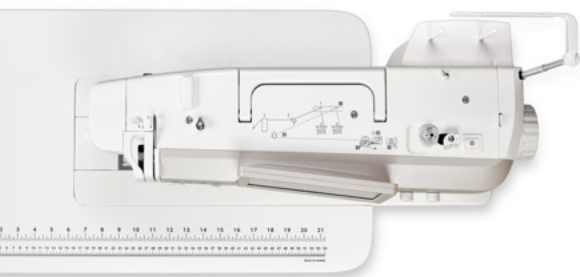




eXcellence 790PRO

semi-professional computerized sewing machine



NEXT-GENERATION SEWING

Looking for amazing space, prodigious power and unlimited technical and creative possibilities? Here is our all-new eXcellence 790PRO! The breakthrough model that perfectly meets the highest expectations of sewists and quilters:

- flat-bed design inspired by professional machines and full aluminum construction
- extra-large sewing area and wide 7" high-definition, color touch screen
- powerful motor giving up to 1300 stitches/min. and strongest needle penetration
- high-illuminance LED lighting in 4 areas



SEWING BECOMES A BREEZE!

Experience uniquely smooth, silent and vibration-free operation granted by robustness and stability. Automated functions will assist you to boost perfection, performance and ease-of-use, even with the most ambitious sewing projects:

- automatic thread tension adjustment
- automatic control of foot pressure with fabric sensor and of presser foot lifter
- optical bobbin sensor with advanced monitoring of low thread level
- digital needle-plate conversion
- independent bobbin winding motor



INTELLIGENT FEEDING

The overall feeding system has been extensively enhanced and provides higher accuracy and easier control:

- state-of-the-art feed dog design captures fabric for accurate feeding
- ADF feeding system with automated dropping of feed dogs when presser foot rises, enables smooth positioning and removal of fabric
- fully integrated Dual Feed system with own motor enables better feeding of layers and on-screen balancing
- removable Dual Feed Plus feet included

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Technical features



GENERAL

- Flat bed design
- Full aluminum body
- Extra-large sewing space W 343 x H 140 mm
- Extra-large 7" HD colour touch screen (H 91.4 x W 152.4 mm)
- Multi-language, easy navigation display
- Built-in needle threader Superior System
- Horizontal rotary hook with top-loading bobbin
- Optical bobbin thread sensor for low level monitoring
- Bobbin winder with separate motor
- Telescopic double spool stand
- Superior feeding system with ADF automated dropping of feed dogs and state-of-the-art 7-piece feed dog
- Advanced Dual Feed system with direct on-screen control
- Dual Feed and Dual Feed Plus system for use of wide and narrow feet
- Automatic thread tension control
- Automatic presser foot pressure adjustment
- Automatic presser foot lifter
- Extra-high presser foot position
- Clip-on easy conversion presser foot
- Automatic one-step needle-plate conversion system
- Professional HP needle plate, HP and HP2 feet included
- Adjustable knee lifter
- Large foot controller
- Remote thread cutter switch
- 9 high-illuminance LED lights in 4 areas
- 3 MB integrated memory
- USB port
- Extra-large table with drawer for accessory storage
- Machine size W 650 x H 371 x D 259 mm
- Machine weight 17.3 kg



SEWING

- Adjustable stitch width maximum 9 mm
- Adjustable stitch length maximum 5 mm
- 400 stitch patterns
- 12 one-step automatic buttonholes, 1 sensor buttonhole
- Alphabet in 3 fonts (Block, Script, Broadway)
- Capital letters and numbers available in 9 mm
- Adjustable sewing speed up to 1300 stitches per min.
- Pattern combinations including up to 100 stitches
- Favorite Stitch function to save customized stitch settings
- Sewing Guide with directions for 22 sewing and quilting tasks
- Quilt Block Advisor to calculate the size and number of pieces
- Stitch Composer stitch creation software
- On-screen help
- Variable zigzag
- Stitch tapering function
- Ruler work function
- 91 variable needle positions



FUNCTIONS WITH DIRECT ACCESS

- Start / Stop
- Reverse sewing
- Automatic lock stitch
- Up / Down needle position
- Automatic presser foot lifter
- Automatic and programmable thread cutter
- Speed control slider



STANDARD ACCESSORIES

- 21 presser feet
standard A, rolled hem D, zipper E, invisible zipper Z, satin stitch F, open-toe satin stitch F2, blind hem G, overlock M, 1/4" seam O, 1/4" seam without quilting guide O, free-motion quilting: closed-toe QC, open-toe QO and zigzag QV; ruler work QR, variable zigzag QZ, closed-toe darning PD-H, open-toe darning PD-H, automatic buttonhole R with stabilizer plate, button sewing T, Dual Feed AD (wide type), Dual Feed Plus HP2 (narrow type), professional grade 1/4" seam HP
- 3 needle plates:
standard, straight stitch, professional grade HP
- Others
button shank plate, quilting guide bar, bobbins, seam ripper, needle set, lint brush, spool holders, (small, large and special), spool rests, spool nets, screw-driver small, touch panel stylus
- Knee lifter
- Large foot controller and thread cutter switch
- Extra-wide extension table with accessory drawer
- Accessory case
- Semi-hard fabric cover
- PC Application Pack (Stitch Composer software, Quilt Block Advisor, Screen Saver)
- Instruction video online at:



OPTIONAL ACCESSORIES

You will find all optional accessories for this model, on the elna website at www.elna.com