STIWA Group

HANDLING SYSTEMS

PAC - PNEUMATIC ACTUATOR CONTROL

Intelligent – Dynamic – Gentle

© STIWA Group – Turning Ideas Into Successful Solutions

PAC – PNEUMATIC ACTUATOR CONTROL

STIWA MECHATRONIC SYSTEMS – YOUR PARTNER FOR OPTIMIZED PRODUCTION

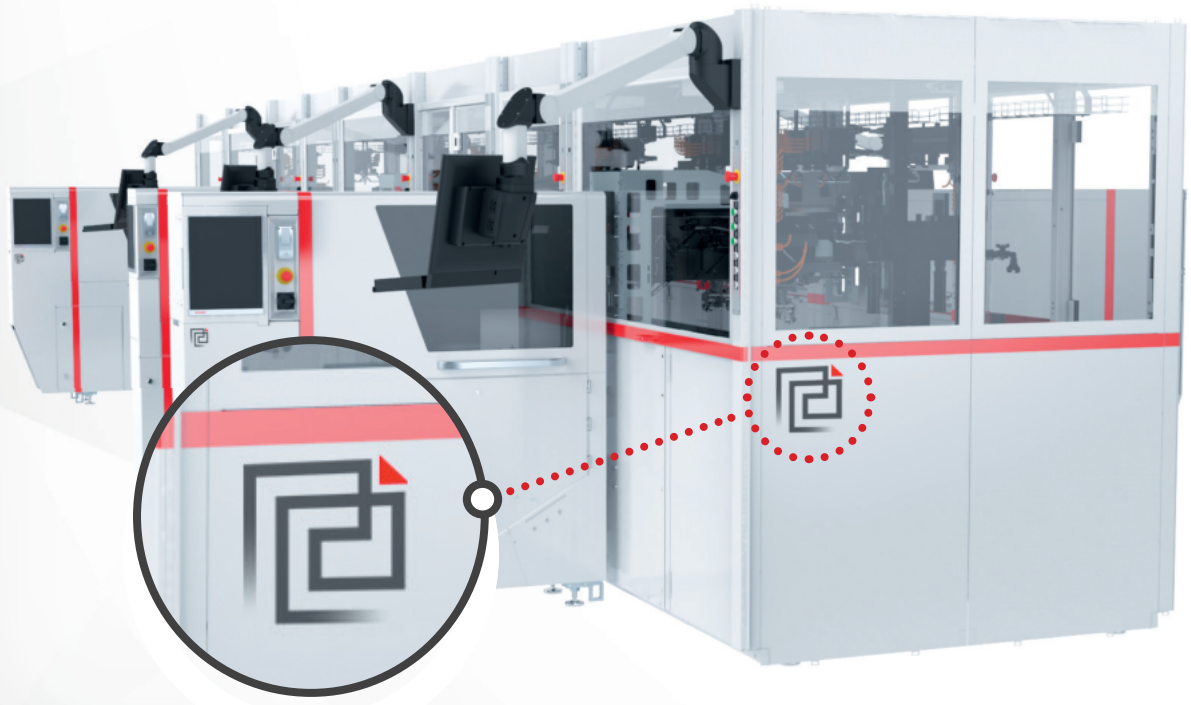
As a leading manufacturer in automation technology, our products, projects and services have enabled optimized technology integration with the best possible overall effect for many years. Through the focused interplay of mechanics, software and electronics we achieve product solutions that guarantee the greatest possible flexibility, standardization and safety. Our approach is "cooperative growth" – we accompany our customers along their entire value chain.
Whether supply, handling, transportation or complete systems: STIWA is your partner for mechatronic special solutions!

HANDLING SYSTEMS

In industrial production, handling systems are part of the innovative products of modern production and automation systems. Our products are specifically designed for the requirements of high-performance automation. STIWA sets its own standards for handling systems in the areas quality, performance and innovation.

