



» SIT BACK, RELAX AND LET OUR EXPERTS TAKE CARE OF YOUR ROBOTS.



» IN ORDER TO GET IN TOUCH WITH US PLEASE CONTACT:



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FANUC - NO.1 IN FACTORY AUTOMATION AND ROBOTS



» PREVENTIVE MAINTENANCE

» WELCOME TO THE YELLOW WORLD!

## PREVENTIVE MAINTENANCE - EXTEND THE LIFETIME OF YOUR FANUC ROBOTS!

As the world leader in robotics and automation, FANUC Robotics is strongly committed to building the best and most reliable products. With a dependability of 99.99%, our robots are the most reliable in the world.

In order to maintain and make complete use of this high level of proficiency during the entire life of a robot we recommend FANUC Robotics Preventive Maintenance: an all-round carefree package of services performed by FANUC Robotics' technicians.

We make sure that everything runs smoothly, because we know that every minute of downtime minimises your output. After all, you have more important things to do.

### FANUC ROBOTICS PREVENTIVE MAINTENANCE - YOUR BENEFITS!

- **Reliable machine availability**  
Ensure your robot continues working without any unplanned interruptions
- **Reduced costs**  
Performing regular Preventive Maintenance decreases the cost of unplanned service intervals
- **Calculated budgeting**  
Preventive Maintenance Contracts let you to budget more accurately

» HIGHER PRODUCTIVITY AND MORE CUSTOMER SATISFACTION



## BEST PERFORMANCE THROUGH HIGHEST COMMITMENT

BY CARRYING OUT REGULAR PREVENTIVE MAINTENANCE, YOUR EQUIPMENT WILL LAST LONGER, REDUCING COSTLY BREAKDOWNS. THEREFORE FANUC ROBOTICS OFFERS A WIDE RANGE OF STANDARD AND CUSTOMISED PREVENTIVE MAINTENANCE CONTRACTS. THESE CONTRACTS GENERALLY EXTEND BETWEEN 1 AND 5 YEARS WITH MAINTENANCE BEING PERFORMED AT LEAST ONCE PER YEAR DEPENDING UPON YOUR APPLICATION AND WORK ENVIRONMENT.

Just some items included in every preventive maintenance visit are :



### Robot manipulator :

- Backlash and repeatability
- Visual inspection of cables and connectors
- Safety brake test
- Bearing and reducers lubrication service
- External cleaning of the robot



### Robot controller :

- Programme back-up and storage on our secure After Sales Module (ASM)
- Primary and auxiliary control
- Emergency stop test
- Visual inspection of cables and connectors
- Internal vacuum cleaning
- Inspection of teach pendant functionality and overall inspection and cleaning

To guarantee the best quality, we only use genuine FANUC Robotics parts and recommended lubricants.



FANUC Robotics even takes your used grease and disposes of it according to European environmentally friendly rules and regulations.

» WE KEEP YOUR ROBOTS RUNNING IN FORMULA 1 CONDITION!

» YOUR CUSTOMISED INSURANCE AGAINST DOWNTIME

## FANUC ROBOTICS AFTER SALES MODULE (ASM) - YOUR CAREFREE-PACKAGE

PICTURE THIS: SOMEONE AUTOMATICALLY REMINDS YOU WHEN IT IS TIME FOR THE NEXT OIL CHANGE OF YOUR CAR. THIS IS EXACTLY HOW THE CUSTOMISED FANUC ROBOTICS AFTER SALES MODULE (ASM) WORKS: WE KEEP TRACK OF EVERYTHING AND CONTACT YOU WHEN MAINTENANCE NEEDS TO BE DONE.

Your advantages with FANUC Robotics After Sales Module (ASM) :

- We keep track and contact you when maintenance needs to be done.
- We back up and store your controller back-ups on our secure After Sales Module (ASM) and are available for you when needed.
- After a maintenance on your robots, you receive a detailed status report of the work performed and any recommendations in PDF-format on an USB-stick with a copy of your back-up.

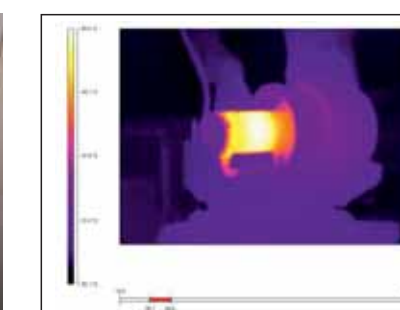


» PREVENTING ERRORS BEFORE THEY DEVELOP

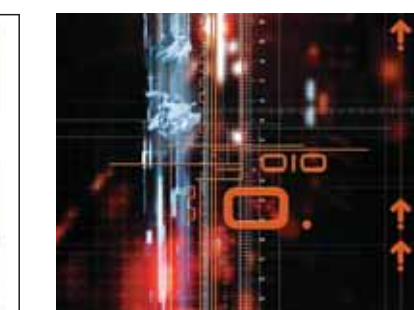
IN ADDITION, DEPENDING UPON THE PREVENTIVE MAINTENANCE CONTRACT, FANUC ROBOTICS CAN OFFER OTHER SERVICES WHICH INCLUDE:



**VIBRATION ANALYSIS :**  
Using the latest technology in vibration analysis to predict future problems.



**THERMAL IMAGING :**  
Making sure the running temperatures are within normal operating parameters.



**DATA MONITORING :**  
Monitoring critical system variables (number of collisions, E-stops, overheat etc ...) over a period of time to ensure values are within normal parameters.



» WE LOOK FORWARD TO DISCUSSING YOUR REQUIREMENTS WITH YOU!