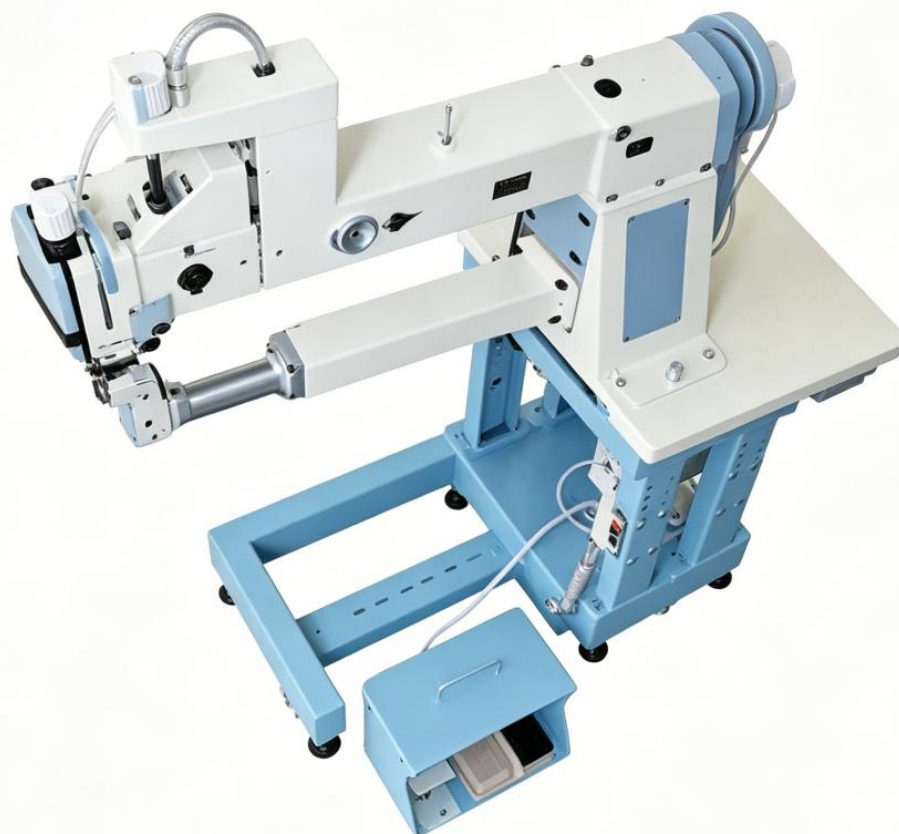


GR-267FB/A Horizontal Sewing Machine for Luggage & Cases



Product Parameters, Application Scenarios & Industries, Operating Instructions

1. Core Product Parameters

Model: GR-267FB/A (Type A Straight Arm)

Stitching Speed: 600 rpm

Stitch Length: 3 – 12 mm (adjustable)

Max. Sewing Thickness: 2 – 10 mm

Needle: DD*1

Stroke of Needle Bar: 54 mm

Presser Foot Lift: 20 mm

Head Lift: 50 mm (for easy insertion of large workpieces)

Motor: 750W / 220V Servo Motor

Net Weight: 316 kg

Overall Dimensions (Type A): 158 × 68 × 170 cm (L × W × H)

2. Application Scenarios & Industries

Main Applications

Center zipper assembly for hard luggage / rolling suitcases

Side seams, gussets, expandable panels and front cover zipper sewing

Heavy-duty sewing for hard cases, soft cases, PC luggage, ABS cases, fabric luggage

Applicable Industries

Luggage & suitcase manufacturing

Leather goods & soft packaging

High-end outdoor bags & backpacks

Special cases: military/aviation cases, equipment cases, instrument cases

3. Operating Instructions (Simplified)

3.1 Pre-operation Inspection

Oil level: maintain at 1/2 - 2/3 of the sight glass

Ensure correct threading without tangling

Check that presser foot, needle position and safety covers are securely fastened

Verify power supply, foot pedal and emergency stop function

3.2 Basic Operation

Power on → wait for system self-check

Speed control: foot pedal (light press = slow, deep press = fast)

Stitch adjustment: set 3 - 12 mm via dial

Head lifting: manual or automatic lift up to 50 mm

Presser foot: automatic or manual lift up to 20 mm

Needle stopping position: computer-controlled (up/down)

3.3 Threading & Bobbin

Top thread: thread stand → tensioner → thread guides → needle

Bobbin thread: fill bobbin fully → install in shuttle hook → draw up bobbin thread

Stitch tension adjustment:

Tight top thread: loosen top tension nut

Tight bobbin thread: loosen small screw on bobbin case

3.4 Maintenance

Daily: clean needle plate, feed dog and remove lint

Weekly: check oil level and add special sewing machine oil

Monthly: inspect drive belt, connecting rods and fasteners

Prohibited: dry running, forced sewing on overly hard or thick materials

3.5 Safety Rules

Keep hands away from needle and shuttle hook area while running

Disconnect power before changing needles, cleaning or adjusting parts

Tie long hair and avoid loose clothing or accessories near moving parts

In emergency: press emergency stop → turn off power