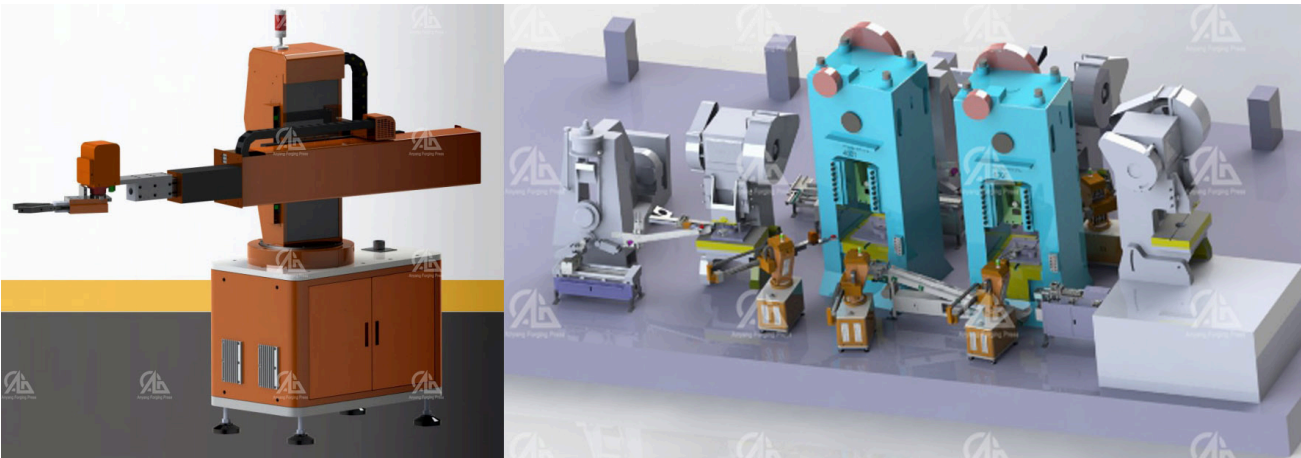


4-axis Swing Arm Forging Robot

□ HOME (<http://www.automatic-forging-line.com/>) > Automation Machines (<http://www.automatic-forging-line.com/Automation-Machines/95.html>)

Product-List

- Electric Screw Press Automation Forging Line (<http://www.automatic-forging-line.com/Automation-Forging-Lines/Electric-Screw-Press.html>)
- CNC Forging Hammer Automatic Forging Line (<http://www.automatic-forging-line.com/Automation-Forging-Lines/CNC-hammer.html>)
- Requirements of Forging Automation (<http://www.automatic-forging-line.com/Automation-Forging-Lines/automation-requirement.html>)
- Automatic Nut Production Line (<http://www.automatic-forging-line.com/Automation-Forging-Lines/automatic-nut-production-line.html>)
- Modernization Manual Forging Line to be Automatic (<http://www.automatic-forging-line.com/Modernization-Modernization/78.html>)
- Factors for Forging Automation Modernization (<http://www.automatic-forging-line.com/Modernization-Modernization/88.html>)
- What should customer prepare (<http://www.automatic-forging-line.com/Modernization-Modernization/77.html>)
- Six-joint Robot (<http://www.automatic-forging-line.com/Automation-Machines/86.html>)
- 4-axis Swing Arm Forging Robot (<http://www.automatic-forging-line.com/Automation-Machines/95.html>)
- 3-axis Walking beam type forging robot (<http://www.automatic-forging-line.com/Automation-Machines/96.html>)
- Automatic Induction Furnace (<http://www.automatic-forging-line.com/Automation-Machines/80.html>)
- Automatic Spray Machine (<http://www.automatic-forging-line.com/Automation-Machines/82.html>)
- CNC Ring Rolling Machine (<http://www.automatic-forging-line.com/Automation-Machines/79.html>)
- Cross-wedge Rolling Machine (<http://www.automatic-forging-line.com/Automation-Machines/85.html>)
- Automatic Forging Roll Machine (<http://www.automatic-forging-line.com/Automation-Machines/81.html>)
- Metal Scale Removal Device (<http://www.automatic-forging-line.com/Automation-Machines/metal-scale-removal-device.html>)
- Hot Punching Process (<http://www.automatic-forging-line.com/Automation-Machines/hot-punching-process.html>)



