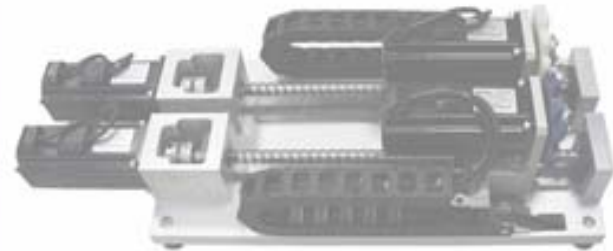


ESTUN



Modbus
CANopen



MOTION 4



Motion Control Solutions

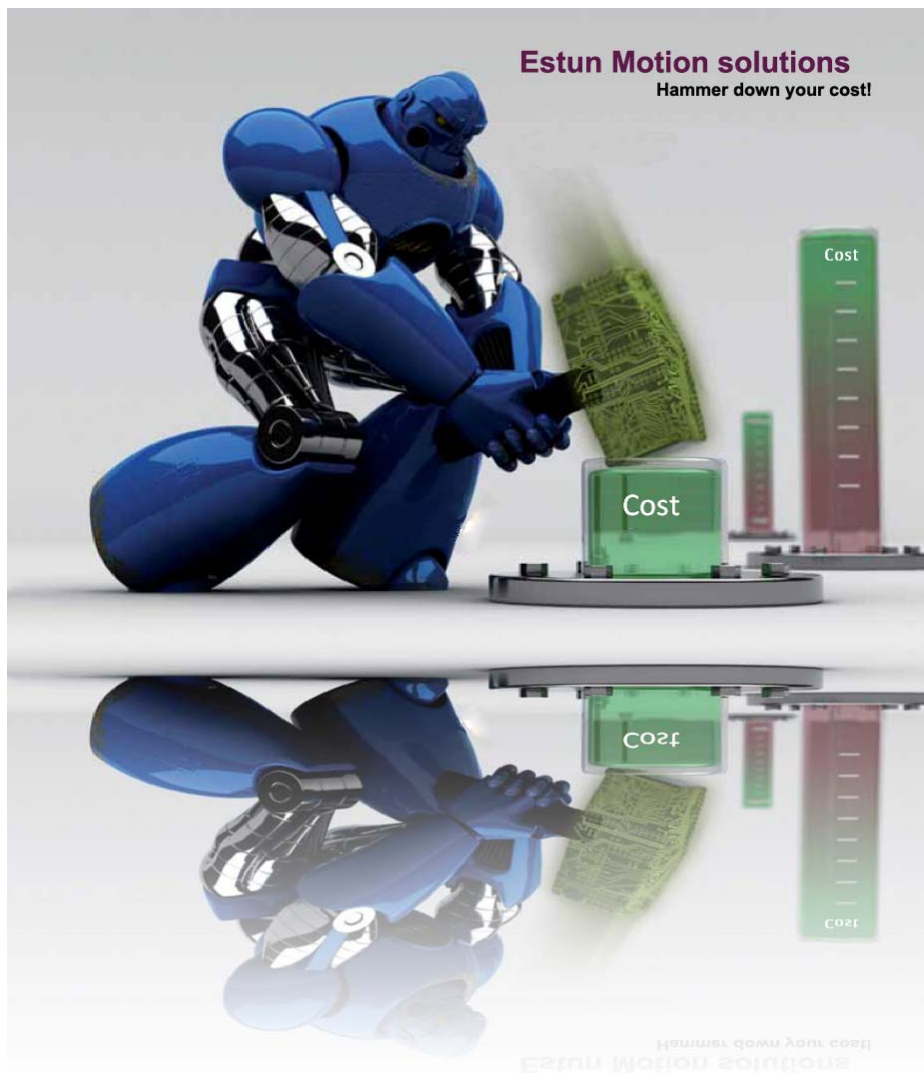
for the automation industry



Estun Motion Control Solutions

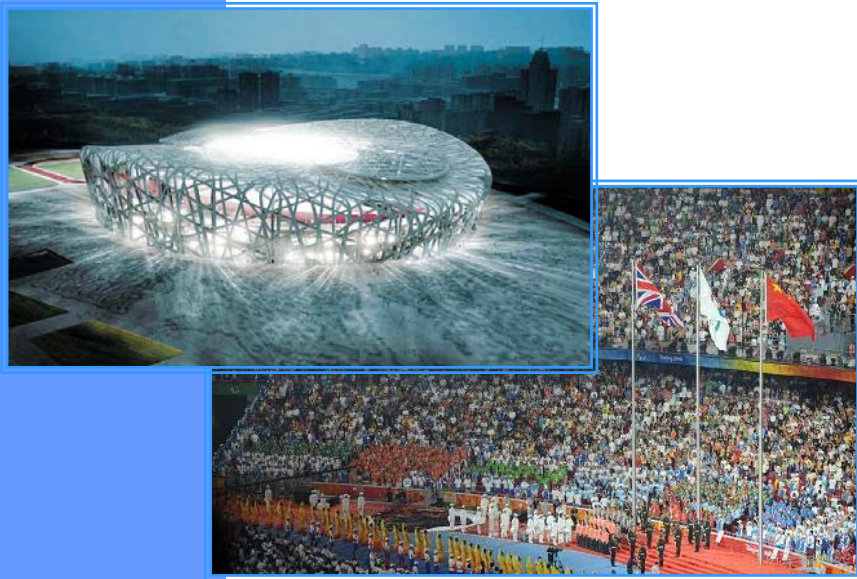
hammer down your cost

Founded in 1993, Estun Automation is a leading manufacturer which specializes in R&D, manufacturing and sales of reliable AC servo drives and motors. All of our products are strictly manufactured under ISO9001 quality control system and key electronic elements are imported from reputable overseas giant companies. As a result, Estun was awarded CE certificate in 2006.



After years of efforts, Estun has developed our own state-of-the-art IPR mature technology which is of the world's first class and much more attractively priced due to the competitive advantage of producing in China. Estun offers servo motors and drives with high reliability, and a high ratio of performance/price which, in turn, shall promise our clients good return upon cooperation with us. Just like our business philosophy goes "Growing Together".

Flag-raising control



In the year of 2008, Estun servo system was successfully applied in flag-raising control during Beijing Olympic Games. It was our great honor to see our servo raising our national flag in front of 6 billion people all over the world. It demonstrates that the reliability of our servo system reaches the world first class level.

R&D

Estun owns complete IPR technology of our motion control products and invests more than 20% of total business revenue to it, for we believe that technology is the future in our industry.



