

Highlead GC20698-1-D-FL2

Long Extended Arm

Flatbed Heavy Duty Compound Feed Walking Foot Sewing Machine with automatic thread trimmer



The Highlead GC20698-1-D FL2 is a special extended single needle **long arm** flatbed machine with automatic thread trimmer and electronic needle position control.

The sewing machine arm has been extended to give approximately 635mm* clearance to the right of the needle, which is around **2.5 times bigger** than a standard machine arm.

It features a triple feeding action by way of: bottom feed, needle feed and walking foot top feed and is fitted with a large vertically mounted hook & base for use with medium to heavy weight materials.

The machine is equipped with an **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 thread trimmer is electronically controlled and uses electric impulse solenoids to move the cutting knives.

The position of the needle is controlled by an **electronic needle position motor** & controller. This will automatically put the needles in an UP or DOWN position (selectable) at the end of a sewing cycle: reducing the need to use the manual hand wheel. This function is of particular use on long arm machines as the hand wheel is further away from the sewing area.

A safety clutch is fitted to help prevent damage to the hook, bevel gears and other important parts, should the machine become jammed or over-loaded.

The Highlead GC20698-1-D FL2 is a feature packed extended long arm machine and as well as compound feed (bottom feed, needle feed & walking foot) and automatic thread trimming, it comes as standard with programmable auto back-tack, auto reverse, knuckle quick reverse and built in stitch program module. An optional air operated automatic foot lifter is also available.

It is fitted with the latest quiet & energy efficient electronically controlled heavy duty servo motor, which only runs when you are actually sewing; If you pause or stop: the motor stops immediately and is almost silent.

The Highlead GC20698-1-D FL2 is a long arm, single needle, needle feed, walking foot machine with UBT, for use on medium to heavy weight materials and is aimed at job applications where a standard arm sewing machine is not suitable.

Examples:

Large covers, upholstery panels, car trimmings, inflatable products, bouncy castles, awnings, tents, parachutes, gliders, hot air balloons, sails, lorry curtain sidings, top stitching leather etc, + many other large items..



Features:

- Extended long arm, 635mm* clearance
- Triple feeding action
- Long stitch feature
- Large vertical axis hook & base
- Automatic thread trimmer
- Reverse stitch lever & Auto reverse
- Hook safety clutch
- Top mounted bobbin winder
- Quiet balanced head

Specification:

- Max sewing speed: 1800rpm
- Stitch length: 0-9mm
- Needle bar stroke: 36mm
- Take up stroke: 74.5mm
- Presser foot lift by hand: 8mm
- Presser foot lift by foot: 16mm
- Hook: large Vertical type
- Lubrication: Manual



GC20698-1-D-FL2 Fitted With:

- Electronic servo motor with automatic needle position.
- Stitch program control input panel.
- Knuckle quick reverse system.
- Automatic solenoid reverse system.
- Electronically controlled automatic thread trimmer.
- Automatic air operated foot lifter unit