

Urban GmbH & Co.
Maschinenbau KG
Dornierstraße 5
87700 Memmingen
Telefon 08331/858-0, Telefax 858-58
E-Mail: urban@u-r-b-a-n.com
Internet: http://www.u-r-b-a-n.com

Trust. Right from the start!

August 2016

Newsletter for our customers and business partners



Dake a look at that : That's the way how it's done by Urban.

Process safety is the hype on the show

Excellent response on the Fensterbau/Frontale in Nuremberg

„The window production industry is ready now for new ideas and there are more investments in process safety than ever before“. That's the conclusion Martin Urban, Managing Director of the Memmingen based Urban GmbH & Co. Maschinenbau KG came to after the successful presentation of his company on the world's top trade show Fensterbau/Frontale 2016 in Nuremberg.

On that occasion, Urban as one of the leading suppliers of machinery technology for the PVC window industry, had presented quite a number of new and advanced developments such as their first four head welding machine with integrated milling function, the AKS 6600 Vario Cut.

„With our new solutions and the new tradeshow concept, we had been right on target. The response was excellent and the run on our booth was so tremen-

dous that there was partly no way to get through neither to the machines nor to the consultation tables. The Fensterbau 2016 was a real record show for us as exhi-

bitors. We could conclude a couple of deals during the exhibition and with many of our customers we discussed their obvious purchasing intentions“ says Martin Urban



Content

Moreover you can read in this issue

At's all about toolings and fixtures P.2

Great combinations with the SV 430-C P.2

Nice corners and windows in Urban style P.3

Heim & Haus invest in Urban line P.4

Lohmiller: A whole life with Urban P.4

EDITORIAL

Dear customer,

What a preview for a hot summer! The Fensterbau/Frontale 2016 was exactly the kind of highlight we expected. In the name of the complete team, I want to thank you very much for coming to the show and for the interesting discussions we had with you.



Martin Urban

Your feedback has shown: More than ever, we are on the right path with our consequently customer-oriented philosophy.

In Nuremberg we could show you a number of novelties such as the first welding machine

with integrated milling function or our various toolings for the trend topic „Nice Corners“.

For all novelties, we stick to the following important principle: We only apply solutions once we are sure that our ideas will help you to advance based on highest process safety without risks involved.

We do appreciate your trust in us.

Ihr

Martin Urban
Managing Director

It's all about aggregate units and contour toolings

Vario-Cut by Urban: Servo axes controlled outer stop with inner corner restriction

One of the highlights on the Urban stand was the new Vario-Cut-version of the four head welding machine AKS 6600 being equipped on each welding head with a high speed plain milling cutter.

Thanks to the integrated milling function, profile tolerances are compensated during the welding procedure, burn-off is minimized and the weld beads are absolutely symmetrical.