4-axis Swing Arm Forging Robot Application

- ☐ 1. Single machine forging, feeding, transferring, flexible installation for robot.
- ☐ 2. Multiple machines transfer between stations, suitable for different capacity of machine and different height of dies, easy to change dies.
- ☐ 3. Part ejected from bottom die in molding process, punching die needs a stripper.
- ☐ 4. Suitable for variety of parts in the same automatic stamping line, quick programming and debugging.

4-axis Swing Arm Forging Robot Technical Feature

- ☐ 1. For automatic forging.
- ☐ 2. 4-axis structure, flexible operation.
- ☐ 3. AC servo motor drive, great stability and high running accuracy.
- ☐ 4. Automatic forging with existing machine tools.
- ☐ 5. Simple operation.

Parameter of 4-axis Swing Arm Forging Robot

Type	FY-B-S4G8H
Axis Quantity	4
Maximum Radius	R1800mm
Loading	8Kg
Drive Mode	AC servo
Repeated Running Accuracy	±0.20mm
Axis Parameter	300mm R: ±180° A: 1000mm B: ±270°
Efficiency	12c/min
Rated Power	3.0KW
Environment Temperature	0~60℃
Installation	Floor Mounted

News-List

Research on Die Forging Process Technology of Gear Blank

(<http://www.automatic-forging-line.com/news/gear-blank-forging-process.html>)

The 7th Anyang 160kj CNC forging hammer has been shipped to Japan

(http://www.automatic-forging-line.com/news/160kj_CNC_hammer_in_Japan.htm)

How to operate the hydraulic hammer forging machine safely?

(<http://www.automatic-forging-line.com/news/hydraulic-forging-hammer-machine-operation.html>)

Different Forging Equipment Comparison - Choose Your Own Forging Machine

(<http://www.automatic-forging-line.com/news/how-to-choose-die-forging-equipment.html>)

