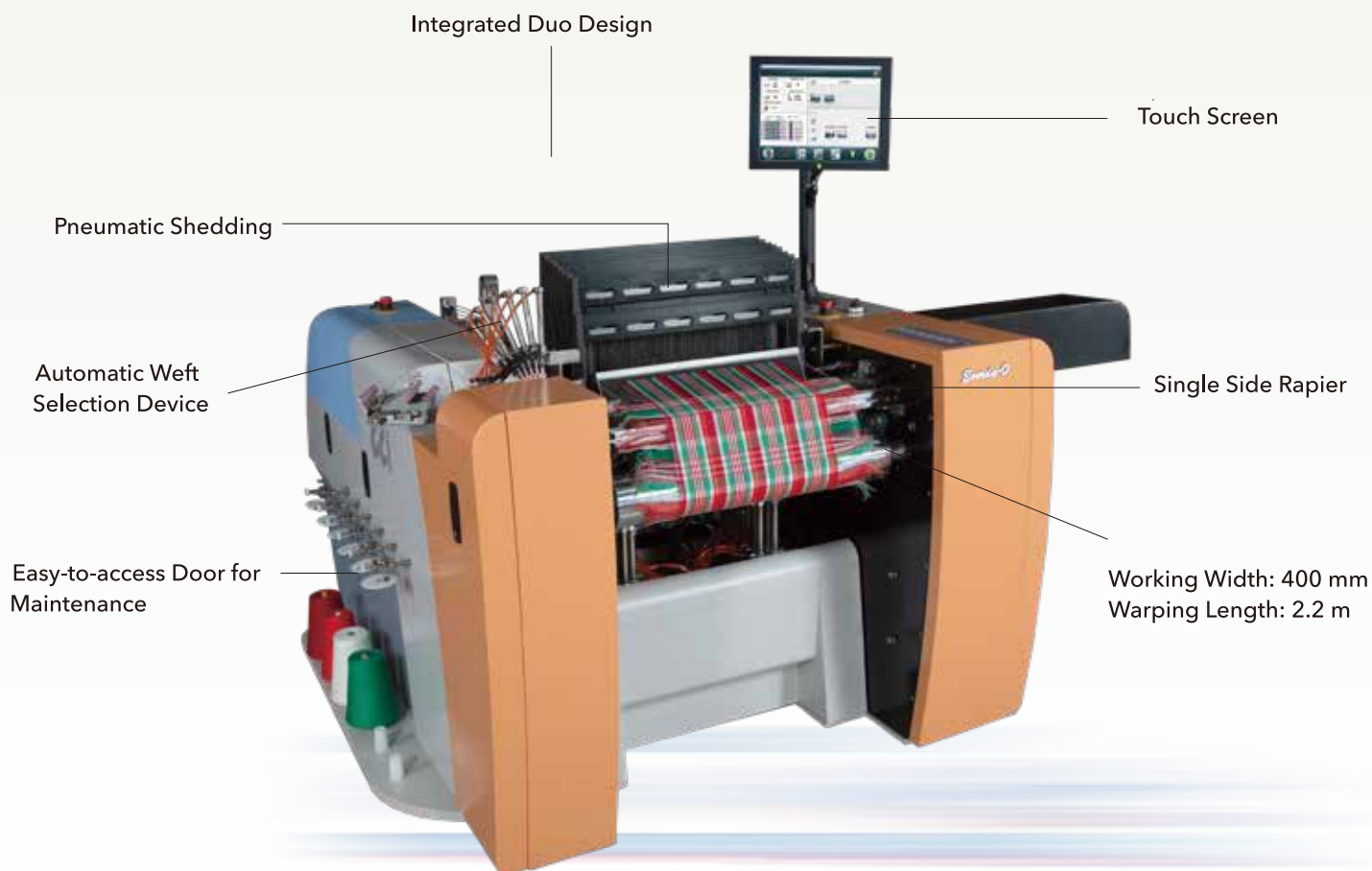


Effective and fast sampling shouldn't be limited to huge budget and dedicated weaver team. CCI's Everdu-O is designed to make fabric sample production simpler and give customers more flexibility in their production planning. It is ideal for quick production of woven sample any time within studio, office or factory floor.



