

METALPRESS

Division of Axiom Machinery Inc.

4 POST SERVO HYDRAULIC PRESS

Precision. Control. Flexibility. Energy Saving.

MTP-SV Series

Environmentally Friendly
Low Energy Consumption



metalpressmachinery.com



NEW STANDARD FOR

PRECISION PRESS CONTROL



4 Post Servo Hydraulic Presses Built for Flexible, High-Performance Production

The MetalPress MTP-SV Series is engineered for manufacturers that need precision, flexibility, and efficient press control. With its open 4-post design, servo hydraulic drive system, and advanced Safety PLC and HMI control options, this press allows operators to quickly adjust setups, improve repeatability, and handle demanding production requirements with confidence.

Built with high-quality components and designed for long-term performance, the MTP-SV Series helps improve accuracy, reduce downtime, and support a wide range of tooling and automation needs.

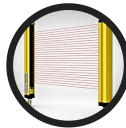
Servo Drive Motor System



Eco-Friendly
Low Energy Cost



Safety Light Curtains



Advanced PLC Control System



Zero-Force Touch Buttons



Visual Feedback



(519) 624-9987



metalpressmachinery.com

MTP-SV SERIES KEY FEATURES & OPTIONS



HEAVY DUTY CONSTRUCTION

01

The MetalPress MTP-SV Series is built with a rigid 4-post frame, heavy-duty platen structure, and reinforced press body for demanding industrial production. Its robust construction helps maintain stability, accuracy, and repeatable performance under continuous use.



SERVO DRIVE MOTOR SYSTEM

02

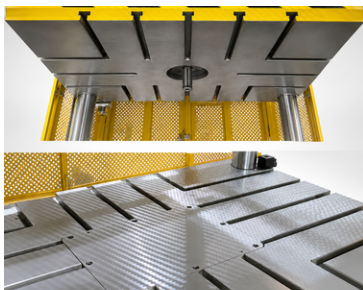
The MTP-SV Series uses a high-performance servo drive motor system to deliver precise platen control, smoother motion, and improved stopping accuracy. This system also helps reduce energy consumption, improve repeatability, and support more efficient press operation.



ADVANCED PLC & HMI CONTROL

03

The MTP-SV Series gives operators clear, centralized control through an advanced PLC and HMI system. Press settings, safety status, operating modes, and setup parameters can be monitored and adjusted from one interface for faster, more repeatable operation.



TOOLING FLEXIBILITY

04







The MTP-SV Series can be configured with options such as hydraulic center ejection and a removable plug plate to support different dies, tooling setups, and production requirements. These options give manufacturers more flexibility when handling changing applications and future production needs.







THE RANGE

SIX MODELS. FROM 35 TO 200 TON.



MTP-SV SERIES STANDARD MODEL SPECIFICATIONS

SPECIFICATIONS – US STANDARD	MTP-SV-35	MTP-SV-50	MTP-SV-75	MTP-SV-100	MTP-SV-150	MTP-SV-200
 Trim Force	35 US tons	50 US tons	75 US tons	100 US tons	150 US tons	200 US tons
 Between Tie Bars	22 x 38 inches	25 x 48 inches	28 x 52 inches	36 x 58 inches	48 x 60 inches	48 x 60 inches
 Tie Bar Diameter	3.5 inches	3.275 inches	4.5 inches	5.5 inches	6 inches	6 inches
 (A) Stroke	18 inches	20 inches	25 inches	32 inches	32 inches	32 inches
 (B) Daylight Max (Ram Up)	32 inches	35 inches	45 inches	52 inches	52 inches	52 inches
 (C) Daylight Min (Shut Height)	14 inches	15 inches	20 inches	20 inches	20 inches	20 inches

SPECIFICATIONS – METRIC	MTP-SV-35	MTP-SV-50	MTP-SV-75	MTP-SV-100	MTP-SV-150	MTP-SV-200
 Trim Force	32 tonnes	45 tonnes	70 tonnes	90 tonnes	140 tonnes	180 tonnes
 Between Tie Bars	560 x 970 mm	635 x 1220 mm	715 x 1325 mm	915 x 1475 mm	1220 x 1525 mm	1220 x 1525 mm
 Tie Bar Diameter	90 mm	83 mm	115 mm	140 mm	152 mm	152 mm
 (A) Stroke	460 mm	510 mm	635 mm	815 mm	815 mm	815 mm
 (B) Daylight Max (Ram Up)	815 mm	890 mm	1143 mm	1325 mm	1325 mm	1325 mm
 (C) Daylight Min (Shut Height)	355 mm	380 mm	500 mm	510 mm	510 mm	510 mm

WHY SWITCHING TO **SERVO TECHNOLOGY** DELIVERS BETTER ROI



Traditional presses can be effective, but they often limit control, waste energy, and make it harder to maintain consistent part quality.

Servo-driven technology gives operators precise control over force, speed, position, and motion throughout the forming cycle whilst saving on energy costs. Power is applied only when needed, helping improve efficiency and process stability.

The ROI comes from better performance across the entire operation: improved repeatability, reduced scrap, lower energy use, faster setup, and smoother automation integration.

For manufacturers running high-volume production, servo technology helps create a more flexible press system that can adapt to different parts, processes, and production demands.



**READY TO INCREASE
PRESS CONTROL
AND PRODUCTIVITY?**



**Improve Accuracy.
Save Energy Costs.
Increase ROI.**



REACH US HERE:



(519) 624-9987



inquiry@axiommachinery.com



200 Beverly St , Cambridge, ON N1R 3Z8



700 Franklin Blvd, Cambridge, ON N1R 7Z1

