



# GUNGNIR

## GUNGNIR INDUSTRY LTD

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# 公司介绍

## Company Introduction

### About us

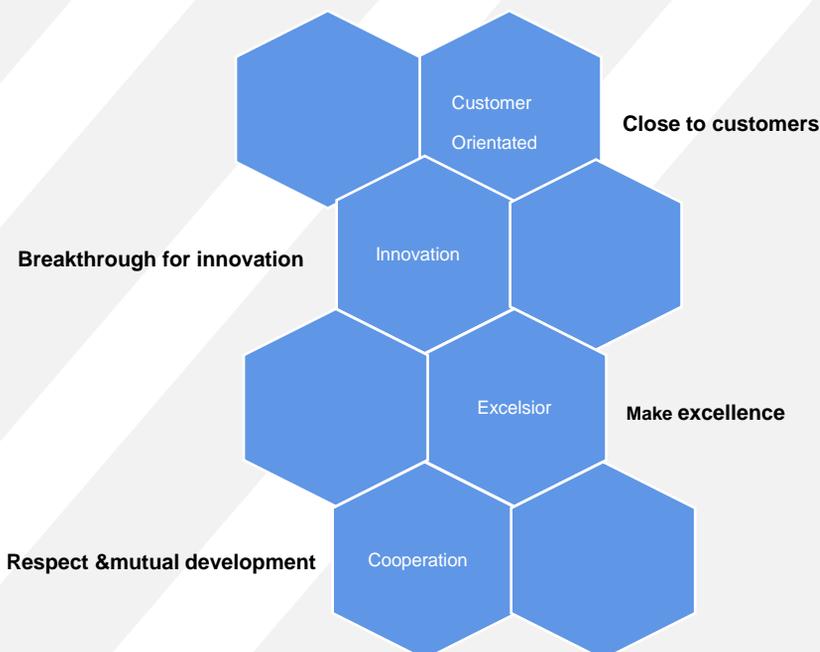
#### Basic Information

Gungniry industry has been deeply engaged in the fields of powder metallurgy, metal ceramics, hard metals and other forming equipment and processing equipment fields;

Integrating research and development, production, sales, and service, our products cover high-precision transmission products such as intelligent electric servo press, customized products, and industrial automation system solutions;

The company has an experienced team of engineers engaged in mechanical equipment design and manufacturing, electrical automation, software development, and other fields, providing professional and high-quality customized services and after-sales services to our customers to the maximum extent possible.

#### Company Philosophy



# 公司介绍

## Company Introduction

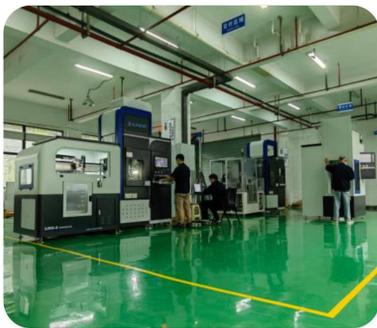
About us

### Business



Electric Servo Press TECH

### Manufacture



# 产品介绍

## Product Introduction

### ESP-16E

High precision electric servo press

### Products

- Suitable for forming positive angle inserts (edge free grinding products)

### Equipment Characteristics

#### Hardware:

- High precision roller type linear guide rail guidance
- High precision imported ball screw, high load-bearing capacity, wear-resistant
- High precision imported grating ruler for closed-loop control
- The 3R-system quick assembly fixture system and unclamped alarm function

#### Software:

- Equipped with TPA mode and standard mode, capable of different products
- Connected to MES for data collection and visualization
- Upper computer developed based on WEB, and friendly user interface
- Dynamic visualization of operating steps and traceability of parameters
- Automatically calculate efficiency & utilization, CP/CPK etc. production data
- TPM maintenance early warning function

Electric Servo Press TECH

### Technical Parameter

Component	Item	Parameter	Component	Item	Parameter
Upper motion axis	Pressure	Max. 160KN	Lower motion axis (Female mold)	Supporting force	Max. 60KN
	Mechanical stroke	Max. 150mm		Ejection force	Max. 60KN
	Repeatability	0.002mm		Powder filling stroke	Max. 45mm
	Preload	0-160KN		Repeatability	0.002mm
	Preload control	Stepless adjustable		Preload control	Stepless adjustable
Core bar	Screw adjustment	Max. 40mm	Filler	Stroke	Max. 150mm
	Air pressure buffer stroke	Max. 25mm		Jitter frequency	Any settings
	Pneumatic ejection	Max. 1.1KN (0.6MPa)	Others	Forming speed	5-10pcs/min
	Reset pressure	Max. 0.98KN (0.6MPa)		Compressed air	30L/min 6bar
	Holding pressure	0.3KN (0.2MPa)		Space (L×W×H)	3000×1500×3200mm
			Weight	≈3 Tons	

# 产品介绍

## Product Introduction

### ESP-30S

Economical electric servo press

#### Products

- Suitable for negative angle inserts forming (grinding products) and rods, geological and mining, and construction engineering carbide products

#### Equipment Characteristics

##### Hardware:

- High precision guide pillar guide sleeve guide structure, achieving high load movement
- High precision imported ball screw, high load-bearing capacity, wear-resistant
- 3R handle quick assembly fixture structure for fast mold replacement

##### Software:

- Equipped with TPA mode and standard mode, capable of different products
- Can be connected to MES for data collection and visualization
- Upper computer developed based on WEB, and friendly user interface
- Dynamic visualization of operating steps and traceability of parameters
- Automatically calculate efficiency & utilization, CP/CPK etc. production data
- TPM maintenance early warning function

#### Technical Parameter

Component	Item	Parameter	Component	Item	Parameter
Upper motion axis	Pressure	Max. 300KN	Lower motion axis (Female mold)	Supporting force	Max. 120KN
	Mechanical stroke	Max. 180mm		Ejection force	Max. 120KN
	Repeatability	0.002mm		Powder filling stroke	Max. 80mm
	Preload	0-300KN		Repeatability	0.002mm
	Preload control	Stepless adjustable		Preload control	Stepless adjustable
Core bar	Screw adjustment	Max. 50mm	Filler	Stroke	Max. 200mm
	Air pressure buffer stroke	Max. 30mm		Jitter frequency	Any settings
	Pneumatic ejection	Max. 1.1KN (0.6MPa)	Others	Forming speed	5-10pcs/min
	Reset pressure	Max. 0.98KN (0.6MPa)		Compressed air	30L/min 6bar
	Holding pressure	0.3KN (0.2MPa)		Space (L×W×H)	3000×1500×3350mm
				Weight	≈3.5 Tons

# 产品介绍

## Product Introduction

### Intelligent linear loading system

## Module Features

### Hardware

- Same motion controller together with press machine, fast response
- Fully enclosed linear module drive, dustproof, easy to maintain
- Modular taking device and changeover easily. Equipped with internal expansion, external clamping, vacuum suction and rotation functions
- Equipped with functions such as burr brushing, dust blowing, weighing, and dust recovery, equipped with graphite plate silo

### Software

- Establish a product graphics library that can simulate the swing of the disc
- Flexible setting to improve the utilization rate of plates
- Connected to MES for data collection and visualization
- Upper computer developed based on WEB, and friendly user interface

