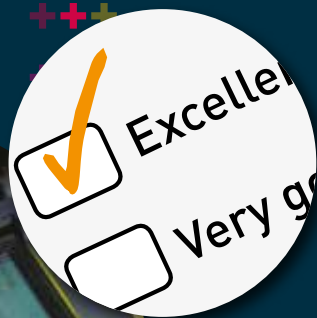


# System 3R – Preventive maintenance & inspection Automation



System 3R

## Preventive maintenance & inspection

# Always in top condition



Is your robot several years old?

Unplanned stops of your automatic cells can be very expensive. To reduce the risk of unplanned downtime, we offer preventive maintenance agreements.

System 3R's products are built to give extremely long lifetime. To ensure this durability, annual maintenance and inspection are required.

### What do I get as a customer?

So that you can escape the need for emergency servicing, System 3R offers a number of standard and customised maintenance agreements. Our maintenance agreements usually run for periods of one year. Everything depends on the automatic cell's complexity and its use.

### How a preventive maintenance agreements works

- Scheduled reconditioning at agreed intervals (once a year is recommended) to minimise operating costs and the risk of stops.
- Optimisation of the automation cell function and performance (this ensures the quality of the end product).
- Work is carried out by our own well-trained service technicians, who will also recommend any further measures.
- Maintenance is as per a checklist and the price is fixed. If any spare parts not in the checklist are required, these are charged for separately.
- Original System 3R parts are always used for maintenance.
- Digital registration in System 3R's quality register. Regular offers for "call-back visits" when it is time for maintenance and inspection.

### Why annual maintenance?

Regular reconditioning minimises production stops and optimises function, precision and performance.

For those customers who prefer to book maintenance as and when they require, we do, of course, offer the same type of reconditioning. However, costs and service technician availability are then on a case-by-case basis.

### Example inspection points

**Mechanics:** Visual inspection and lubrication of toothed racks and linear guides; examination of grippers, change positions, chain drives, chain-type cable racks, air filters and magazine positions.

**Pneumatics:** Air regulators, chuck sensors and air pressure.

Function testing and configuration: Cell doors, emergency stops, ID scanning, programmed sequences and back-up.

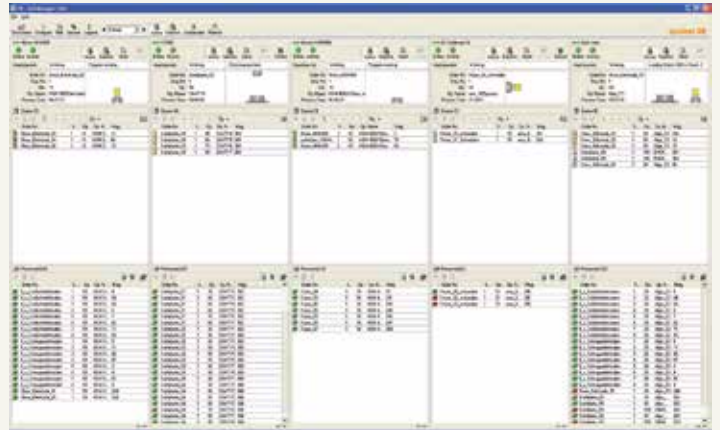
**Peripheral equipment:** Loading stations, drying stations, draining stations, etc.

24h x 365 – Availability thanks to preventive maintenance



””  
Expensive production stops  
can be avoided with regular  
maintenance intervals ””

Broken O-ring – Many years in use with no maintenance.



Annual maintenance is your peace of mind  
Regular reconditioning of your Reference systems  
minimises production stops and optimises function,  
precision and performance.

### Reference systems

Preventive maintenance of automatic plant includes,  
naturally enough, preventive maintenance of the Reference  
systems in the cell.

### Certificate

We complete the checklist and date the report. The  
documentation assures the quality of the performed work  
and provides peace of mind in guarantee cases.



### Software

Automatic cells from System 3R are, in many cases,  
equipped with WorkShopManager. This software simplifies  
cell management and makes it more dependable. For  
preventive maintenance/upgrades of hardware and/or  
software, please refer to separate documentation.

### Terms and conditions

The cell must be accessible at the time of maintenance  
and cannot be used/run during maintenance. Lubricants  
are included in all maintenance packages.

Separate quotations are sent for repairs, replacement  
components and wear parts not covered by the  
maintenance points. System 3R original parts are always  
used.

Preventive maintenance of Reference systems is only  
carried out where these are from System 3R and in  
original format.

Maintenance visit bookings should be arranged via the  
local service centre. For contact details, please refer to  
[www.system3r.com](http://www.system3r.com).

## System 3R's Customer Services

- Ensuring productivity.
- Reducing running costs and wasted parts.
- Maximizing the return on your System 3R investments.
- Extending the product lifetime of your System 3R equipment while maintaining optimum precision.
- Ensuring robot cell safety satisfies present machine directives.

System 3R's Customer Services is uniquely positioned to help you maximize the availability, value, precision and productivity of your System 3R equipment. Our cost-effective, customer-centric and expert services put your success at the center, ramp up your productivity and ensure predictable, uninterrupted uptime. System 3R's service engineers are your expert partners for a wide range of success-triggering services.

For contact details, please refer to:  
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