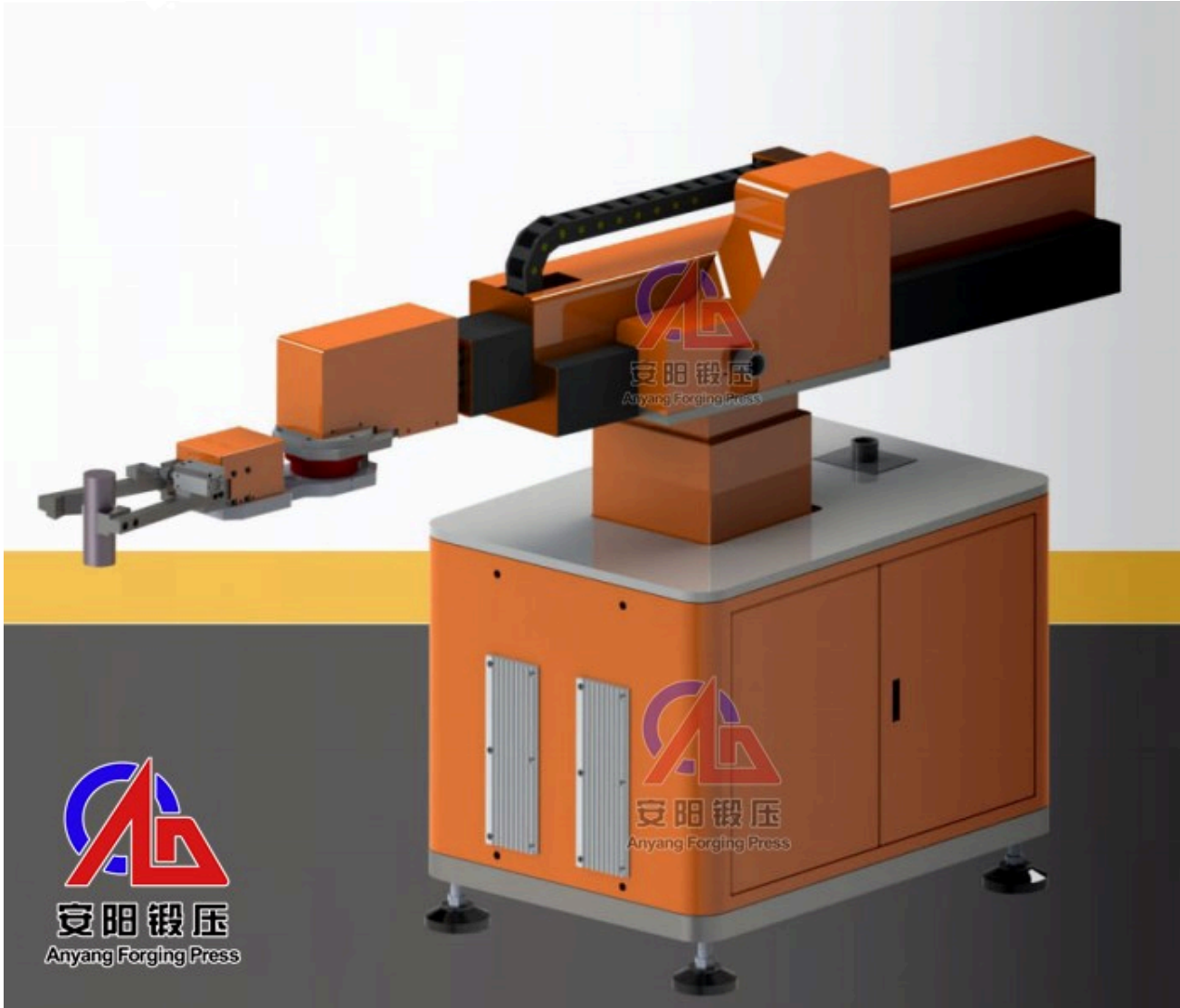
Direct Electrically Driven Screw Presses - Design & Manufacture Innovation

(<http://www.automatic-forging-line.com/news/AFP-direct-electrically-driven-screw-presses.html>)

Screw Press Forging Machine Process and Type Introduction

(<http://www.automatic-forging-line.com/news/what-is-screw-press-forging-machine.html>)

4-axis swing arm forging robot-reinforced type



Beside above one, we also can supply reinforced type 4-axis Swing Arm Forging Robot, it have excellent flexible operation.

Parameter of the reinforced one:

Type	FY-B-S4G15H
Axis Quantity	4
Maximum Radius	R1600mm
Loading	15Kg
Drive Mode	AC servo
Repeated Running Accuracy	±0.30mm
Axis Parameter	300mm R: ±180° A: 1200mm B: ±270°
Efficiency	10c/min
Rated Power	6.0KW
Environment Temperature	0~60℃
Installation	Floor Mounted

Other machines you make need:

- ◆ Material feeding machine （for option）
- ◆ Position machine （necessary equipment）
- ◆ Transfer machine （two machine tools in series connection, machine spacing greater than 1.5m）
- ◆ Automatic spray graphite machine

SEND INQUIRY



24/7 Support

If you have any questions about forging line machines, please send email to automatic@anyanghammer.com (mailto:automatic@anyanghammer.com)

you will receive reply in 2 hours!

Message:

Submit

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Requirements of Forging Automation (<http://www.automatic-forging-line.com/Automation-Forging-Lines/automation-requirement.html>)

Automatic Nut Production Line (<http://www.automatic-forging-line.com/Automation-Forging-Lines/automatic-nut-production-line.html>)

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