

Air-Jet Weaving Loom

This air-jet weaving loom is designed for efficient and high-quality fabric production. It utilizes air jets to propel the weft yarn across warp yarns, achieving faster weaving speeds.



Overview

High-Performance Air-Jet Weaving

The JWGA710 Air-Jet Loom is engineered for high-speed, high-quality fabric production, utilizing advanced air-jet technology to propel weft yarn with precision. Featuring a robust frame structure and a four-bar linkage beating motion, it ensures stability and reduced vibration during continuous operation. With intelligent control systems like the i-Board and electronic let-off, this machine offers superior versatility for various textile applications and yarn types.

Performance Metrics

Weaving Speed

205 picks/inch

Standard Picks

275 picks/inch

Maximum Picks

Available Reed Space

150cm, 170cm, 190cm, 210cm, 230cm, 250cm, 280cm, 330cm

Technical Specifications

Shedding Mechanisms

- Cam shedding (up to 8 heald frames)
- Crank shedding (6 heald frames)
- Dobby shedding (up to 16 heald frames)

Weft Selection Capability

Two color • Four color

Motor Power Options

- 2.7kw
- 3.0kw
- 3.7kw

Control & Automation

Key Automation Features

Electronic Let-off (ELO), Automatic Pick Finder (APF), Automatic Defective Pick Remover (APR), Safety Guarding Sensor (SGS), Memory Card System (LDMC)

Control Interface

i-Board multi-microprocessor system with Chinese/English display