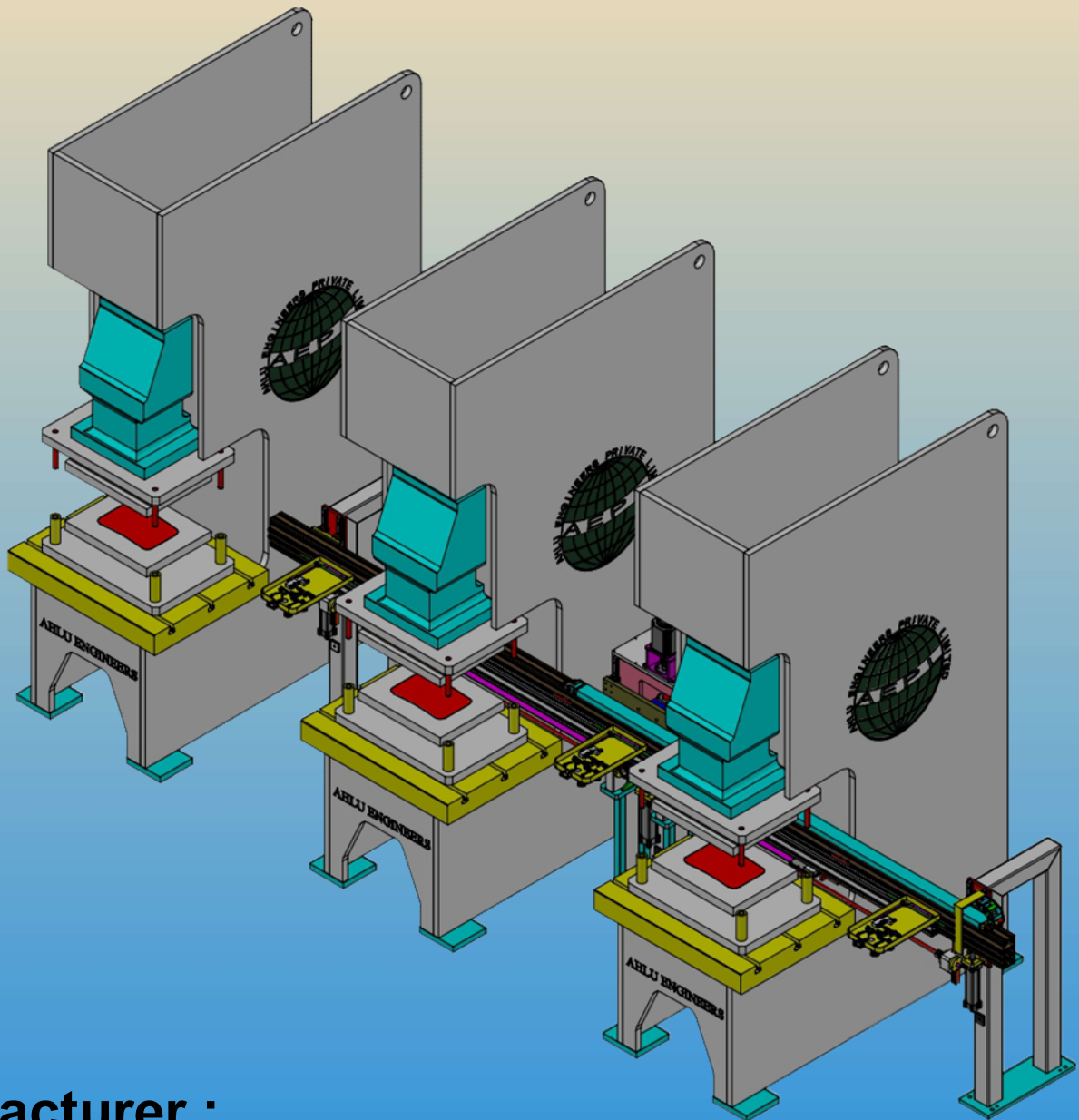




**AHLU
ENGINEERS
PRIVATE LIMITED**
www.ahluengineers.com

AMPTS Series

Ahlu Multi Press Transfer System



Manufacturer :

