

TYPICAL

TW1-1591 E-M // E-BH

Full electronic post-bed sewing machine with wheel feed, driven roller presser and needle feed



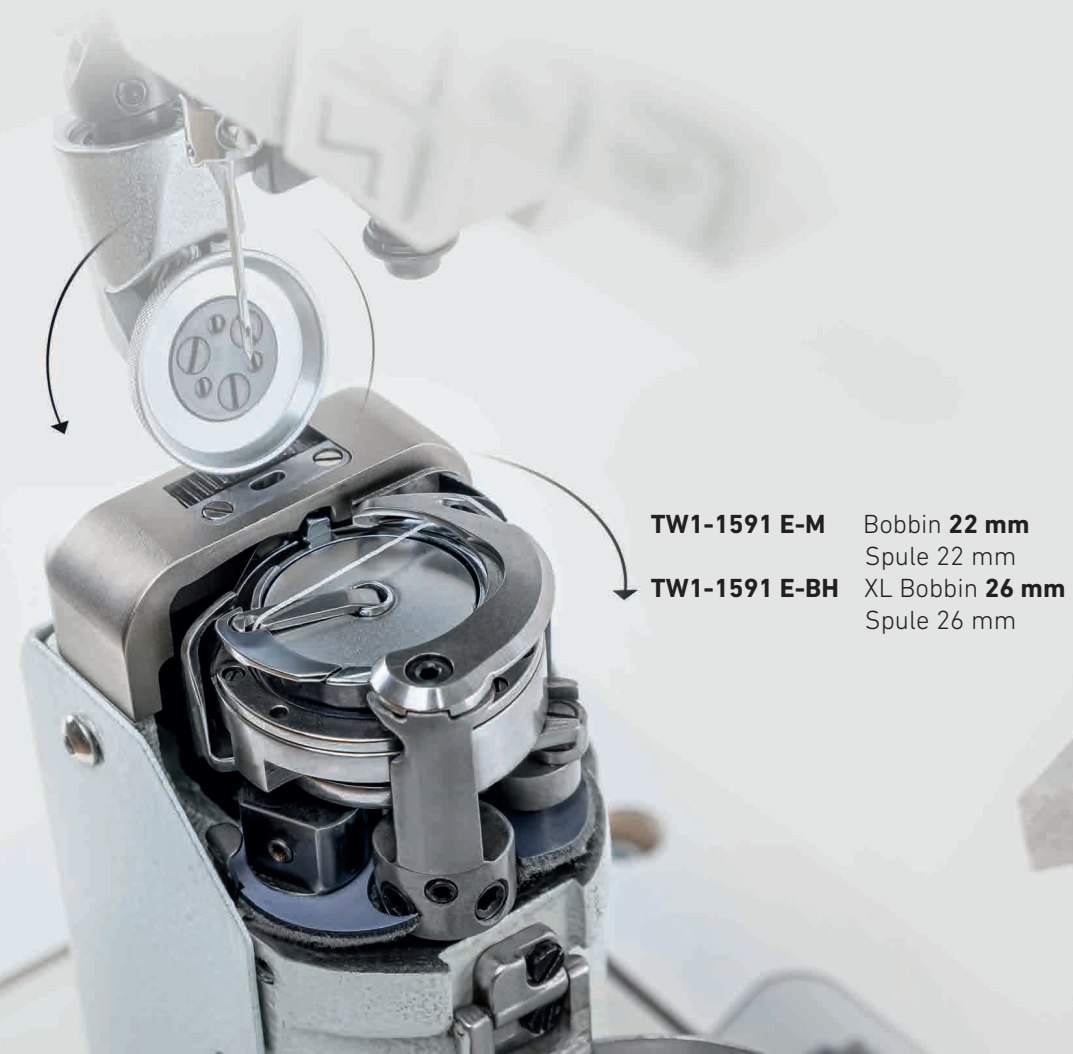
Features

- » 5-inch high-resolution color screen for easy and fast operation
- » Electronic knee switch for example: stitch length change, reverse stitch, presser foot lift
- » Direct drive on the arm shaft ensures better power transmission and higher puncture force
- » Guaranteed „stitch-in-stitch“ by back tack
- » Additional electrical back tack lever in traditional position
- » Wheel feed, driven roller presser and needle feed are controlled by stepper motors
- » Stitch lengths are reproducible at any time
- » Programmable differential feed (+/- 1.0 mm) for top and bottom feed
- » No stitch length difference when transferring sewing programs from machine to machine
- » Easy adjustment of stitch lengths and back tack stitch on the control panel
- » High seam quality for functional and decorative seams
- » Multifunction button in easy reach of the operator
- » Integrated LED sewing light with 3 lighting levels and colour change for fluorescent markings
- » Easily adjustable thread trimmer (up to 15/3 syn.)
- » Overload clutch for hook protection
