



Suzhou Production & Supply Chain System

Covering an area of 42.76 acres, with a total construction area of 43,600m²

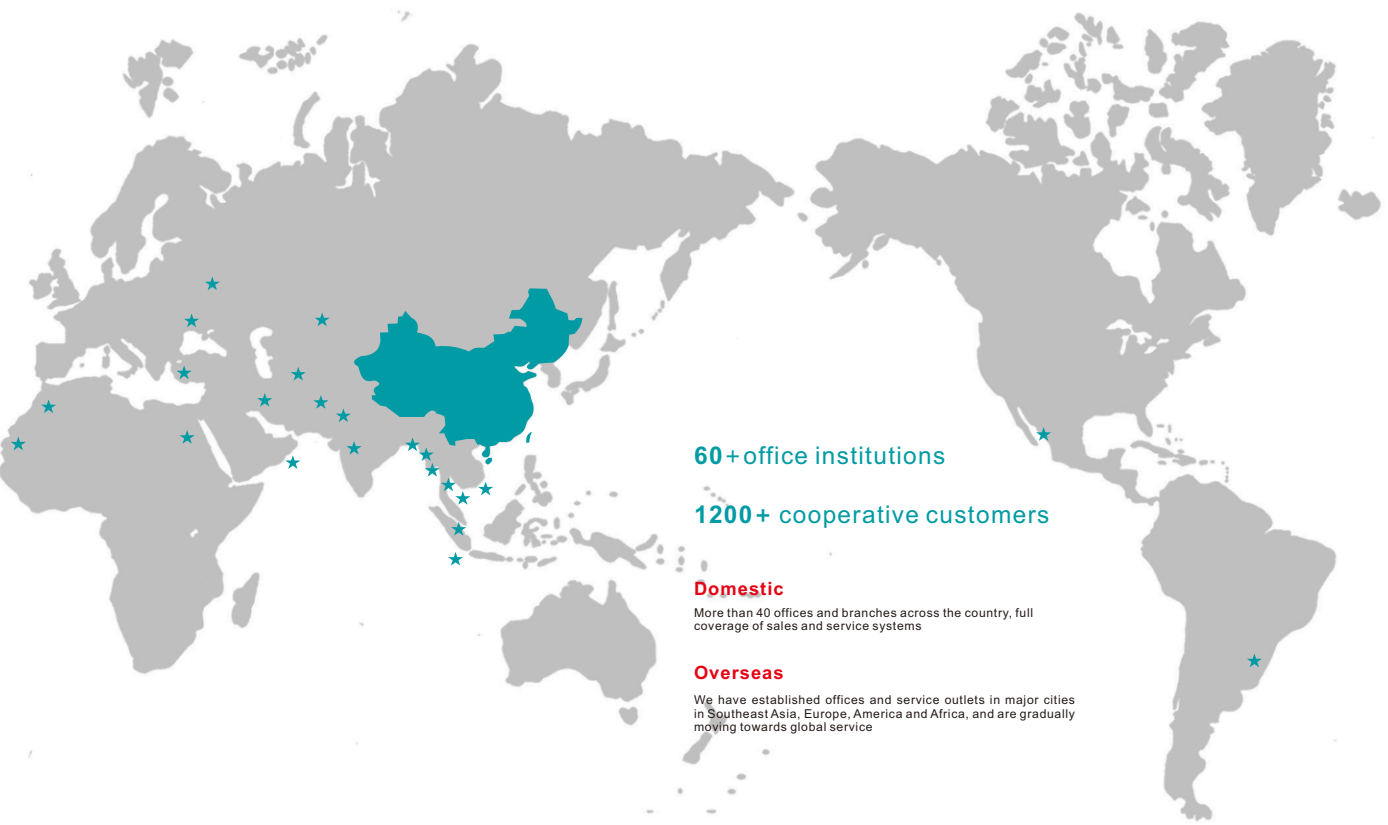


Shenzhen R&D Center

Office Acreage: 3600 m²

Founded in 2005, VEICHI Electric is a state-level high-tech enterprise and dual-soft enterprise specializing in the research, development, production and sales of industrial automation products. It now has two independent intellectual property rights research and development and production bases in Shenzhen and Suzhou. Product covers frequency inverter, servo and motion control systems, integrated special machines and the Internet of Things, and provide the most valuable industrial automation system solutions for machine tools and compressors, printing and packaging, pumps, hydraulic servo, lifting, textile and other industries.