Technical Information

Model	Everdu-O
Weaving Width	400 mm
Weaving Speed	50 ppm maximum
Weft Selector	6 colours electronic weft selection device
Fabric Take-up	Electronically controlled Weft density can be changed freely within the same weave
Warp Let-off	Positive electronically controlled
Shedding	Computerized controller 16 heald frames driven pneumatically by air cylinders (1st & 2nd heald frames are for lenos and selvages)
Weft Insertion	Single rapier weft insertion driven by air cylinder
Beat-up	Computer controlled driven independently by servo-motor
Weft Breaks	Equipped with weft-break detecting device. Loom stops when weft breaks
Warping Width	400 mm
Warping Speed	130 m/min maximum
Warping Length	2.2 m
Warp Colour Change	Shifting movements controlled by computer Colour changed manually through alerts from computer
Yarn Breaks during Warping	Equipped with yarn-break detecting device, machine stops when yarn breaks
Drawing-in	Healds and reeds drawing-in on the machine
Controller	Industrial PC / Windows OS Solid-State Drive (SSD) / Internet access via WiFi/Ethernet
Designing	Built-in SEdit editing software
Air Consumption	700 L/min., air pressure 5-7 kgf/cm²
Power	220 V, single phase, 50-60 Hz

* This product is only available upon request, and it is not for all markets.



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* CCI has a policy of continuous product development and may make changes in the specification or appearance of the equipment without notice.

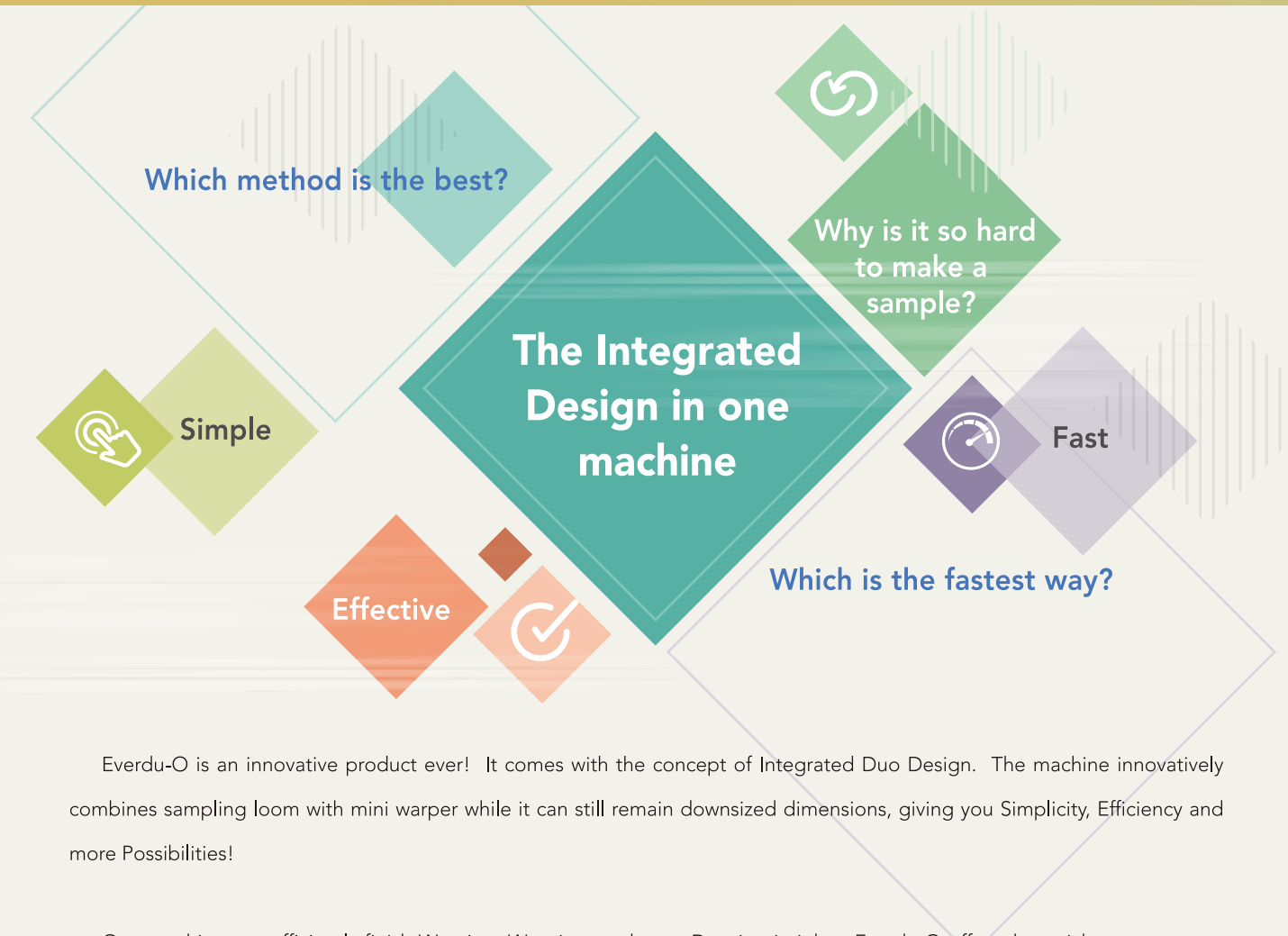
* Other product and company names mentioned herein may be trademarks or tradenames of their respective owners.



