

Highlead GG80018-760HA-P2

Extra Heavy Duty Zigzag Sewing Machine with Long & High Arm



The new Highlead GG80018-760HA-P2 is a specialist extra long arm Zigzag sewing machine designed for use with heavy & extra heavy weight materials.

The sewing machine arm gives approximately 760mm clearance to the right of the needle, which is around **3 times** the length of a standard arm Zigzag machine. The extra long arm clearance is very useful when sewing larger items, for example: sails, tents, covers etc.

The high under arm clearance is approximately 260mm which is over twice the clearance of a normal industrial Zigzag machine.

The extra long arm + high arm is factory cast for strength & stability. (Not a cut and piece extended arm)

For added versatility this Highlead model incorporates a quick change cam system which allows you to alter the machine from a standard 2 step Zigzag to a 3 Step Zigzag or even a 4 Step Zigzag by using optional stitch pattern cams.

A high foot lift clearance of up to **20mm** allows for heavy & bulky material to be sewn. The foot lifter mechanism is pneumatically assisted and lifts automatically.

The extra large shuttle hook and bobbin capacity reduces the number of bobbin changes and offer high efficiency in sewing products using extra thick thread up to size V207 (including sizes V69,V92,V138 etc).

The position of the needle is controlled by an electronic needle position motor & controller. This 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; this is of particular use on long arm models. The electronics also control the automatic foot lifting & reverse devices.

To ensure a powerful and steady feed action this model has bottom feed which is combined with a back mounted puller feed assembly.

Features*:

- Extra heavy weight Zigzag sewing
- **Extra long Arm (x3)**
- **High Arm (x2.2)**
- Large 204 style shuttle hook
- **Up-to 12mm large Zigzag width**
- Up-to 10mm stitch length
- **Cam Pattern change device (2, 3 or 4 step options)**
- Electronic needle position motor
- **Built-in Puller feed device**
- Auto pneumatic foot lifter device
- Auto Puller feed lifter device
- **Pneumatic reverse / back tack device**

Specification*:

- Max sewing speed: 700rpm
- **Working Area: 760mm x 260mm**
- Stitch length: up-to 10mm
- Zigzag width: up-to 12mm
- **Zigzag type: 2 step or 3 step or 4 step (by optional cams)**
- Needle bar stroke: 50.8mm
- Take up stroke: 106.8mm
- **Presser foot lift: 20mm**
- Needle size: DYx3 **size 26** etc
- Maximum thread size: V207
- Electronic motor: 230V 50Hz
- Compressed Air required: Yes



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*All Speciation's and sizes are approximate and subject to change with-out notice.

Other HIGHLEAD Zigzag models:

[HIGHLEAD GG0028](#) Heavy duty Zigzag

[HIGHLEAD GG0028](#) Extra Long arm Zigzag

[HIGHLEAD GG00328-1](#) Walking foot Zigzag

[HIGHLEAD GG80018](#) Long Arm Extra heavy

[HIGHLEAD GG0068-1](#) High Speed Zigzag