Market and Sales Area



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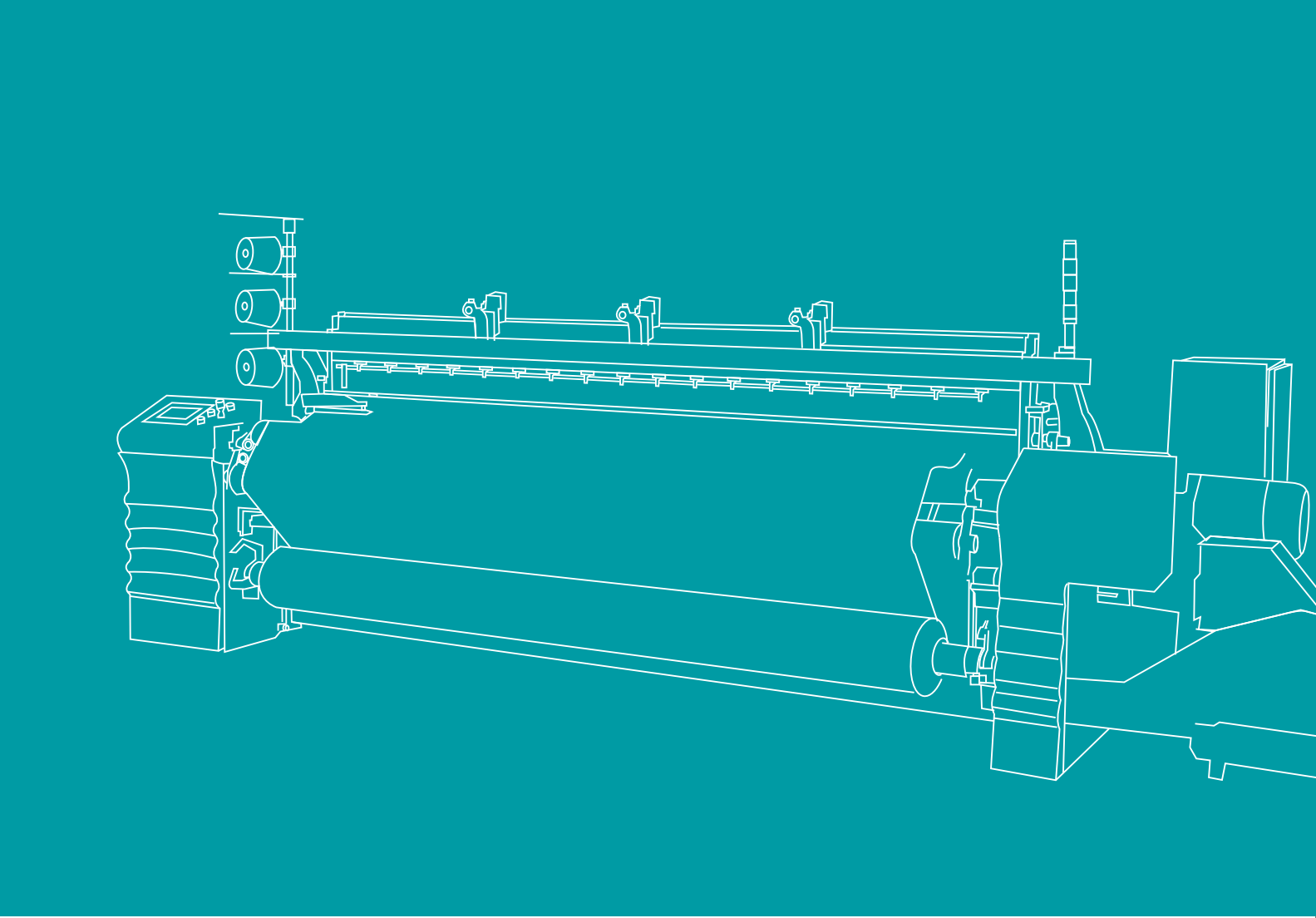


Wechat Official Account

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VEICHI

Textile Industry Solution



Textile Industry-Weaving Machine Super-Start Frequency Inverter

Product Profile

The spindle motor of the traditional spray-weaving industry adopts the method of changing the pulley to adjust the rotation speed. This method has the disadvantages of low replacement efficiency, difficult maintenance and high labor cost. By using our textile special frequency inverter, the customer can eliminate the cumbersome process of changing the pulley, realize the one-button stepless speed change of the motor, greatly improve the production efficiency and reduce the production cost. Concerning of the using environment of the textile industry, our company has unique design and developed the special frequency inverter for the weaving machine industry. It covers all sites of a variety of weaving machines, and it includes external, built-in, penetrating, floor-standing, etc. The problem that the cotton wool on the textile site is easy to block the fan can be completely solved that ensures the safe and stable operation of the machine even under high temperature conditions.

Application Advantages Introduction

- Good starting torque for optimal parking.
- Slow jog, improve fabric quality, and prevent the operator from hurting hands.
- There is no need to change the pulley and change the speed of the weaving machine with just one button.
- For complex fabrics, variable speeds can be achieved and variable weft density increases weaving efficiency.
- The frequency inverter can reduce the influence of grid fluctuations on the speed of the weaving machine.
- Shock-free start-up reduces mechanical wear and extends equipment life span.