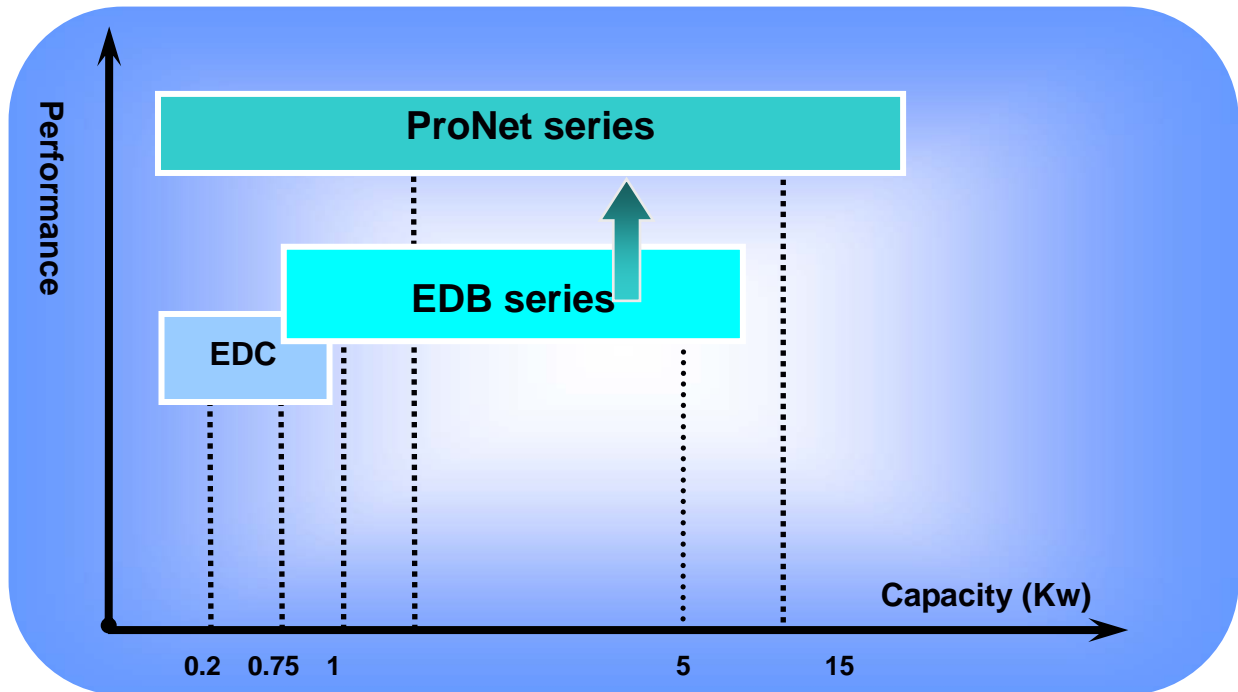
Estun Headquarter in Nanjing, China



Estun new Production Base

AC Servo Drive

Positioning



EDC series Servo Drive

CANopen

Capacity range: 200W~750W

- Input voltage: AC 190V~245V, single phase
- Position control only
- 8-bit built-in single axis positioning function
- Protocol: Support Modbus(RS232) & Canopen
- Three times overload capacity
- FFT Analysis to control the vibration
- Excellent performance Level with superior reliability
- Inertia detection and speed forward-feedback function



EDB series Servo Drive

Capacity range: 750W~5KW

- Three times overload capacity
- FFT Analysis to control the vibration
- 16-bit built-in single axis positioning function
- Protocol: Support Modbus(RS422/RS485)
- Dynamical change of electronic gear
- Inertia detection and speed forward-feedback function
- Input voltage: AC 190V~245V, single/Three phase
- Excellent performance Level with superior reliability



ProNet series Servo Drive

CANopen **EtherCAT**



Capacity range: 200W~5KW

- Input voltage: AC 190V~245V, single/three phase

Capacity range: 7.5KW~15KW

- Input voltage: AC 350V~430V, three phase
- FFT Analysis to control the vibration
- Expansibility: DP-100, AE100 module
- RS422/RS485, Canopen, EtherCAT & Profibus
- Responsiveness: three times higher than EDB series
- 17-bit incremental/absolute encoder(131072P/R), Resolver
- Simple and convenient setting: auto-turn setting



1KW



15KW

AC Servo Motor

EMJ series servo motor

Capacity range: 200W~1KW

- Torque range: 0.64~3.18NM
- Speed range: 3000rpm~4500rpm
- Options: brake, oil seal, water-proof connector
- Shaft type: Plain/with key
- Permanent magnet synchronous servo motor



EMG series servo motor

Capacity range: 1KW~5KW

- Permanent magnet synchronous servo motor
- Torque range: 4.78~23.9NM
- Speed range: 2000rpm~3000rpm
- Options: brake, oil seal
- Shaft type: Plain/with key



EML series servo motor

Capacity range: 1KW~4KW

- Permanent magnet synchronous servo motor
- Torque range: 9.55~38.2NM
- Speed range: 1000rpm~1500rpm
- Options: brake, oil seal
- Shaft type: Plain/with key



EMB series servo motor

Capacity range: 7.5KW~15KW

- Permanent magnet synchronous servo motor
- Power supply: 400Vac
- Torque range: 47.8~95.5NM
- Speed range: 1500rpm~2000rpm
- Options: brake, oil seal



