



ESTUN
Total solution of motion control



Estun Servo

Your First Chinese Servo Brand Option



Estun Servo

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 10% of total business revenue to it, for we believe that technology is the future in our industry.



Headquarter in Nanjing, China



Servo Production Center

AC Servo System Outline



By Product Type

- ◇ EDB series
- ◇ EDC series
- ◇ ProNet series

By Input Voltage

- ◇ 110Vac
- ◇ 200Vac
- ◇ 400Vac

By Bus Option

- ◇ Modbus
- ◇ Canopen
- ◇ Ethercat
- ◇ Powerlink
- ◇ Profibus

By Motor type

- ◇ EMJ
- ◇ EMG
- ◇ EML
- ◇ EMB

By Encoder

- ◇ 2500PPR incremental
- ◇ 17 bit incremental
- ◇ 17bit absolute
- ◇ Resolver

EDC series

- Capacity range: 200W~750W
- Input voltage: 200Vac, single phase
- Position control only
- 8-bit built-in single axis positioning function
- Three times overload capacity
- Protocol: Support RS232 & Canopen

EDB series

- Capacity range: 750W~5KW
- FFT Analysis to control the vibration
- Three times overload capacity
- 16-bit built-in single axis positioning function
- Dynamical change of electronic gear
- Inertia detection and speed forward-feedback function

ProNet series

- Capacity range: 50w-22KW
- FFT Analysis to control the vibration
- Expansibility: DP-100, AE100 module
- 17-bit incremental/absolute encoder(131072P/R), Resolver
- RS422/RS485, Canopen, Ethercat, Powerlink & Profibus
- Simple and convenient setting: auto-turn setting
- Responsiveness: three times higher than EDB series

Servo Motor Outline



Features:

- ◇ Permanent magnet synchronous servo motor
- ◇ Brake, oil seal option
- ◇ Plain/with key shaft

Features:

- ◇ High energy efficiency
- ◇ 40°C temperature rise:
- ◇ IP65 protection level:

Features:

- ◇ Super acceleration
- ◇ Super high overload
- ◇ Suitable for frequent start-stop movement

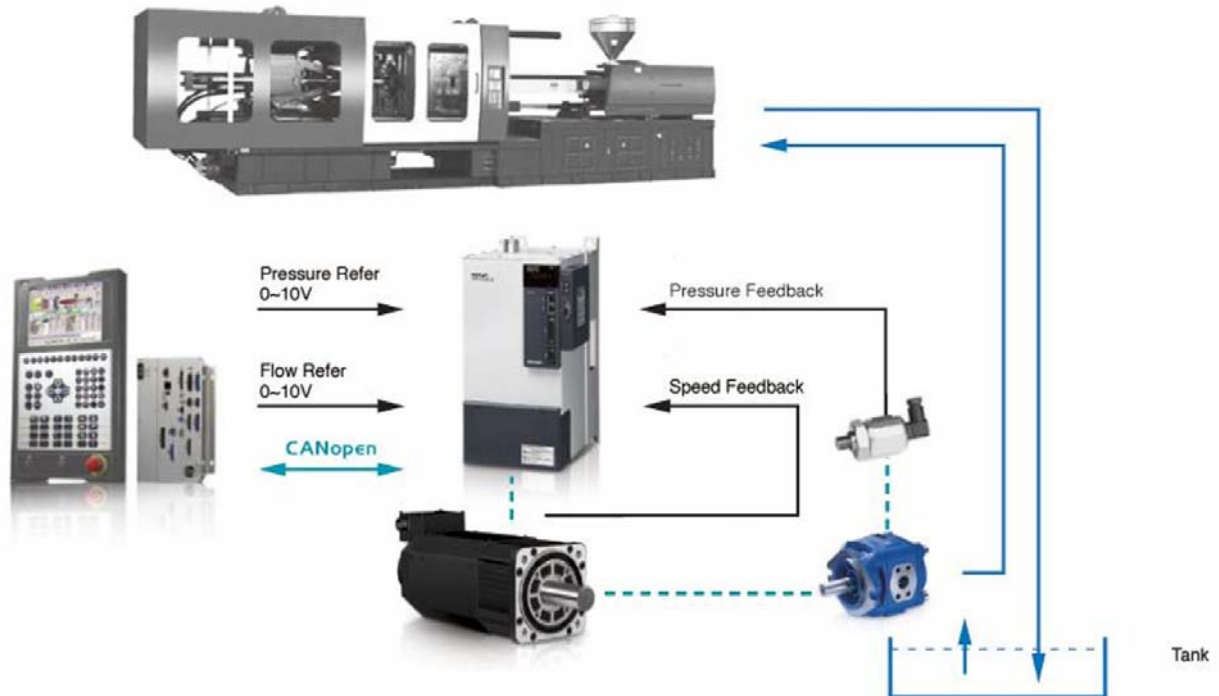
EMJ series servo motor
 Capacity range: 200w-1kw
 Torque range: 0.64-3.18NM
 Speed range: 3000rpm-4500rpm

EMG series servo motor
 Capacity range: 1KW-5KW
 Torque range: 4.78-23.9NM
 Speed range: 2000rpm-3000rpm

EML series servo motor
 Capacity range: 1KW-4KW
 Torque range: 9.55-38.2NM
 Speed range: 1000rpm-1500rpm

EMB series servo motor
 Capacity range: 7.5KW-22KW
 Torque range: 47.8-95.5NM
 Speed range: 1500rpm-2000rpm

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
- Servo drive capacity: 7.5-30Kw
- AE100 expansion module to make pressure close loop
- Excellent stiffness at high speed
- Super stability at low speed

Torque & Direct Drive Servo system

**Features:**

Power range: 35-340KW

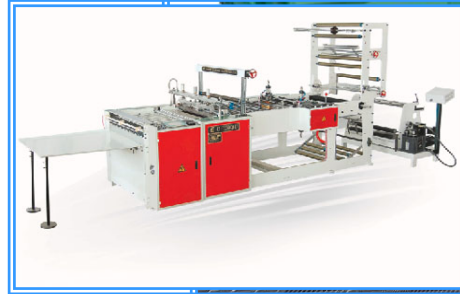
- ✧ Low speed, large torque
- ✧ Low inertia
- ✧ Peak torque is up to four times of rated torque
- ✧ Cool off options for nature, air force and water
- ✧ Equipped with resolver
- ✧ High-resolution, 17bits serial encoder(Optional)

➤ Typical applications:

➤ CNC MACHINE



➤ PROCESSING MACHINE

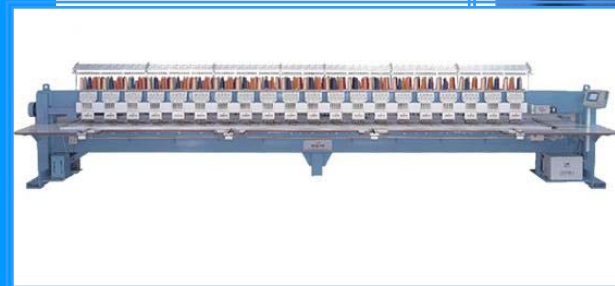


- Textile
- Food
- Medical
- Packaging
- Plastics
- Spm
- Printing



➤ OTHERS

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



Values

Focus, Integrity, Growing together!

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-B Motor Outline
- ES2011-A EDB/EDC Series Product Brochure
- ES2011-B ProNet Series Product Brochure
- ES2012-A Estun Outline 2012**

The logo for ESTUN, featuring the word "ESTUN" in a bold, stylized, grey font. The letters are blocky and have a slight shadow effect, giving it a three-dimensional appearance. The logo is centered on the page.

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