



# eXcellence 780+

## SPECIFICATION SHEET



MACHINE OVERVIEW		
Classification	Computerized sewing machine	←
Body construction	Skeleton type	←
Machine size (mm)	W528 × H321 × D243	←
Machine weight	13.2 kg	←
Bed type	Free arm / Flat bed convertible	←
Work space (mm)	W280 x H120	←
Free arm length (from the needle) (mm)	150	←
Rotary hook	Horizontal full rotary hook	←
Spool pin	Horizontal type	←
Top cover	Yes	←
Face plate	Openable type	←
Extension table	Openable type (2 accessory storages) (with the foot storage compartment)	←
Carrying handle	90° rotary short type (435mm)	←
TECHNICAL FEATURES		
Built-in needle threader	Superior System (manual)	←
Thread guide # 7 (additionally for threading the machine)	Yes	No
Winding the bobbin with the machine threaded	Yes (with extra spool pin)	←
Stop winding the bobbin automatically	Yes	←
Multi-language	13 languages (English, French, Spanish, German, Dutch, Italian, Swedish, Finnish, Russian, Portuguese, Polish, Japanese, Turkish)	←
Dual Feed Plus system	Removable - Twin (large) & Single (narrow) type	←
Needle up/down stop function	Yes (with memory function)	←
Automatic needle stop position	Down as default setting	←
Feed dog	7 pieces (9mm zigzag)	←
Drop feed dog	Yes (Manual)	←
Drop feed dog sensor	Yes	←
Knee lifter	Yes (Electronic)	←
Straight needle plate conversion	One-touch replaceable type	←
Automatic thread cutter	Yes (Sensor motor)	←
Remote thread-cutter port	Yes	←
Thread cutter	Face plate	Yes
	Top cover	Yes
	Easy bobbin winder	Yes
Easy set bobbin	Yes	←
Operation	Start/Stop button & Foot controller	←
Bobbin winding	Yes (Auto declutch)	←
Maximum bobbin winding speed	1600 rpm	←
Automatic thread tension control	Yes (Electronic)	←
Upper thread sensor	Yes	←
Bobbin thread sensor	Yes	←
Presser foot lifter safety device	Yes	←
Automatic presser foot lifter	Yes	←
Automatic presser foot pressure control (fabric thickness detection)	Yes	←

Foot pressure adjustment	Automatic	←	
Presser foot change	Clip-on type	←	
Lighting	9 white LEDs in 4 areas approx. <b>1.5 times brighter</b> than eX 780 (3'000 lux)	9 white LEDs in 4 areas (2'000 lux)	
Retractable front lamp	Yes	←	
Multi-voltage	Yes	←	
Touch panel	Yes (LCD touch panel)	←	
Screen size (mm)	H110.9 × W62.8	←	
Screen type	Color LCD with Backlight	←	
External media type	1 USB Host	←	
Pattern selection	Yes (Touch panel)	←	
Direct selection	Yes	←	
Buzzer	Yes	←	
ErP setting (automatic power off time)	Yes	No	
<b>SEWING FEATURES</b>			
Built-in stitches	350 stitches	←	
Stitch width adjusting (mm)	0~9.0	←	
Maximum stitch width (mm)	9.0 (pendulum type)		
Stitch length adjusting (mm)	0~5.0	←	
Maximum stitch length (mm)	5.0		
Needle position	91 positions (Resolution: 0.1)	←	
One-touch slow function	Yes	←	
Start with reverse sewing	Yes	←	
	In operation:	Press: reverse at setting speed Release: sew forward	←
	Stopped/paused:	Press: reverse at slow speed Release: stop with the needle up	←
Auto-lock button	Yes	←	
Maximum sewing speed	Straight stitch:	1060 spm	←
	Zigzag:	1000 spm	
Minimum sewing speed	60 spm	←	
Speed control	Yes (Slider)	←	
Monogramming	Latin Alphabet	3 fonts (Block/Script/Broadway)	
	9mm capitals and numbers	(Block)	←
	Additional alphabets	Cyrillic and Japanese	
Number of stitches in pattern combination	100	←	
Number of buttonhole (BH) stitches	Sensor BH: 10, Auto BH: 1	←	
Buttonhole foot for thick fabrics	Yes	←	
Buttonhole automatic stop	Yes	←	
Design/pattern cueing function	Yes	←	
Max. number of design/pattern saved	Up to 3MB	←	
Mirroring of designs/patterns	Yes	←	
Variable zigzag	Yes	←	
Tapering function	Yes	No	
Ruler work mode (for free-motion quilting ruler)	Yes	No	
Kink preventing device	Yes	←	
<b>STANDARD ACCESSORIES</b>			
Zigzag foot A	Yes (859802006)	←	
Rolled hem foot (3mm) D	Yes (859804008)	←	
Zipper foot E	Yes (859805009)	←	
Satin foot F	Yes (859806011)	←	
Open-toe satin stitch foot F2	Yes (859813000)	←	
Blind hem foot G	Yes (859807001)	←	
Over edge foot M	Yes (859810007)	←	
1/4" seam foot O	Yes (859814001)	←	
1/4" seam foot without quilting guide O	Yes (865522008)	No (Optional: 02313104)	
Closed-toe darning foot PD-H	Yes (859839002)	←	
Open-toe darning foot PD-H	Yes (859839013)	No (Optional: 859839013)	
Free motion quilting closed-toe foot QC	Yes (859836009)	←	
Free motion quilting open-toe foot QO	Yes (859837000)	←	
Free motion quilting zigzag foot QV	Yes (859812009)	←	
Variable zigzag foot QZ	Yes (862895006)	No (Optional: 862895006)	
Ruler work foot QR	Yes (862896007)	No (Optional: 862896007)	
Automatic buttonhole foot R	Yes (862822013/with stabilizer plate/fine adjustment)	←	
Button sewing foot T	Yes (859811008)	←	
Dual Feed foot (twin/large) AD	Yes (859819017)	←	
Professional grade foot HP	Yes (865803006)	←	
Dual Feed Plus foot HP2	Yes (202416005)	No	
Button shank plate	Yes (832820007)	←	
Straight stitch needle plate	Yes (862817118) (Three holes: L/M/R)	←	

Professional grade needle plate HP	Yes (865805008)	←
Bobbin	5 pcs. (1 pc. on the machine)	←
Screw driver	Yes (820832005)	←
Lint brush	Yes (802424004)	←
Seam ripper	Yes (647808009)	←
Needle set	Yes (#14 (red), SP#14 (purple), SP#11(blue) x2, twin needle)	←
Quilting guide bar	Yes (755802001)	←
Spool holder (Large)	2 pcs. (822020503)(1 pc. on the machine)	←
Spool holder (Small)	2 pcs. (822019509)	←
Spool holder (Special)	2 pcs. (862408008)	←
Extra spool pin	Yes (809146000/Horizontal type with thread holder)	←
Touch panel stylus	Yes (860194002)	←
Stitch Composer software	Yes (861827004)	←
Instruction book	Yes	←
Quick-start video (DVD)	Yes	←
Warranty card	Yes	←
Power cable	Yes	←
Foot control	Yes (043170108)	←
Thread cutting switch	Yes (No brand/865810006)	←
Knee lifter	Yes (846417022)	←
Circular sewing pivot pin	Yes (849801004)	←
Extra wide table	Yes (no brand/865812008) Ref.	Yes (elna brand/489011300)
Cloth guide	Yes (858401008)	←
Semi-hard cover	Yes (858802069, Semi-hard cover)	←
Accessory case	Yes (866801018)	No

New / Modified features or modified reference number only

IMPORTANT

Specifications subject to change without notice.