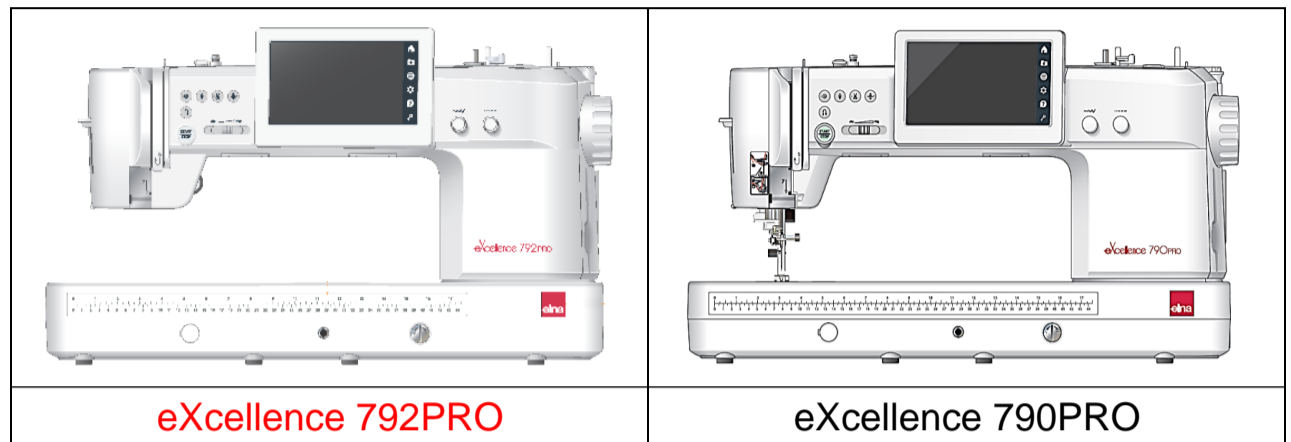


eXcellence 790PRO

SPECIFICATION SHEET



| MACHINE OVERVIEW | | |
|---|---|----------------------------|
| Classification | Computerized sewing machine | ← |
| Body construction | Painted aluminum body | ← |
| Bed type | Flat bed | ← |
| Machine size | W 650 x H 371 x D 259 mm | ← |
| Machine weight | 17.4 kg | 17.3 kg |
| Work space | W 343 x H 140 mm | ← |
| Height under face plate | 80 mm | ← |
| Rotary hook | Horizontal full rotary hook | ← |
| Spool holder | Telescopic double spool stand | ← |
| Top cover | No | ← |
| Face plate | Fixed type | ← |
| Extension table | No | ← |
| Carrying handle | 90°Rotary short type (191 mm) | ← |
| TECHNICAL FEATURES | | |
| Operation | Start/Stop button & Foot controller | ← |
| Screen type | HD color LCD | ← |
| Touch screen | Yes (LCD touch screen) | ← |
| Screen size (mm) | H 91.4 x W 152.4 mm (7 inches) | ← |
| Multi-language display | 15 languages (English, French, Spanish, German, Dutch, Italian, Swedish, Danish, Finnish, Norwegian, Russian, Portuguese, Polish, Czech, Turkish) | ← |
| Built-in needle threader | NEW! Superior System v2 (manual) | Superior System (manual) |
| Bobbin winder | Separate motor | ← |
| Maximum bobbin winding speed | 2000 rpm | ← |
| Winding the bobbin with the machine threaded | Yes | ← |
| Stop winding the bobbin automatically | Yes | ← |
| Automatic thread cutter | Yes (Sensor motor) | ← |
| Remote thread-cutter port | Yes (on foot controller) | ← |
| Thread cutter | Face plate | Yes |
| | Top cover | Yes |
| | Bobbin winder | Yes |
| | Easy set bobbin | Yes |
| Dual Feed system | Large & Narrow (Plus) type | ← |
| | Mechanism Operation | Advanced On screen setting |
| Thread tension control | Automatic | ← |
| Upper thread sensor | Yes | ← |
| Bobbin thread sensor | Yes (optical) | ← |
| Automatic presser foot lifter | Yes | ← |
| Presser foot lifter safety device | Yes | ← |
| Presser foot pressure control | Automatic (fabric thickness detection) | ← |
| Presser foot type | Easy conversion clip-on type | ← |
| Automatic needle-down / foot-up option for pivoting | Yes | ← |
| Needle up/down stop function | Yes (with memory function) | ← |
| Automatic needle stop position | Down as default setting | ← |
| Thumb wheel to check needle drop position | NEW! Yes | No |
| Feed dog | 7 pieces / Enhanced design | ← |
| Drop feed dog | Automatic | ← |

