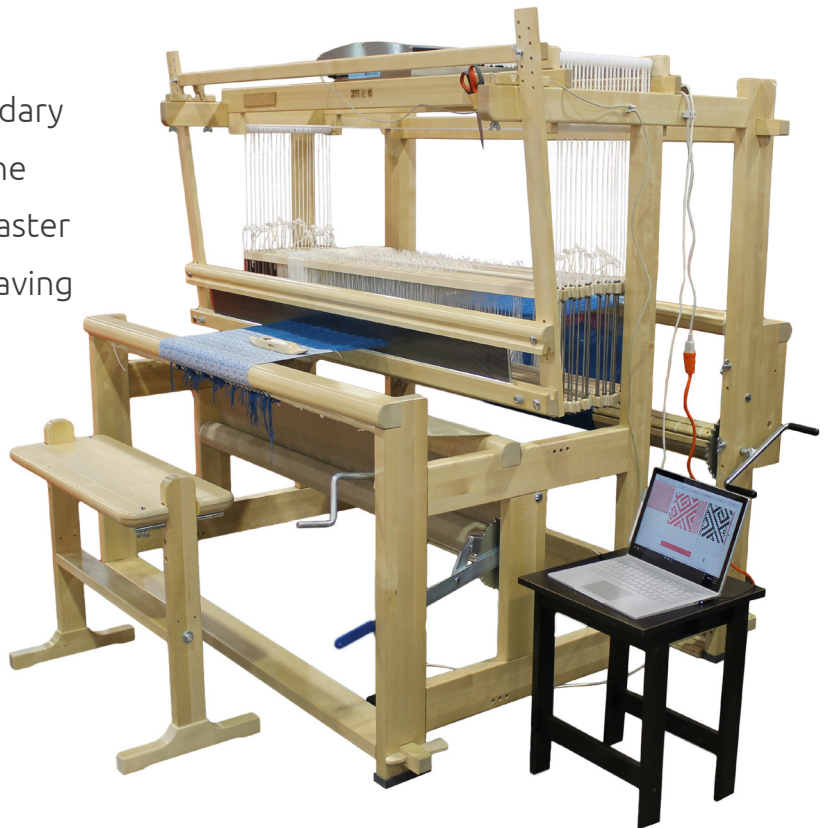


TOIKA

Welcome to the wonderful world
of Computer Assist Weaving.

Welcome to ELEGANT SIMPLICITY

The result of 30 years of research and development, and building on the legendary quality and reliability of the EW series, the new Toika ES series brings you an even faster and more powerful product for your weaving enjoyment.



**TOIKA COMPUTER ASSIST LOOMS HAVE ALWAYS
BEEN QUIET; THE NEW ES SERIES IS EVEN QUIETER.**

ES Computer Assist Looms are offered 16 shaft, 24 shaft and 32 shaft configurations. Traditional weaving looms are based on treadles, lamms, and jacks. Your Toika ES computer assist loom replaces all of those parts with a single pedal – much like that on a sewing machine.

The pedal means that the weaver requires no strain or effort to lift multiple shafts – something literally impossible to do easily with a standard loom. Compared to its predecessor EW models, the ES series brings the owner improved electronics, an even longer working life, easier maintenance and fewer mechanical components.

ES series

Powered by the latest version of Weavepoint Software, The ES loom operates alongside a computer equipped with Microsoft Windows and one open USB port. The unit has a direct connection to the USB port – just plug it in, turn on the loom and then the computer and the weaver is ready to go.

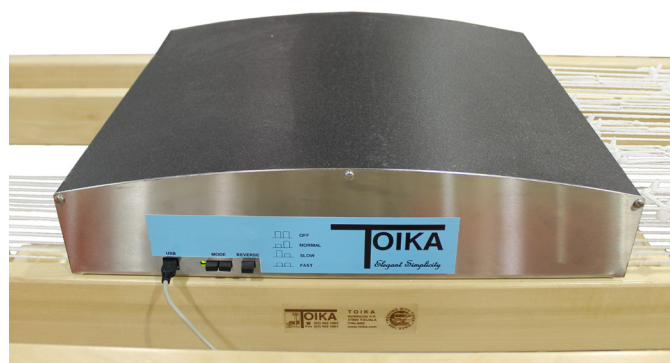
The ES control unit, contained in a sleek and beautifully designed outer case, is directed by the computer and software to select the appropriate shafts and open the shed automatically. The shed is a true countermarche – shafts that are programmed to rise do rise and those that are programmed to sink do sink. Sheds are also even throughout as the ES unit automatically compensates for the shafts that are farthest from the weaver.

ES units also allow the weaver to select from three weaving modes. Fast mode closes the shed on one pick and opens the next one with a pedal press. Slow mode opens the shed with one press of the pedal and closes the shed with another. Normal mode opens the shed and allows it to stay open as long as the pedal stays pressed. If the weaver wants to unweave, there is a reverse mode.

The new ES series allows the weaver to spend more time planning projects and designing fabrics while essentially eliminating treading and tie up errors.



ES SERIES ALLOWS THE WEAVER TO DESIGN AND WEAVE COMPLEX FABRICS.



THE OUTER CASE OF THE ES SERIES HAS A NEW MODERN, AESTHETICALLY PLEASING DESIGN.

Toika ES units also can be installed on practically all manual Toika looms so that owners can enjoy computer assisted weaving.

And many other brands of Scandinavian type looms can be fitted with the ES system as well.

ES series computer assist looms are built by Toika. Since its founding in 1898, Toika has been building its reputation worldwide for quality and innovation. Originally established as an essential component of Finland's textile industry, Toika has grown to a position of global distribution of weaving looms and tools. Over 30 years of research and development as well as the production of the ever reliable EW series has resulted in the new improved ES series. Call your local Toika dealer for information and a demonstration of Elegant Simplicity.