

Loom Controller

Advanced Carpet Loom Controller

Booria Carpet Loom Controller system is a Windows XP Embedded based system for controlling the carpet looms with different electronic Jacquards or electronic Selection Boxes.

This system provides a wide range of facilities for browsing and displaying all files graphically (designs, schedules, palettes, etc). Thanks to multitasking architecture, you will be able to define all of your jobs while machine working or even through the network. Moreover, it will be possible to view and print the different reports regarding efficiency, calculating average number of picks per hour and ... through the network.

Unlike the similar products in the field of loom controlling, **Booria Loom Controller** system needs no special hardware requirement and can run on conventional PCs with Windows XP operating system. This will reduce hardware maintenance costs significantly.

The new product of Booria CAD/CAM systems in the field of loom control, shines with:

- :: the power of easy to use graphical user interface,
- :: precise information about the process of production line,
- :: easy networking,
- :: without special hardware needs.

Versatile design of the software gives you the opportunity to use the electronic Jacquards of your choice including, Takemura, Schleicher, Van de Wiele or the Booria Selection Box total hardware solution. Plus you can import designs from Van De Wiele We@velink System, or any TCP/IP based network structure. This feature will enable the users of text-based applications to fully appreciate the graphical machine schedule builder.

Building the schedules and defining the margins is done in an intelligent way. You have all the required information about your schedule free and rest areas and the surface which is populated by the carpet designs. In this way you will have the most optimized schedules for your loom.



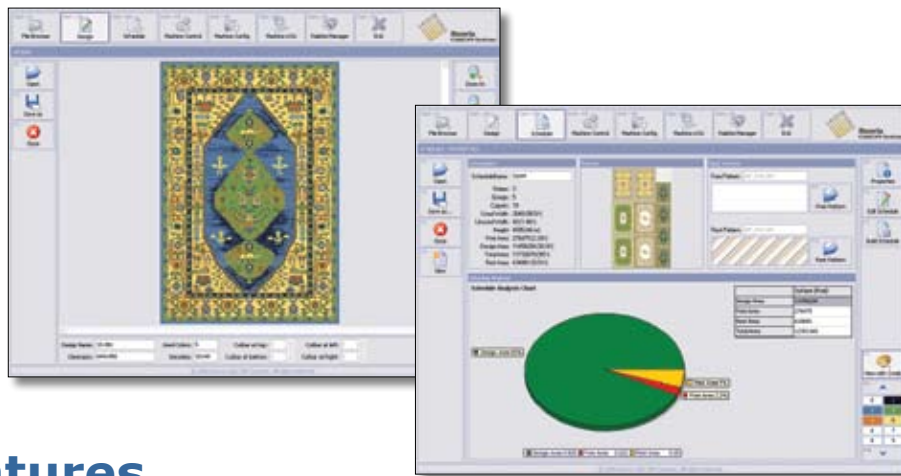
Importing designs to machine controller and managing them is no more a hassle. By using the integrated file importing facility, you can use your desired designs in building the machine schedules. In addition you have the required tools to view and manipulate the graphical files.

Together with the **Booria CAN-Bus PCI Card** and **Selection Box Controller Hardware**, you will boost your production speed. The solid framework of industrial CAN-Bus network mode A/B and advanced data-link layer error correction help us to optimize the performance up to 1 Mbps or 6000 Picks per minute!

Based on the Microsoft Windows XP Embedded® this product will give you the power of a modern and easy to use operating system. Complete machine error control and fast network design with a flexible architecture helps to expand your system easily. The program itself benefits from an easy to use touch screen compatible GUI to enable the usage of an LCD touch-screen panel.

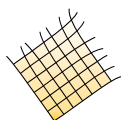
The Application will generate XML Log files of the events of machine. This will help the production manager to resolve the reason of stops and pauses of the process. Machine environmental parameters such as temperature, voltage for driving electric parts and special events will be recorded, too.

Color Palette of Machine can be adjusted to show the design and schedule files in accordance with machine available colors on creels.



Features ...

- :: Operating under Windows XP Embedded
- :: Working with standard hardware systems (such as: standard monitors, mother boards, keyboards and ...) available everywhere around the world
- :: Comes with 19 inches industrial Rack-Mount PC, including: Touch Screen panel monitor, industrial Keyboard and UPS power supply
- :: Supporting, Takemura, Schleicher, Van de Wiele or the Booria Selection Box
- :: Fully Graphical user interface (GUI) viewing all designs and schedules graphically based on machine colors on creels
- :: Graphical file browser
- :: Easy TCP/IP networking
- :: Easy file transferring through the network or ZIP Drives
- :: Intelligent Schedule Builder with easy Drag & Drop support
- :: Schedule Optimization Statistics
- :: Generating XML Log files
- :: Palette Manager
- :: CAN-Bus® Support mode A/B
- :: Touch Screen Ready
- :: Supporting Van De Wiele We@velink



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