LDO22A1-EN

Everdu-O

The Duo for Sampling



Everdu-O is an innovative product ever! It comes with the concept of Integrated Duo Design. The machine innovatively combines sampling loom with mini warper while it can still remain downsized dimensions, giving you Simplicity, Efficiency and more Possibilities!

One machine can efficiently finish Warping, Weaving, and even Drawing-in jobs. Everdu-O offers the quickest way to see the result of your design, allowing you to fast respond to market demand. It further saves the cost and space that usually are required for making a piece of fabric sample. Unlike traditional mechanical-driven machines, Everdu-O is especially designed and simplified for easy installation and operation. For CCI's existing customers, the machine can effectively serve as an additional tool of product simulation for very urgent request. For new customers who demand a quick solution, the machine can serve as a useful tool for them. Moreover, Everdu-O is also capable of supporting research needs for educational institute. In other words, we can proudly say that Everdu-O is as convenient as a printer which delivers the woven fabric sample. No matter what you need, Everdu-O enables you to produce most woven textiles in a fast way!





Integrated Design

The concept of Integrated Duo Design ensures simplicity, efficiency and cost effectiveness. You can conveniently finish main jobs of both warping and weaving (including drawing-in) just on one machine.

Minimum Cost

The machine combines main functions of both warping and weaving into one machine for easy production of fabric swatch. It is suitable for users who have consideration of limited budget and space.

Easy to Use and Maintain

CCI simplifies the machine as much as possible so that everyone can easily operate it. The machine has user-friendly interface, specially developed software, easy-to-use touch panel, and computer-controlled technology. In order to perform convenient maintenance and repair, the machine incorporates easy-to-access doors to cut down on time wasting and associated costs.



Space Saving

Featuring reduced machine dimensions, the integrated machine requires less space which makes it easily fit any space like workshop or R&D office.

Plug n Play

The machine features plug-and-play easy installation. You can do it on your own and save cost of installation service. We provide complete tutorial package for machine installation, operation, and editing software. Of course, both on-site and online installation services are also available upon your request. It's simple, quick and economical!



FEATURES



Shedding Device

The device could be installed with maximum 16 shafts and with higher speed resulting in higher efficiency. To cope with higher speed, we install and upgrade the buffer system to ensure more smooth and stable movement. It provides ease in operation and maintenance as usual.



Digital Warp Tension Control System

The system provides stable warp tension during weaving. The tension value could be set and read from the computer directly, which simplifies the recording of the weaving parameters.

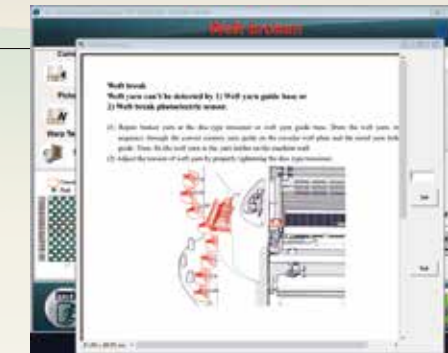


Weft Selection Device

The device allows convenience in weaving multi weft-colour samples. It can achieve complicated weft colour arrangements effectively and accurately.

Weft Insertion Device

The device on this loom is of single side rapier design, which is easier in adjustment and is suitable for a wider range of yarn. This design ensures higher speed and better stability during running.



Self-diagnostic Function

The function checks the status of internal devices in real time. If an error occurs, the cause of the problem will be displayed on screen so the user can easily identify the problem and possible solution.



Dobbytronic

The user friendly interface of the Dobbytronic is specially designed for use with the touch screen and provides an easy platform for weaving parameters input. The status of the loom is clearly displayed through icons and text.

SEdit

The built-in SEdit is an convenient editing software. The editing of designs, weft & warp arrangements can be done on loom or on any separate PC.

Dr. Duo

Dr. Duo is a useful built-in diagnostic software. It carries out inspection and testing of movements of the electrical & pneumatic parts as well as signals of the sensors. Diagnosis could be performed on loom or by remote access through the internet.

