

JOSY WELD INSPECTION

REDUCES RISK OF WARRANTY CLAIMS

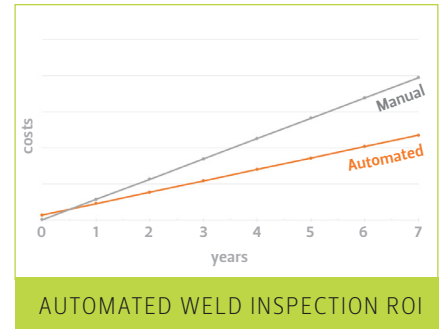
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JOSY

Warranty claims resulting from defective welds can cost you millions in unplanned costs, and the provision of budget for them. They may not happen every day, but when they do, the effect is significant. These claims can have a serious effect on you and your customers. Product recalls typically cost millions of dollars in fines and repairs, and manufacturer reputation is sure to suffer. In the automotive industry, the recall cost for affected vehicles is high.

This can cause the car manufacturer to revoke the quality status of the weld equipment supplier, and places future work in jeopardy. In addition, the reputation of the supplier is affected, and this may spread to other customers, reducing demand from them.

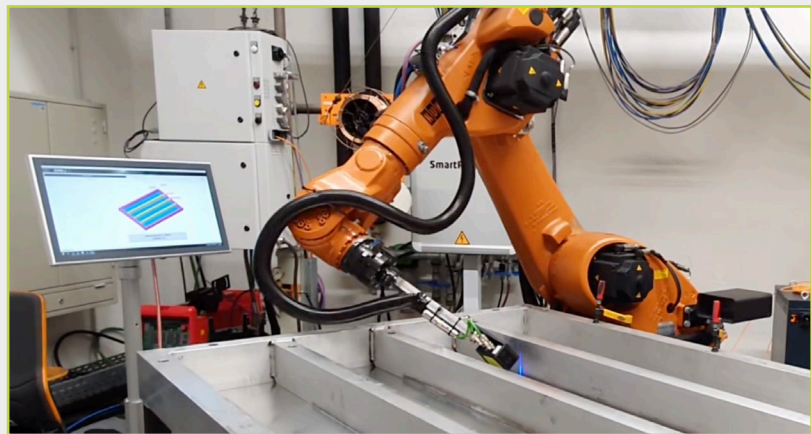
Reliable and objective detection of welds to identify defects is essential to avoid the negative consequences of warranty claims.



The end customer inspects the welds on incoming material. If a defective part is found, the Tier 1 operator, who is responsible for the welding, is called in to carry out additional checks. This containment period for inspection can be costly; it is scaled according to the number of shifts and plants in which the part is used – for example, three shifts in five plants involves 15 people, a substantial manpower cost.

A further – and even more significant – cost factor is the possibility of recall to the end customer.

If the defective part is in circulation and the product has to be recalled, the expense involved can be very serious, as can the associated reputational damage for both the OEM and the original part supplier.



The JOSY system is the solution for automated 3D weld inspection. This sensor solution is easily integrated into a production line to inspect all of the welds accurately. The risk of defective parts slipping through inspection is ten times lower than when using human eye inspection.

Using an automated system ensures the high level of accuracy that

comes with machine vision, and removes the need for multiple checks, saving time and expense.

With accurate defect reporting, users have a data record of the defects discovered and repairs made. This allows robust defence against warranty claims and related reputational damage.

SEE THE SAVINGS | Installing a 3D weld inspection system can save you **each year** up to:

\$100,000 IN MATERIAL COSTS

\$70-100,000 LABOUR COSTS

\$50,000 IN FLOOR SPACE

JOSY weld inspection – can you afford not to have it? **See the full story and let us calculate your ROI**