

# SCHUNK GMBH & CO. KG ACCELERATES PROJECT WORK WITH HP DESIGNJET T2300PS eMFP



Schunk GmbH & Co. KG, with headquarters in Lauffen upon Neckar, Germany, is an internationally known company for clamping technology and gripping systems.

Schunk was established in 1945 by Friedrich Schunk in his garage and now has 1,800 employees worldwide. The company currently operates sites around the globe, including three in Germany.

The medium-sized, family-owned business, with proven strength not only in innovation, but also in manufacturing quality and productivity, has been using an HP Designjet T2300ps eMFP in its Development and Engineering Department since December 2010. The device is a four-colour, web-connected large-format printer designed specifically for use in architecture and engineering businesses.

"Our requirements for this printer were clearly defined," explains Alexander Koch, head of Development and Engineering, Schunk GmbH & Co. KG. "Among other things, we need to be capable of printing technical drawings and sketches at any time. Furthermore,

the device has to be compact and fit into our office environment and that's exactly what we got. The HP Designjet T2300ps eMFP doesn't take up a lot of floor space and can print drawings and sketches either in colour or black-and-white. Another major advantage is the integrated scanner, which provided us with two solutions in a single device. In other words, we can now also scan existing or archived projects and obtain a document we can not only digitally archive, but even edit if necessary."

The HP Designjet T2300ps eMFP offers users an intuitive and clearly arranged control panel: printing, scanning and copying all can be initiated with a single click, while scanned documents are automatically converted into a PDF file. In addition, an automatic colour calibration feature ensures consistent and accurate output. "It's extremely important to us for the prints to be accurate and the dimensions correctly rendered," Koch explains. "Our HP Designjet does it all just perfectly." Integration with PTC's ProEngineer solutions, Schunk's CAD programme and the Microsoft® Office and PowerPoint applications function flawlessly.

## At a glance

**Industry sector:**  
Engineering

**Business name:**  
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## CHALLENGE

- Fast, accurate output of A1/D- and A2/C-size drawings
- Fast, precision scanning of existing designs and technical drawings

## SOLUTION

- HP Designjet T2300ps eMFP

## RESULTS

- Scanning and printing in one compact device frees up office space
- Precision printing of colour and black-and-white technical drawings
- Scanning of current and old designs direct to a CAD system for archiving or subsequent revision
- Extremely accurate reproduction of scale drawings

We even print out a poster occasionally," says Alexander Koch, who has fully integrated the printer in the department's existing network.

The HP Designjet T2300ps eMFP series is web-connected, supports internal network printing as well as printing direct from a USB flash drive or from the Internet using HP ePrint & Share, in order to keep decentralised project teams up to date.

"A very good idea," says Koch. "I tried printing from a USB flash drive and tested the ePrint feature. Both function brilliantly. We can now take advantage of important IT trends any time we need to."

The HP Designjet T2300ps eMFP can simultaneously stock two different paper types or sizes; something Schunk has made use of by feeding the printer with roll paper in A1/D- and A2/C-size formats.

"We consume about four A1/D-size rolls and one A2/C-size roll every month," says Koch. "We haven't had to replace the ink cartridges at all since the device was installed in December 2010, so it's fair to say that the printer is very economical."

The dye- and pigment-based inks used in the HP Designjet T2300ps eMFP deliver consistent print quality, while the automatic colour calibration reduces printer waste.

"The initial start-up was impressive, totally smooth and I extend my compliments to the HP distributor, who did an outstanding job both during installation and in training. The service is fantastic," Koch says. "We bought a very good device and are completely satisfied with it. We've reached our goal of acquiring a reliable printer for the Development and Engineering Department that can also scan and digitise. We would choose the HP Designjet T2300ps eMFP again any time!"

*"The HP Designjet T2300ps eMFP fulfilled all our expectations. We bought a fine machine and are very happy with it."*

— Alexander Koch, head of development and engineering, Schunk GmbH & Co. KG

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