

Case Study

Quadra Solutions Ltd

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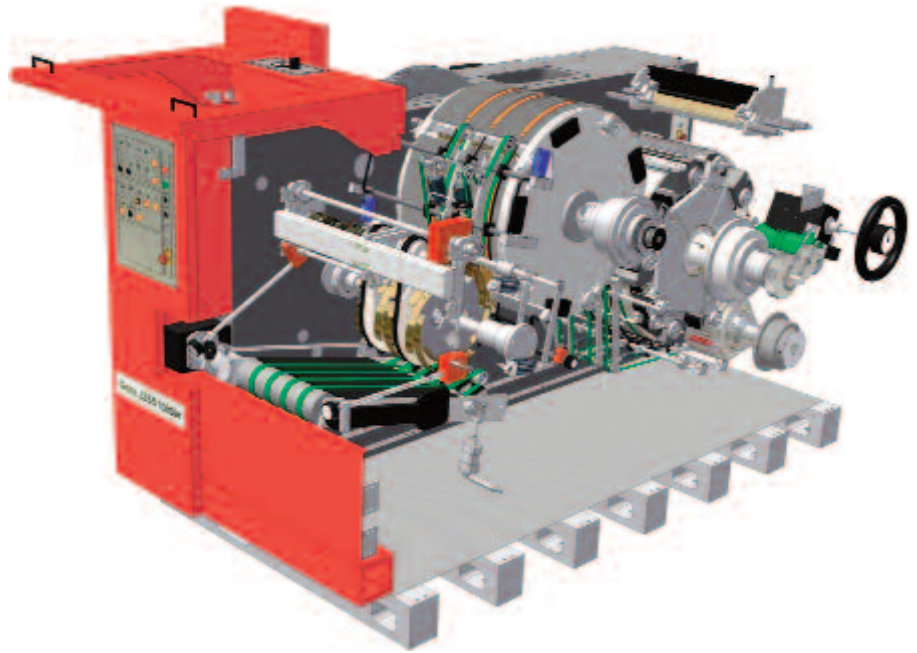
Tel: 01254 301 888

Email: sales@quadrasol.co.uk

Web: www.quadrasol.co.uk

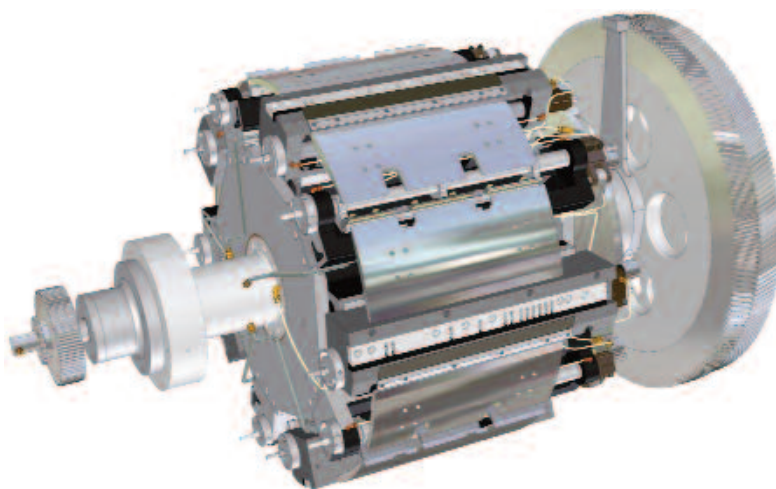
You could say that Autodesk Inventor has come in through the back door at **Goss Graphic Systems Ltd**. The company, which produces bespoke large-scale printing machines for newspapers and other publications, has traditionally used a non-Autodesk 2D CAD solution. But when it needed a 3D mechanical design software solution to produce models for customer manuals, nothing was on offer that could be used so easily – by non-technical as well as technical staff.

Phil Boland from the technical publications department explains that they were having a problem producing operational and maintenance manuals in time for the delivery of a new machine to a customer. As most customers only invest in this machinery once every ten years or so, the step change in technology can be considerable. Increasingly customers were asking for manuals as soon as the equipment arrived for installation so they could familiarise themselves with the press.



“We had a supplier using Inventor so we knew the technology already,” says Boland. “But we did look at other systems on the market, but none could offer what we wanted, let alone at the right price.”

Now Inventor is used to “reverse engineer” parts to produce clear and understandable visuals for the manuals which are produced quickly and on time. “We are talking about large assembly here, with tens of thousands of parts, but Inventor is definitely up to the job,” he adds.



Not all the staff in the publications department have had any formal design engineering training, but Boland says this has not been a problem. “We chose Inventor because it is easy to use. Now our sales and marketing team are showing an interest what it can do as well,”

There have been other spin-offs. “We are beginning to get some of our design engineers come and ask us to model a part on Inventor so that they can check it for clashes and so on,” reports Boland.

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