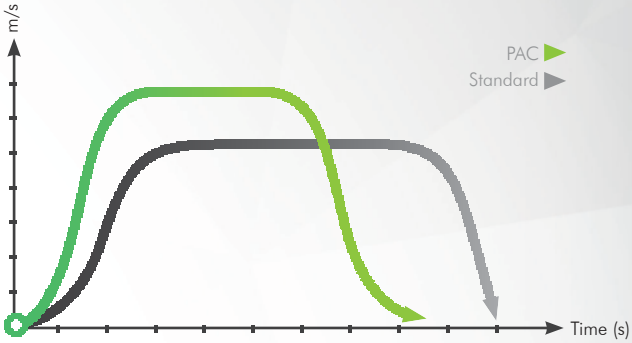
PNEUMATIC AXIS: PAC

With the pneumatic axis PAC (Pneumatic Actuator Control) STIWA provides an innovative combination of easy hardware & intelligent software, that allows faster cycle times at less load of the machine - independently of machine systems and interfaces.



INTELLIGENT MEANS OF PRODUCTION

High performance control cycles enable the control of pneumatic axes with our products in almost real time. The networking is carried out by means of included basic software. The convenient integration ensures rapid implementation and optimized control.



CHARACTERISTICS AND FUNCTIONS

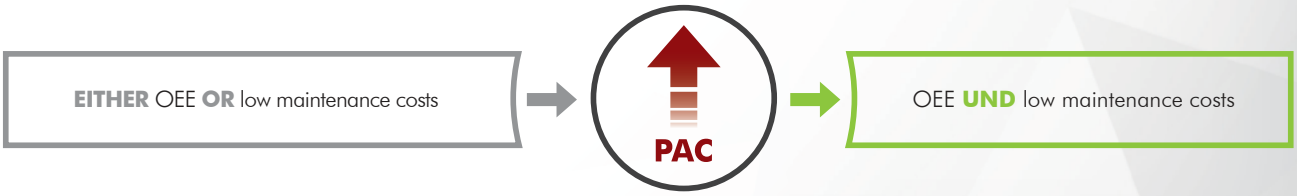
- **Performance:** Unrestricted acceleration and target-oriented deceleration enable the ideal production velocity and define maximum performance of the product
- **Service life:** Precision & dynamics as well as high reliability provide a clear protection of system components
- **Strain:** Effective reduction of maintenance costs and switch of wear components via intelligent use of software and hardware
- **Integration:** Rapid and easy connection to new, as well as already existing systems.

YOUR BENEFIT

Define the optimal process according to your requirements for an effective usage of your linear axes with all the necessary parameters.

Supplement critical systems via PAC and profit from the optimization of service life as well as maximization of velocity.

„For us as machine operators, PAC has yielded significant improvements. The modified axis is cycle time determining and at the limit of whats currently possible in technology. Thanks to PAX, the module now runs constantly above the previous limit value and appears "more relaxed". This has a positive impact on the shock absorbers. Before, we had to decide whether we accept the high maintenance costs at the dampers for reaching the OEE. Now we reach OEE at low maintenance costs. This is why we will equip other high performance axes with PAC." Mathias Kaml (process development)



© STIWA Group – Turning Ideas Into Successful Solutions

COMPLETELY INTEGRATED – by this we understand:

- All software system components from one provider
- No black-box systems or foreign components in the overall system
- In-depth process control CONCERNING performance, quality, etc.
- Clearly defined interfaces and continuity of data

PAC-DEVICE

- Also usable in competitor machines
- Low effort thanks to flexible solution
- Quick installation with rapid and optimal result
- Barely any changes necessary at existing components
- Soft- & hardware as complete package – carefully chosen components guarantee continuity and reliability

» For your specific requirements we offer you individual trainings and consultation.

Your contact

STIWA Automation GmbH
Produktmanagement
Stefan Baier
Technologiepark 10
4851 Gampern

Phone: +43 7674 603–8140
Fax: +43 7674 603-114
Mobile: +43 664 80803 340
stefan.baier@stiwa.com
www.stiwa.com

Subject to typesetting and printing errors as well as technical errors and modifications. Status: June 2022