

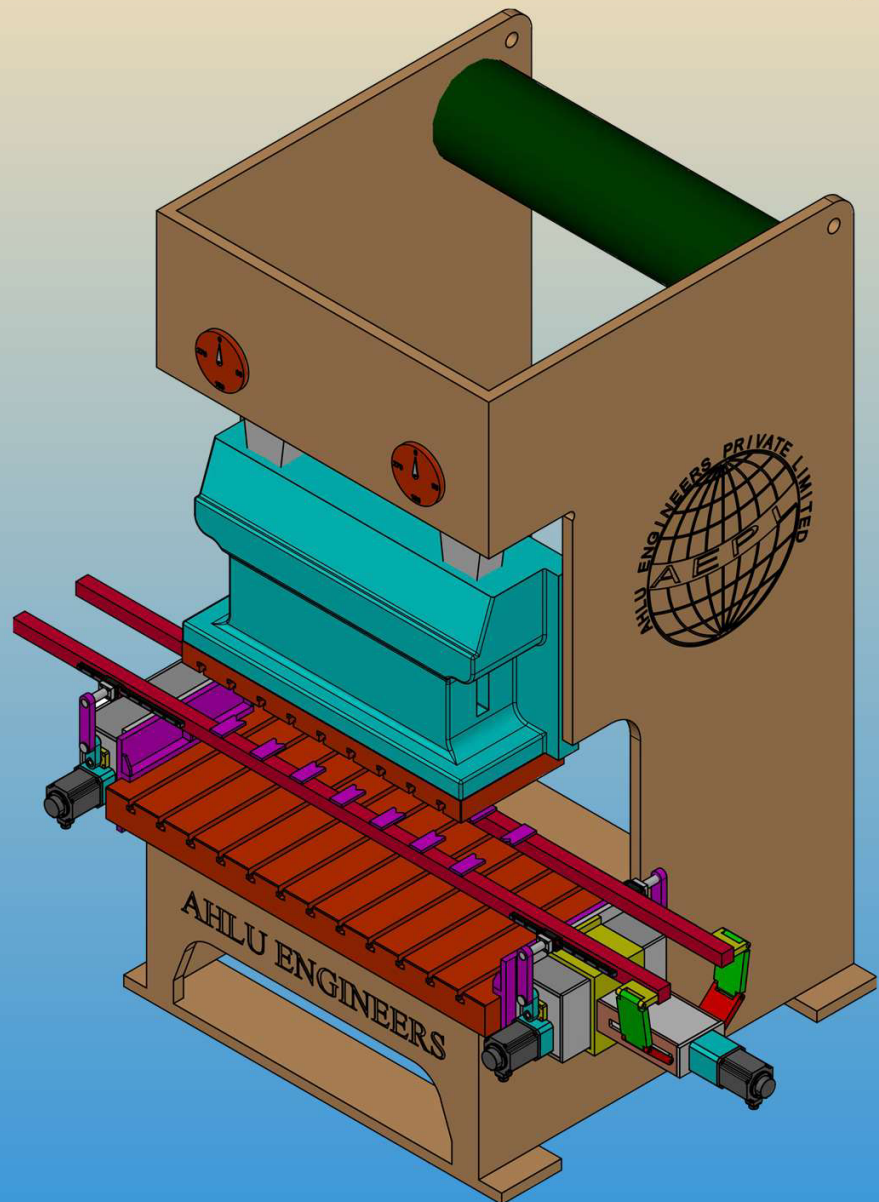


**AHLU
ENGINEERS**
PRIVATE LIMITED

www.ahluengineers.com

AST2All Series

Ahlu Servo Transfer 2 Axis Double Bar type



Manufacturer :

AHLU ENGINEERS PRIVATE LIMITED

Near Shiv Sena Office, Sonarpada Phase 2, Dombivali (E) 421204
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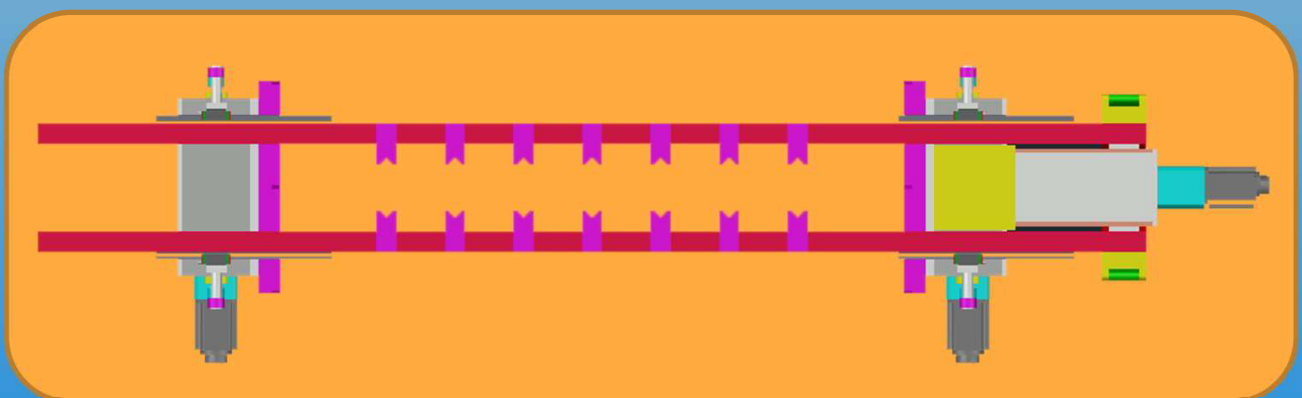
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|| AST2All Series

