

**ROS**

UNITED KINGDOM

RACK REPAIR SYSTEM

www.ros-uk.com

## The revolutionary racking repair process!

The smart,  
modern  
solution  
for damaged  
racking  
uprights!

Contact us now  
to find out  
about our  
brand new  
revolutionary  
racking repair  
service!

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There is no space too big, too  
small or too awkward!

global repairs of

**150K**

uprights completed  
annually

**0845 689 4700**

**info@ros-uk.com**

## An idea born out of necessity

When global furniture giant IKEA became tired of spending hundreds of thousands of Euros on replacement racking uprights, they contacted a local structural engineer to assist them with finding a smarter solution.

### The basic principal of the system is extremely simple

We designed and developed a hydraulic tool that, by combination of a precision-formed die and controlled hydraulic pressure, reforms damaged racking uprights back to their original shape and strength – whilst the racks are under full pallet load!



### The system benefits are simple but effective

- Repair, rather than replace!
- No need to off-load your racking, as our system works under full load!
- Virtually zero operational disruption!
- Minimal cost when compared to replacing damaged uprights!
- Savings of up to 50% are common!
- Far more environmentally friendly, less transport required and wastage generated!
- Repair damage much quicker than replacing typical lead time is one to two weeks!
- All works fully certified and guaranteed!
- Industry-leading insurance cover provided by world leading insurers – Lloyds of London!

The above points are helping to make the expense and inconvenience of traditional racking repairs a thing of the past

## The smart solution for damaged racking uprights!

Damaged racking uprights present a huge cause for concern within the warehouse environment, with the structural integrity of the racking being severely compromised with every forklift truck impact. Further problems arise when having to shut down the affected pallet locations, which is extremely time consuming and costly to your operation.

Unfortunately, the problem doesn't end there - you are then faced with long lead times for new materials, expensive replacement material costs, with additional costs for installation, forklift truck hire, scissor lift hire, etc. Suddenly, you are presented with an unexpected bill running into many thousands of £££s, in addition to the enormous operational disruption that accompanies traditional racking repairs.

ROS vs Traditional Repairs Methods

**25** upright repairs per day using the ROS system

**8** upright replacements per day using traditional systems



Over 200% MORE productive

If, like most of our customers, you are tired of this persistent problem, you will be delighted to discover that there is a solution! Give us a call on: **0845 6894700** to find out more.

### Main Features

- An incredible, unique process that returns damaged racking uprights to their original form in less than thirty minutes
- Racks can remain loaded whilst the repair is carried out
- Save up to 80% of the cost of replacement, whilst minimising operational disruption
- Over 150,000 upright repairs carried out each year
- Certified to British and European standards
- It's green – reduce your carbon footprint by repairing rather than replacing uprights



### Here's how the system works



#### Step One

One of our highly trained and professional teams of technicians carry out an initial inspection of the damaged upright. This is to ensure that the level of damage falls within the stringent parameters governing the use of our patented, certified, upright repair system.



#### Step Two

A custom, precision-engineered die is secured to the damaged upright and controlled hydraulic pressure is applied using our state-of-the-art process. The repair process works three dimensionally, to ensure correct re-profiling of the front face, side walls and corners.



#### Step Three

After the repair process is completed, the hydraulic pressure is gradually released and the precision-engineered die is retracted. The repaired upright is then revealed, having acquired its original shape and form, with no loss of strength, fit or function. **GUARANTEED!**



### The benefits of our rack repair system

- Certified to BS EN 15635!
- Our process is certified to the relevant British and European standard and is fit for purpose!
- Helps meet your Health and Safety obligations quickly and cost-effectively!
- Adherence to the stringent quality standards enforced by our certification!
- Fully insured and the work is guaranteed for life!
- No need to unload your racking whilst the repair is conducted!
- No waiting for replacement materials!



**ASK  
US TO  
QUOTE**



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Bayer Technology Services



## Accreditations

### DEKRA

**DEKRA Certification GmbH, Worldwide HQ, Stuttgart, Germany**

*"Our trials found that the ability of the racking to withstand the required loads remained uncompromised after repairs had been made using the ROS process"*

*"The ROS racking repair process is granted certification to EN 15635 – The Application and Maintenance of Storage Equipment"*

**Dr Walter Steffen**  
**DEKRA Certification GmbH**

### The Dr Möll Institute of Engineering

**The Dr Möll Institute of Engineering, Darmstadt, Germany**

*"no reduction of the load bearing capacity could be observed"*

**Dr P Stangenberg & Dr J Anders**  
**The Dr Möll Institute of Engineering**

### Bayer Group

**Bayer Technology Services, Leverkusen, Germany**

*"providing the repairs are limited to a maximum of three times, there are no indications of material fractures or weakness whatsoever"*

**Professor Eckstein**  
**Bayer Technology Services**

### TNO

**TNO Environment and Geosciences, Holland**

*"the ROS method did not result in any noticeable loss of load bearing capacity"*

**Dr P.E. de Winter**  
**TNO Environment & Geosciences**