

**Note :**

Due to keeping innovation, the specification and Machine pictures or color are subject to alteration without notice!

Application:

AT248 Automatic Rapier Sample Loom is used for sample weaving of all kinds of fabrics, such as cotton, hair, jute, silk, chemical fiber, blending, etc. It consists of pneumatic shedding, rapier weft insertion, mechanical let-off, mechanical beating-up, mechanical take-up and pneumatic selection of weft yarns. It is widely used in weaving mills, scientific research units, textile institutes and foreign trade companies, etc.

Features:

- PLC control touch screen with 2G memory capacity to store designed patterns;
- Designable and editable patterns and USB interface to share designed patterns;
- Mechanical let-off, beating-up and take-up and pneumatic shedding and selection of weft yarns;
- Pneumatic Dobby shedding mechanism to avoid the disadvantage of easy to wear for traditional peg mechanical structure;
- Rapier weft insertion, suitable for various yarns, such as, cotton, terylene/cotton, wool chemical fiber and other fabrics;
- Heald frames up to 20pcs, easy to mount and dismount;
- Automatic pneumatic selection of weft yarns up to 8 colors;
- Professional software for designing or editing patterns;

Technical Specification:

Model	AT248
Reed width	12inches (16, 20inch optional)
Yarn linear density range	5~500tex
Weft density	30~45weft/min, selectable
No. of heald frame	4~20
Color selection	8 color, automatic pneumatic control
Let-off	Active electronic control
Take-up	Motor control
Shedding	Dobby shedding, pneumatic control
Beating-up	Motor control
Air pressure	0.45~0.8Mpa
Air consumption	Max. 200L/min
Power	A220V 50Hz, single-phase