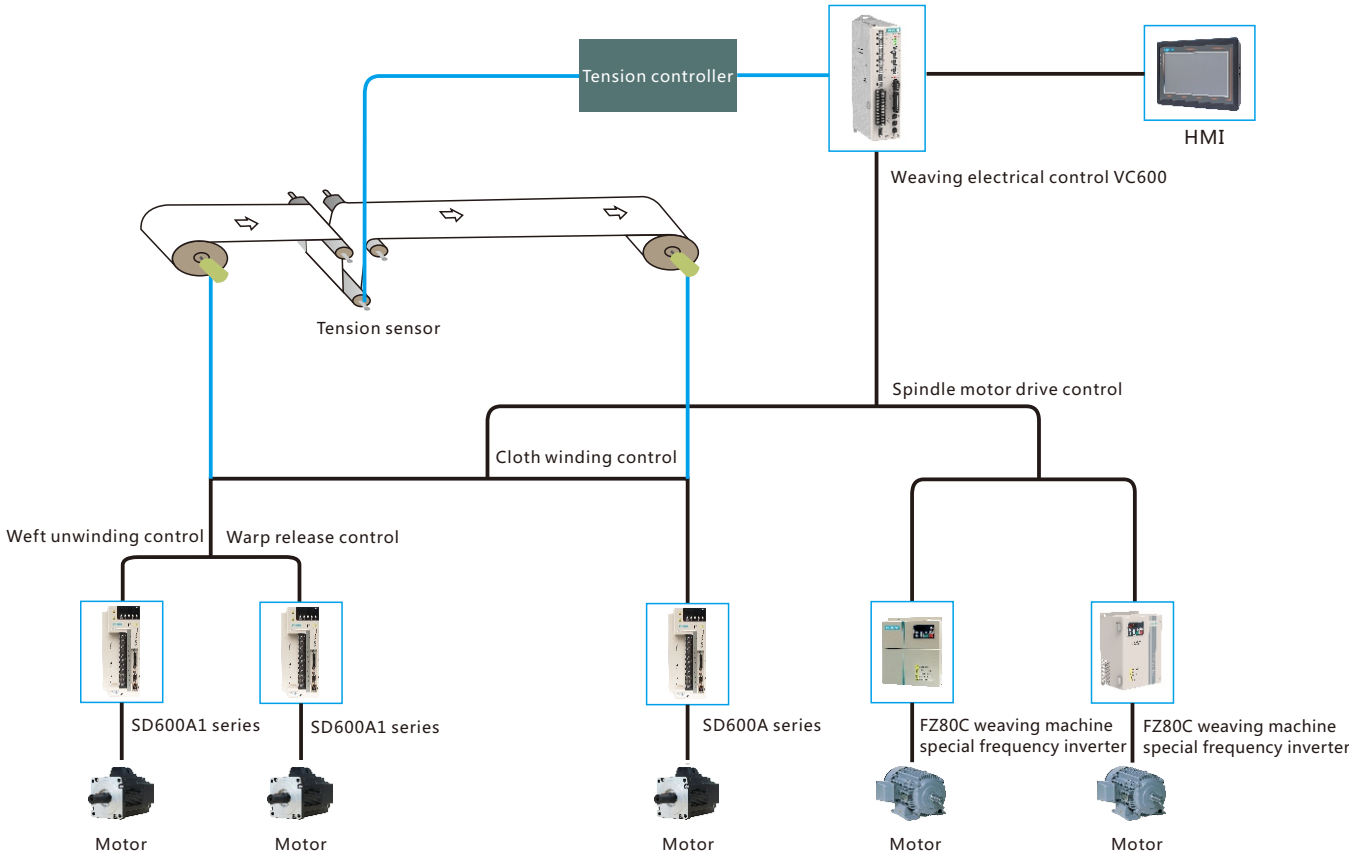


FZ80C Super-Start Frequency Inverter Features Introduction

- High-precision speed output when setting V/F or with or without PG vector and it has small torque ripple.
- Provide a wealth of interface resources and 485, CAN bus communication.
- Spray-weaving industry-specific super-start function, the startup time can reach 70ms.
- According to customer needs can be divided
 - Independent cabinet
 - Penetrating installation hook
 - Built-in, external
- Fanless and a heat sink passivation are designed for the weaving machine.
- The door seal is smashed and molded once and seamlessly.
- Protection class IP54.



Air Jet and Water Jet Weaving Electrical Control Integrated System Solution



FZ80C Super-Start Frequency Inverter Superiority



The overall energy-saving effect is more than 10%, and the frequency inverter itself will not cause any environmental problems.

Since there is no need to change the pulley, the operation efficiency of the weaving machine is improved and it saves labor.

Display the actual speed, one-button speed control and easy to operate.

Application Cases