■ Common Characteristics of Two Bar System -

1. Each Servo Axis is operated with high accuracy with the help of Precision Servos.
2. To Protect Tooling and Machine, each system is by-default comes with mis-feed, die-stuckage & Jamming detection feedbacks are taken in each process cycle to provide required safety.
3. The Position Synchronization is performed with the help of Rotary Encoders which connects to the crankshaft of the press. All the transfer axes are driven by servo motor and run synchronously with the press.
4. Along with Encoders, Transfer System Controller stays in-continuous communication with press PLC along with the Additional Hard Sensors mounted on output shaft via Rotary cam box to reduce any accidental risk in case of Encoder failure.
5. Blank Feeders are generally used to feed Blanks via Magazine type feeders but Servo Sheet Feeders or Zig Zag Feeders can also be utilized by customizing to suit Transfer system & its respective press.

■ Top View Sample Layout -



* For easy reference purposes and may vary based on actual component.



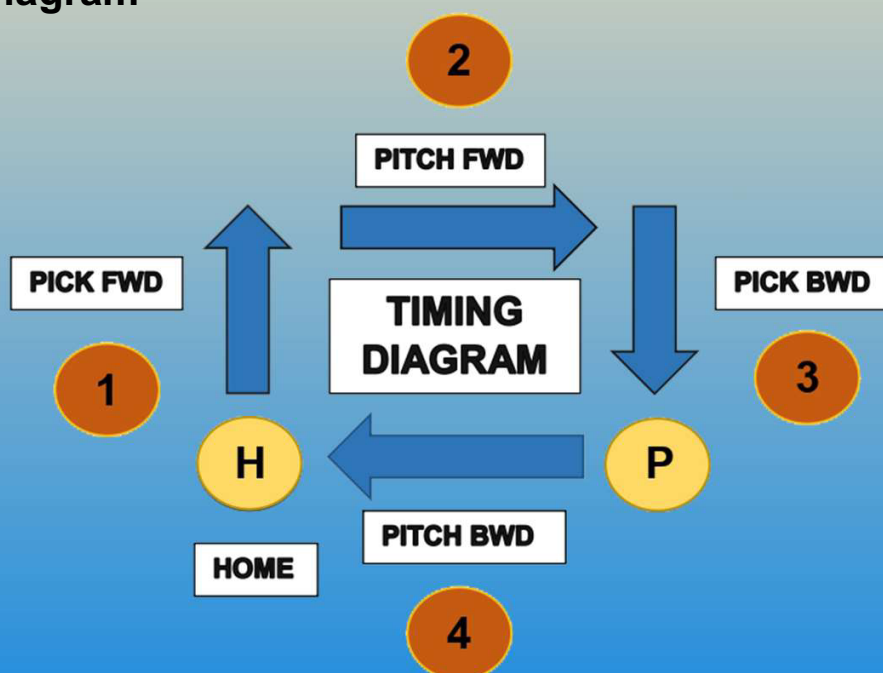
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Specifications -

Item	Unit	AST2All-125L	AST2All-250L	AST2All-500L
X Axis / Transfer pitch	mm	0-125	0-250	0-500
Y Axis / Clamping Stroke	mm	0-40	0-65	0-125
Feed Bar Size	mm	60	80	90
Weight Capacity	kg	2	3	5
Feeding Accuracy	mm	± 0.1	± 0.1	± 0.1
Maximum Stroke Feed	spm	40	30	20
Main Dimensions	mm	Please Contact		
Supported Bolster Width	mm	Please Contact		

*The contents are subject to change by manufacturer without prior notice.

Timing Diagram -





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Standard Features -

- **Precision Servo driven** design for continuous use.
- Ethernet IP based **Automation controller**.
- **Hi-speed Ethercat** based slave communication.
- **Easy Finger changeover**.
- Easy **On-site Remote Support** available.
- **IIOT enabled machine**.
- Remote Monitoring System for **Real time data tracking**.
- Future Ready towards **Industry 4.0**.
- User friendly system with Operator manual over display.
- **Battery less Absolute Encoder design** for easy maintenance.
- Electrically protected **safety operated against Voltage levels**.
- **Energy Monitoring system** facilitates Asset management.
- Completely programmable system.
- Large sized Operator display (HMI) for ease.

If undelivered,
Please return to below address :

Manufactured by -

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