The standard 1-needle type machine that delivers the basic functions and performance best suited to the sewing of heavy materials.

The maximum stitch length is 10mm. The complete rectangular feed locus enables accurate feed of extra heavy materials while preventing stitch gathering.

With its sufficient needlebar stroke of 38mm and long 150R needle, the machine supports the sewing of extra heavy materials.

The machine comes with an extra large steel handwheel with a diameter as large as φ175.

Automatic lubricating mechanism improves maintainability. The machine is provided with a sub oil pan and double filter to keep dust from entering the oil.

The machine is equipped with a bottom-feed adjusting mechanism that adjusts the amount of bottom-feed while keeping the needle feed fixed. With this adjusting mechanism, the machine can prevent uneven material feed without changing stitch pitches.

The stitch length can be easily selected by the stitch dial.

The machine is provided with many improved features that offer enhanced operability such as an easy-to-observe area around the needle, placement of the bobbin winder on the front face of the machine arm, and a large handwheel (φ160).

A knee-lifter mechanism is built in the bed. This reduces the pressure required to operate the knee-lifter and facilitates setup. (Machines equipped with automatic thread trimmer are excluded.)

The machine is full-open-type top design makes it possible to fully open the top of the machine arm. Thanks to this design, adjusting works can be done without tilting the machine head.

The machine is equipped as standard with a safety clutch for preventing hook breakage. Reset work can be done simply by pressing a button.

Improved operability.

The organized split needle bar mechanism makes it possible to stop or reset the left or right needle by operating a one-touch utility lever: The machine produces neatly finished stitches at corner parts of the material.