

# APQS machine features

At APQS we believe quilting should be fun!

That is why our machines include numerous functions and features that allow you to quilt effortlessly for hours. If you're looking for a lifelong relationship with more than simply a quilting machine, APQS is for you!



## Stitch regulator

Our stitch regulator is the most precise in the industry, using our exclusive Adaptive Logic Stitch Regulation™. It provides accurate stitches – where you want them, when you want them. Most stitch-regulated machines simply measure the distance moved. The APQS stitch regulator measures speed and direction to ensure superior stitch quality at all times, especially for stops and starts, making it perfect for points and corners.



## Horizontal wheels

Our machines are perfectly balanced on a horizontal wheel system that gives you ease of movement you need to stitch beautiful motifs easily with superb handling. It includes a set of wheels directly below the head for forward and backward movement, and another set of carriage wheels for sideways movement. The result? You can sew in any direction with total ease. Or, check out our Bliss™ track system as an optional accessory.



## LED lighting with built-in black light (shown in black light)

Bright clear lighting of your workspace increases your accuracy and makes quilting easier. Our machine's LED illuminates your work area with bright light so you can see every stitch, every detail. The light is mounted on the machine and moves with you as you move around the pattern.



## Interchangeable hopping foot

Your machine comes ready to accept different optional feet for the different kinds of quilting you do. This makes it simple to change out the machine's standard template hopping foot to an optional open toe design.

The foot height can be adjusted up and down depending on the thickness of batting and/or fabric. Several optional accessory feet are available to help you explore other quilting techniques with your new longarm. Interchangeable feet are available as a kit (shown) or sold individually.



## Bobbin options

When you purchase an APQS machine you have the option between two bobbins: Smart Bobbin® (L) or Big Bobbin® (M). This gives you the ability to customize your machine to your taste and style of quilting.



## Single stitch button

Easily bring the bobbin thread to the top to keep the back of your quilt free from thread tails. Whether you like to tack your starting/ending stitches or knot & bury, you can control it all with the touch of a button.

Our single stitch button makes bringing the bobbin thread to the top a simple task and it helps simplify basting stitches.



### Variable needle speed

Different types of quilting require a quilter to dial in the speed of the needle to match the complexity of the design. A touch of the button gives you the control you need without having to navigate through a series of menus. APQS quilting machines give you the ability to control the stitches per minute anywhere from 0-3500 for Millie, Millie30, Freddie and Lucey to 0-2400 for Lenni, Larry and George.



### Simple disc thread tensioner

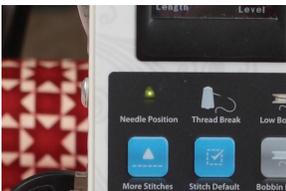
APQS uses the highest quality industrial-grade disc-style tensioners. Because it adjusts tension as the thickness of the thread changes, experienced quilters all across the country prefer the thread tensioner used on APQS machines.



You can use virtually any kind of thread, from heavy polyesters to fussy cottons, with no worry about stretching or breaking the thread. The tension is easy to set, and your machine will maintain consistent tension. Plus, the simplicity of the APQS tensioner ensures many years of trouble-free service.

### Laser light stylus

Quilters love how easy it is to follow a paper pattern with the precision laser. Power is supplied directly from the machine so you don't have batteries to replace.



### Auto needle positioner

Select whether you wish to work in the needle-down or needle-up position. When you come to a halt, your APQS machine will not stop partially in the fabric - it will either stop in the full-up or full-down position depending on your preference.



### Synchronous belt drive system

APQS carefully chose belt drive technology as the means of transferring power to the upper and lower shafts. This clean and quiet belt drive requires no grease, eliminating the potential to ruin your quilt. Ask any APQS owner and they will tell you that timing or re-timing is almost nonexistent. In addition, belt drive technology requires no lubrication, is quieter in operation and reduces vibration.



### Self-lubricating bushings

Our self-lubricating needle bar and hopping foot bushings provide smooth operation with no additional lubrication required. This innovative and time-saving feature minimizes maintenance by eliminating unnecessary oiling. In fact, the amount of oil required to care for an APQS machine is a fraction of what other quilting machines need, making maintenance simple and easy.



### Bobbin winder

Load your own bobbins with thread that matches your specific needs so you can focus on the quilting process. The Turbo Bobbin Winder comes standard with all machines and is a high-quality industrial bobbin winder that evenly and quickly loads your bobbins with reliable tension.

### Quiet enclosed DC motor

APQS combines technology with sleek design to give you a beautiful machine with the horsepower you need. Our integrated electronics and motor are tucked away behind the clean lines of our machines.