



MACHINES FOR  
BATTERY PRODUCTION AND SPECIALISED  
MECHANICAL ENGINEERING



## Maintenance planning by software:

# Guaranteed machine availability!

The use of our maintenance planning software, which is integrated into the machine control system, helps you, among other things, to organise machine / system maintenance.

The software counts and documents the performed machine cycles and issues warnings on the control display when a pre-defined maintenance interval has been reached. This ensures that the machine / system remains in a functional state. This kind of preventive maintenance increases machine availability and thus productivity.

Existing systems can be retrofitted with this software at any time.



## Your benefit:

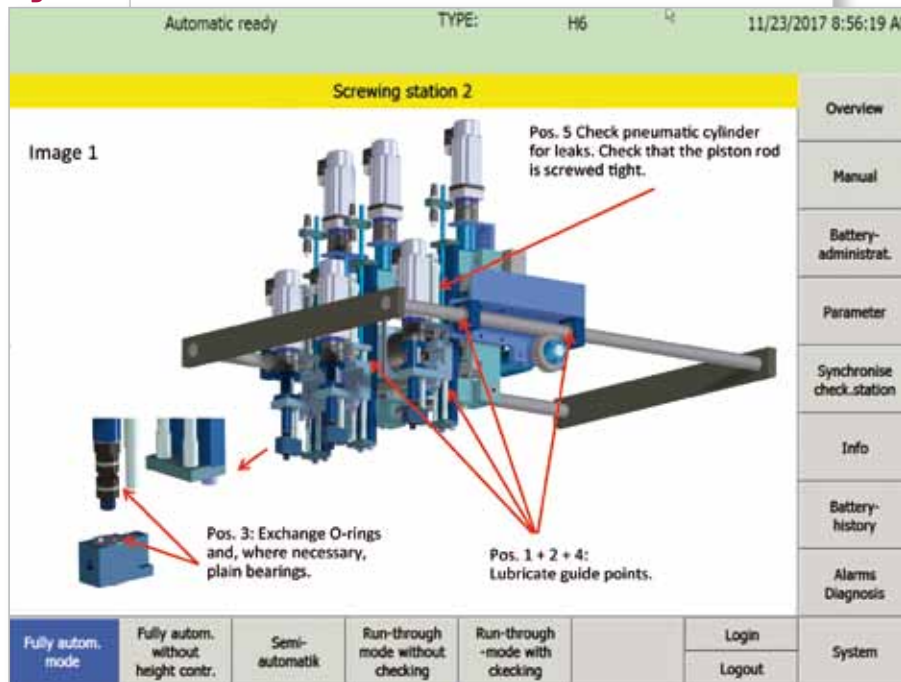
- + Maintenance / repairs / maintenance dates are more transparent and can be planned in a more targeted way
- + Workflows are facilitated
- + Longer service life of machinery and systems thanks to regular maintenance
- + Increased system availability thanks to preventive maintenance
- + Automated and seamless, user-independent documentation of maintenance

Fig. 1

Interval	Batteries/ time	12,000 daily	80,000 monthly	236,000 monthly	2,832,000 bi-annually	4,232,000 annually	See image
No	Assembly						
1	Screwing station	Guide shafts for the screwdriving stroke	V	L	C		1
2	Screwing station	Guide shafts for the screwdriving station		L	C		1
3	Screwing station	O-rings and bearings in a screw block		L	E		1
4	Screwing station	Piston, guide reduction shaft		L	C	E	1
5	Screwing station	Pneumatic cylinder screwdriving stroke			V		1

V = Visual inspection L = Lubrication E = Exchange in the event of appropriate wear and tear, C = Clean

Fig. 2



## EXAMPLE OF A MAINTENANCE MESSAGE

**Fig. 1:** The message will be displayed, when the service interval or predetermined machine cycle has been reached.

**Fig. 2:** In the activated maintenance mode the touch panel will guide maintenance personnel through the maintenance steps to be performed in a menu-controlled way.

## EVERYTHING FROM A SINGLE SOURCE

Thanks to our integration into the **PÜTZ GROUP** and the resulting **synergy effects** we are able to offer you not only battery production machines but also the appropriate testing technology to test surfaces, for dimensional accuracy and completeness.

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### Good reasons for ACCUMATION ...

... we take your production on the road to success because we have the technology you need.

**We look forward  
to hearing from you!**