-belt, reducing energy loss etc.

The Highlead GC1988-MDZ has many programmable & time saving functions which include: Automatic start & end back-tack, Stitch sewing program, Multi stitch count program, Label sewing and Bar-tacking options etc. These functions can be set & switched on or off from the included digital stitch control panel.



As well as the automatic thread trimmer and electronic functions, it still has the standard features which users are familiar with, e.g.: manual reverse lever, stitch adjusting dial, top mounted bobbin winder, hand or knee operated foot lifter etc.

These standard features have also been complimented with the fitting of: a knuckle operated reverse device which is positioned just above the sewing foot area and allows operators to put the machine in reverse with-out having to move their hand to the manual lever. An electric thread wiper controls the thread end after cutting and helps reduce thread bunching-up when you start sewing.

An optional automatic electric foot lifter device is available and fits on the back of the sewing machine head (if fitted this replaces manual knee lifter).

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DIRECT DRIVE SEWING MACHINE



Specification:

- Max sewing speed: 5000spm
- Stitch length: 1-4mm
- Needle bar stroke: 31.8mm
- Presser foot lift by hand: 6mm
- Presser foot lift by foot: 13mm
- Lubrication: Mini central box type
- Motor: Direct Drive, built into machine head.