Touch Screen

7' TFT LCD Touch Screen

- Casing material: Industrial plastic
- Touch screen: four wire
- Processor: 32Bit RISC 400MHz
- Memory: 64MB SDRAM
- Store room: 64MB NAND FLASH
- Display: 7' 800×480, 65536 color TFT LCD
- Communication interface: 1×RS-232/485, 1×RS-232
1×USB1.1 Host, 1×USB1.1 Device
- Built-in Calendar
- Input voltage: 24±20% VDC, 250mA
- Weight: about 0.9kg
- Software: ETDesigner V1.00 up



10' TFT LCD Touch Screen

- Casing material: Industrial plastic
- Touch screen: four wire
- Processor: 32Bit RISC 400MHz
- Memory: 64MB SDRAM
- Store room: 64MB NAND FLASH
- Store card: support SD card
- Display: 10' 800×480, 65536 color TFT LCD
- Communication interface: 1×RS-232/485, 1×RS-232
1×USB1.1 Host, 1×USB1.1 Device
1×Ethernet port (10/100Base-T)
1×CAN2.0
- Built-in Calendar
- Input voltage: 24±20% VDC, 250mA
- Weight: about 0.9kg
- Software: ETDesigner V1.00 up



Servo Pump System

Servo Pump System

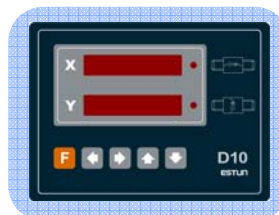
- **Rexroth Pump**
- Power supply: three phase 400Vac
- Maximum Flow: 50-160 L/min
- Maximum Pressure: 16-21MPa
- Holding Pressure(30s): 12.5-21MPa
- Min. Control Pressure: 0.1MPa
- Servo drive capacity: 7.5-15Kw
- AE100 expansion module to make pressure close loop
- Excellent stiffness at high speed
- Super stability at low speed



Other Products



FLEXCON motion controller



D10 digital display unit



Photoelectrical Encoder



Resolver

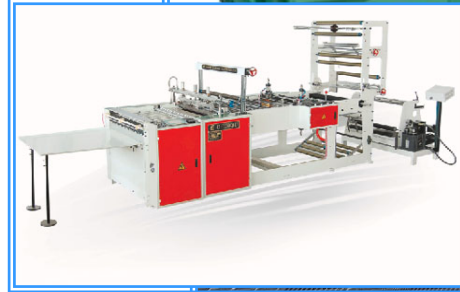
➤ Typical applications:

➤ CNC MACHINE



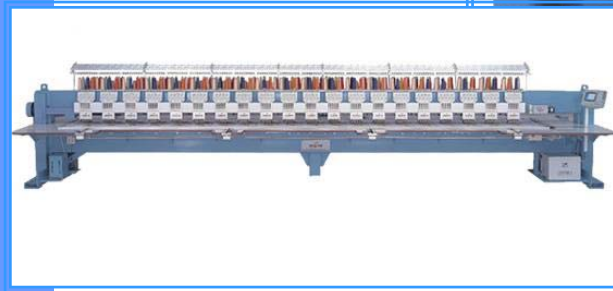
➤ PROCESSING MACHINE

Textile
Food
Medical
Packaging
Plastics
Spm
Printing



➤ OTHERS

Labeling
Form/Fill/Seal
Laser cutting/Trimming
Pharmaceuticals
Grinding
Winding
Robotics
Drilling
... and more



Vision

Enjoy your life from Automation!

Estun's Brochures and Technical Guidance

- ES2009-C Estun Sales Agent Training Course
- ES2009-D Estun Servo Parameter Adjustment Guidance
- ES2009-E Second Electronic Gear
- ES2009-F Speed Forward-Feedback Function
- ES2010-C Estun Servo Motor Selection Principle
- ES2011-A Estun Outline**
- ES2011-B Motor Outline
- ES2011-A EDB/EDC Series Product Brochure
- ES2011-B ProNet Series Product Brochure

ESTUN

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