Press Feed Productivity
Increase Your Throughput with Servo Control
The Implementation

Yaskawa’s adjustable camming profiles reduce the jerky movement compared to traditional trapezoidal/triangle profiles.

The result: less mechanical stress to valuable equipment, no damaging marks on metal parts from rough handling.

More Production, Higher Quality: The Time is Now.

Why Upgrade: The Key Benefits

- 30% of US control systems are 15+ years old
- Manufacturing site openings are up 30%, so staff to improve productivity isn’t an option.

Upgrading to a Yaskawa control system can immediately boost output up to 1/3, while preventing expensive downtime due to outdated controls. An upgrade can be a turnkey process, eliminating your team’s time and effort.

Benefit #1: Better Parts, and More Per Minute

The speed and precision of Yaskawa controls improve press feed throughput without sacrificing product quality.

- 80 MHz processor speed allows a motion controller to process commands with lightning speed, eliminating delays.
- 24-bit encoder resolution gives a controller extremely precise positioning data, yielding faster movement to a precise position.
- The result: faster position and speed loop closure with less overshoot and near zero settling time.

Benefit #2: Easy Upgrade to New Technology

At Yaskawa, we stand behind our technology with the capability to implement it with 100% success.

- Turnkey: The Yaskawa Engineered Systems Group can perform your upgrade from start to finish, or choose a local Yaskawa integrator or motion control distributor. We’ll work with your production schedule to make things easy and convenient.
- Tailored: Want a complete DIY experience? We’re standing by with expert advice. Need a little help with sizing, programming or installation? Draw on Yaskawa’s worldwide resources or local integrator/distributor help.

An easy-to-use graphic cam editor quickly tailors system performance to your application.

50 ms settling time: Sigma 1 servo systems and some competitors’ current designs

0-4 ms: Yaskawa’s new Sigma-7 servo systems

800 MHz processor speed allows a motion controller to process commands with lightning speed, eliminating delays.

The result: faster position and speed loop closure with less overshoot and near zero settling time.

Yaskawa’s adjustable camming profiles reduce the jerky movement compared to traditional trapezoidal/triangle profiles.

- Performance: An immediate 30% increase in throughout on most existing press feed equipment
- Easy Implementation: Affordable, reliable options for turnkey improvement or assistance in upgrading

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The Time is Now.

Performance: An immediate 30% increase in throughput on most existing press feed equipment

Easy Implementation: Affordable, reliable options for turnkey improvement or assistance in updating
4,867,200
More Parts per Year

OLD
VERSUS
NEW

180 parts/minute = 3 parts/second = one part per .333 seconds

220 parts/minute = 3.676 parts/second = one part per .272 seconds

99.99993% QUALITY
100 YEARS
25 YEARS
30 CENTERS
20 INTEGRATORS
LONG-TERM

99.99993% Quality

A recent survey of 100,000 new Yaskawa servo systems found only 7 with manufacturing defects that affected operation

A reputation for reliability and unparalleled customer support since 1915

Average lifespan of a Yaskawa servo system.

Motion Solution Centers across the US and Canada, factory trained to help you select and size Yaskawa servo products

US/Canada motion system integrators with expertise in panel building, software, HMI and press control integration, plus creation of turnkey systems.

Local long-term support with Yaskawa expertise behind it

The Technology

One Standard for Performance: Rock Solid

= 4,867,200 additional parts produced per year
Yaskawa is the leading global manufacturer of low and medium voltage variable frequency drives, servo systems, machine controllers and industrial robots. Our standard products, as well as tailor-made solutions, are well-known and have a high reputation for outstanding quality and reliability.