- » Simplification of the sewing process by programming seam sections.
- » Programs can be transferred to the machines via USB
- » No compressed air required

TYPICAL TW1-1591 E-BH for medium to heavy materials

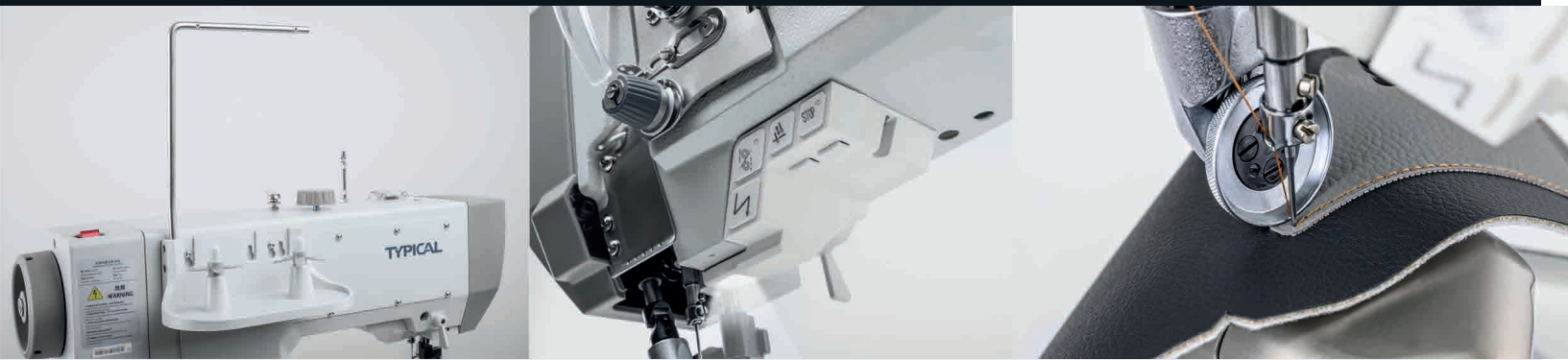
The TW1-1591 E-BH is equipped with a large hook (bobbin 26 mm) for more bobbin thread.

The preferred area of application for this series are the production of hiking, snow, safety shoes and military boots. Decorative and assembly seams on hard leather and thick bobbin threads can be processed easily and with the highest stitch quality.



Technical data

- » Stitch type 301
- » Max. sewing speed 3.000 spm
- » Bobbin diameter **E-M** 22 mm / **E-BH** 26 mm
- » Max. Stitch lenght 7 mm
- » Needle system 134 PCL
- » Needle size **E-M** 70-100 Nm / **E-BH** 100-130 Nm
- » Diameter of roller presser 28 mm (option 26 mm / 30 mm)
- » Clearance under roller presser max. 12 mm
- » Clearance under the arm 245 x 275 mm
- » Connection voltage, single-phase a.c. 230 V, 50/60 Hz



						SYSTEM							
TW1-1591 E-M	3.000	0-7	•	28	22	134 PCL	1x301	•	245	12	•	•	L/M
TW1-1591 E-BH				(26/30)	26	134 PCL							100-130

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