| | | | |
|---|----------------------------------|--|--------------|
| Drop feed dog sensor | | Yes | ← |
| Needle plate conversion | | Automatic, one-touch replacement | ← |
| Accurate Stitch Regulator (A.S.R.) | NEW! | Yes | No |
| including 4 presser feet (see below) and special case | | | |
| Knee lifter | | Yes | ← |
| Lighting | | 9 white LEDs in 4 areas | ← |
| Retractable front lamp | | No | ← |
| Multi-voltage | | Yes | ← |
| External media type | | 1 USB port | ← |
| Built-in memory | | 3 MB | ← |
| On-screen help | | Yes | ← |
| On-screen clock | | Yes | ← |
| ErP function (automatic power off time setting) | | Yes | ← |
| SEWING FEATURES | | | |
| Built-in stitches | NEW! | 450 stitches | 400 stitches |
| Maximum stitch width (mm) | | 9 mm | ← |
| Maximum stitch length (mm) | | 5 mm | ← |
| Stitch width adjustment | | Touch screen + Encoder | |
| Stitch length adjustment | | Touch screen + Encoder | |
| Needle positions | | 91 positions (Resolution: 0.1) | ← |
| Alphabet | Latin alphabet | 3 fonts (Block/Script/Broadway) | ← |
| | 9 mm capital letters and numbers | 1 font (Block) | ← |
| | Additional alphabets | Cyrillic | ← |
| Number of buttonholes (BH) | | Sensor BH: 12, Automatic BH: 1 | ← |
| Buttonhole foot for thick fabrics | | Yes | ← |
| Buttonhole automatic stop | | Yes | ← |
| Reverse sewing button | | Yes | ← |
| | In operation: | Press: reverse at setting speed Release: sew forward | ← |
| | Stopped/paused: | Press: reverse at slow speed Release: stop with the needle up | ← |
| Automatic lock stitch button | | Yes | ← |
| Pattern selection | | Direct stitch selection on touch screen | ← |
| | Quick stitch selection | Yes | ← |
| Sewing application | | Yes | ← |
| Maximum sewing speed | Straight stitch: | 1300 spm | ← |
| | Zigzag: | 1000 spm | ← |
| Minimum sewing speed | | 60 spm | ← |
| Start with slow speed | | Yes | ← |
| Speed control slider | | Yes | ← |
| Ruler work | | Yes | ← |
| Variable zigzag | | Yes | ← |
| Programming of pattern combinations | | Yes | ← |
| Number of stitches in pattern combination (max.) | | 100 | ← |
| Resuming a pattern from the beginning | | Yes | ← |
| Mirroring of patterns | | Yes | ← |
| Stitch tapering function | | Yes (41 stitches) | ← |
| Design/Pattern combinations storage capacity | | Up to 3MB | ← |
| PC Application pack | | | |
| | Stitch Composer | Yes | ← |
| | Quilt Block Advisor | | |
| | Screen Saver Tool | | |
| Floating mode | NEW! | Yes | No |
| STANDARD ACCESSORIES | | | |
| Zigzag foot A | | Yes | ← |
| Rolled hem foot (3mm) D | | Yes | ← |
| Zipper foot E | | Yes | ← |
| Invisible zipper foot Z | | Yes | ← |
| Satin foot F | | Yes | ← |
| Open-toe satin stitch foot F2 | | Yes | ← |
| Blind hem foot G | | Yes | ← |
| Overedge foot M | | Yes | ← |
| 1/4" seam foot O | | Yes | ← |
| 1/4" seam foot without quilting guide O | | Yes | ← |
| Closed-toe darning foot PD-H | | Yes | ← |
| Open-toe darning foot PD-H | | Yes | ← |
| Free motion quilting closed-toe foot QC | | Yes | ← |
| Free motion quilting open-toe foot QO | | Yes | ← |
| Free motion quilting zigzag foot QV | | Yes | ← |
| Variable zigzag foot QZ | | Yes | ← |
| Ruler work foot QR | | Yes | ← |
| Automatic buttonhole foot R | | (with fine-adjustment stabilizer plate) | ← |
| Button sewing foot T | | Yes | ← |

| | | | |
|---|-------------|--|-----|
| Dual Feed foot AD (large) | | Yes | ← |
| Professional grade foot HP | | Yes | ← |
| Dual Feed Plus foot HP2 (narrow) | | Yes | ← |
| Accurate Stitch Regulator (A.S.R.) device | NEW! | Yes (868835017) | No |
| A.S.R. closed-toe foot ASR-QC | | Yes (868837008) | No |
| A.S.R. open-toe foot ASR-QO | | Yes (868837101) | No |
| A.S.R. clear-view foot ASR-QV | | Yes (868837204) | No |
| A.S.R. ruler work foot ASR-QR | | Yes (868837307) | No |
| A.S.R. case | | Yes (869408010) | No |
| Button shank plate | | Yes | ← |
| Circular sewing pivot pin | | No | ← |
| Straight stitch needle plate | | Yes | ← |
| Professional grade needle plate HP | | Yes | ← |
| Quilting guide bar | | Yes | ← |
| Bobbins | | 5 pcs. (1 pc. on the machine) | ← |
| Screw driver | | Yes | ← |
| Lint brush | | Yes | ← |
| Seam ripper | | Yes | ← |
| Needle set | | Yes / #14 (red), SP#14 (purple), SP#11(blue) x2, twin needle | ← |
| Spool holders (Large) | | 2 pcs. | ← |
| Spool holders (Small) | | 2 pcs. | ← |
| Spool holders (Special) | | 2 pcs. | ← |
| Spool rests | | 2 pcs. | ← |
| Spool nets | | 2 pcs. | ← |
| Additional spool pin | | No | ← |
| Touch panel stylus | | Yes | ← |
| PC Application pack | | For download | DVD |
| Instruction book | | Yes | ← |
| Quick-start video | | Available online | ← |
| Power cable | | Yes | ← |
| Extra-large foot controller | | Yes (with base plate for thread cutting switch) | ← |
| Thread cutting switch | | Yes | ← |
| Knee lifter | | Yes | ← |
| Extra wide table | | Yes (with drawer for accessory storage) | ← |
| Cloth guide | NEW! | Yes (868827005) | No |
| Semi-hard cover | | Yes | ← |
| Accessory case | | Yes | ← |

New / Different features or accessories

IMPORTANT

Specifications subject to change without notice.