AHLU ENGINEERS PRIVATE LIMITED

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

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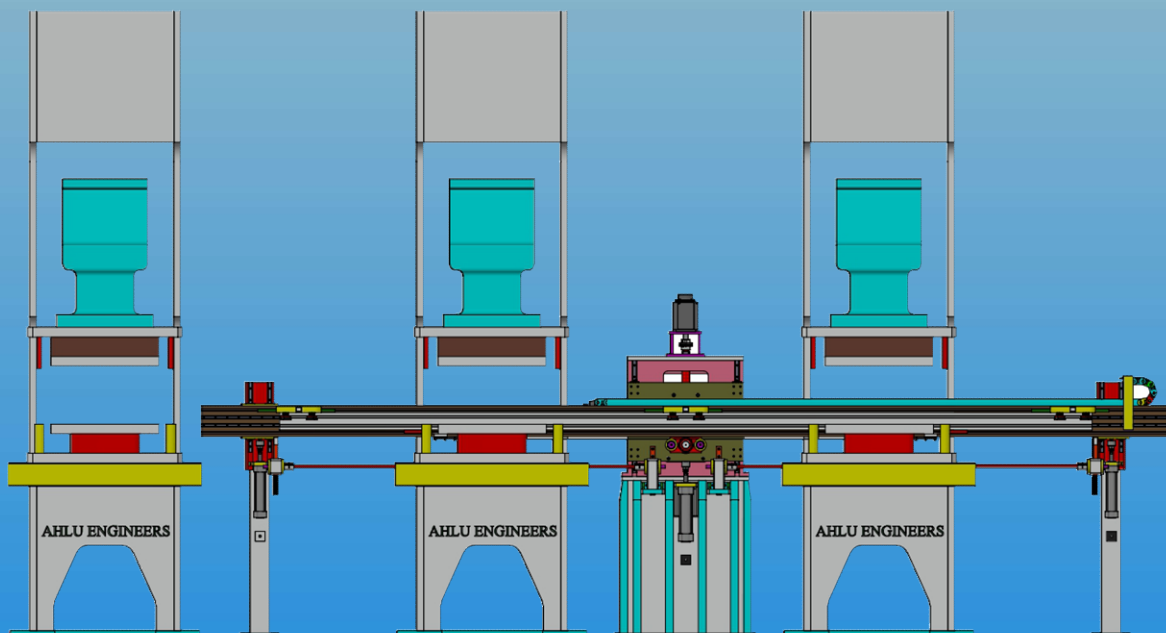
www.ahluengineers.com sales@ahluengineers.com

AMPTS Series

Common Characteristics of Multi Press Transfer 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.

Front View Layout -



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



AMPTS Series

Specifications -

Sr. No.	Item	Unit	AMPTS-500L	AMPTS-1000L	AMPTS-2000L
1	X Axis / Transfer pitch	MM	0-500	0-1000	0-2000
2	Z Axis / Lift Amount	MM	0-40	0-65	0-90
3	Feed Bar Size	MM	65	80	90
4	Weight Capacity	KG	2	3	5
5	Feeding Accuracy	MM	± 0.2	± 0.2	± 0.2
6	Maximum Stroke Feed	SPM	30	20	15
7	Main Dimensions	MM	Please Contact		
8	Suported Bolster Width	MM	Please Contact		

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

Purpose of AMPTS series -

- Purpose is to reduce the Manpower requirement to run the complete production line setup with no stoppages / blockages due to Quality parameters in between two operations.
- This system not only provides optimum & guaranteed speed but also standardisation in processes brings multi-fold production capacity throughout all shifts in uninterrupted manner.
- Generally, This system is utilized with Operational requirement of 3 or more Presses in a single component for mass production needs.



AMPTS Series

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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