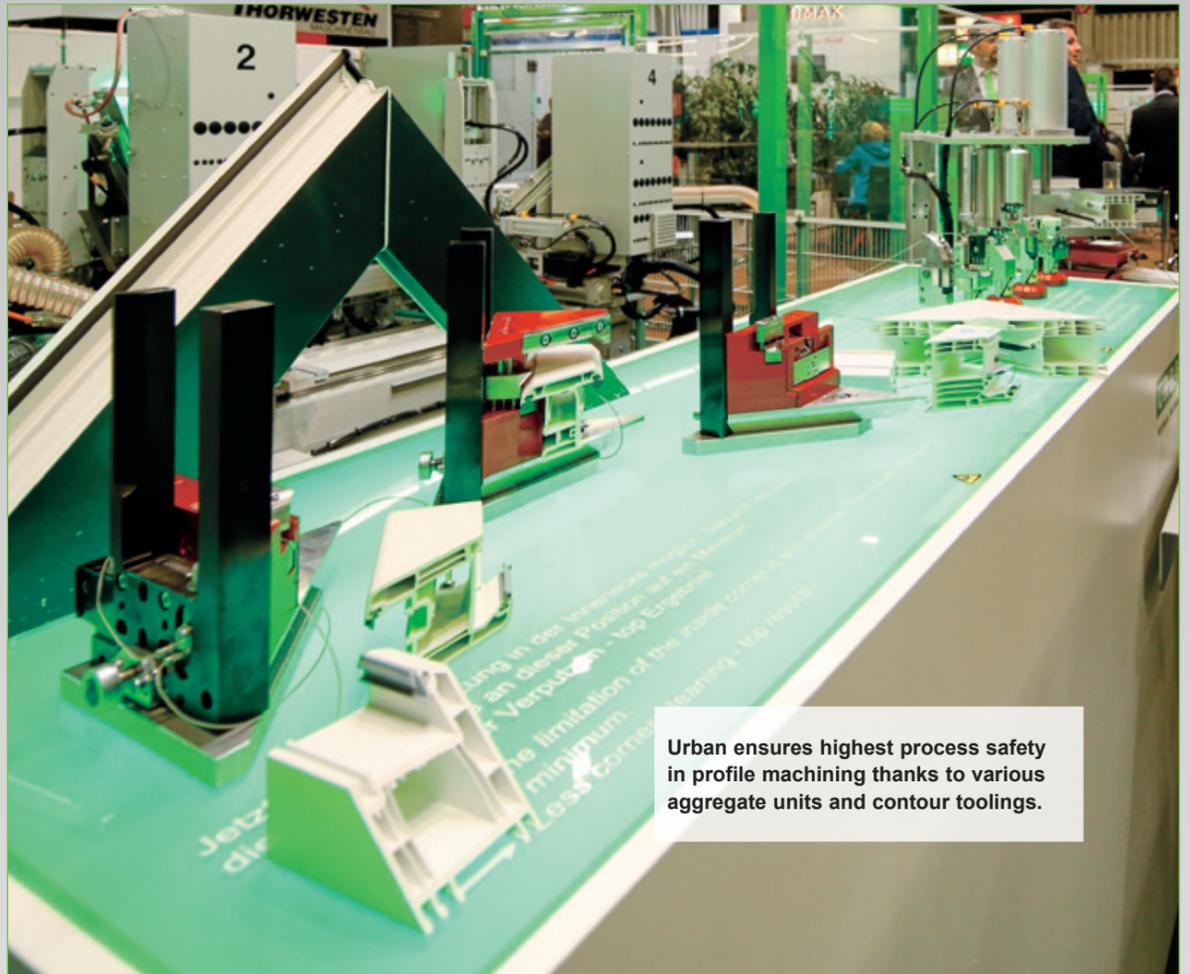
No process risks

„With the Vario-Cut function, we developed an absolutely new solution allowing the creation of nice corners without making compromises for the window manufacturer in view of process safety. The great demand is the proof that the market was waiting exactly for such a novelty” says Andreas Lerchenmüller, product manager at Urban GmbH & Co. Maschinenbau KG.

Exhaust

In order to ensure that Urban customers do not face any kind of risk in milling applications, the designers did not only use reversible carbide tips on the welding heads but also integrated a special air-flow guiding for automatic exhaust of chips.

Based on the example of their advanced four head welding machine AKS 6900 Vario, Urban presented in Nuremberg their new special aggregate units as well as a completely new designed outer stop being variably controlled through servo axes. Thanks to the integrated inner corner restriction, this novelty ensures top results and is therefore predestined to materialize welds in a new visual appearance at corner joints.



Urban ensures highest process safety in profile machining thanks to various aggregate units and contour toolings.

Great combinations with the SV 430-C

With four interpolating axes and a new control concept

Another novelty shown by Urban on the trade show is the new corner cleaning machine SV 430-C equipped with 4 interpolating axes and a new control concept.

The processing steps can also be programmed in group technique. The IPC equipment with connecting possibilities via USB and network are standard. Operator-friendly diagnosis and service routine as well as the support table are standard at the SV 430-C.



The turning station is optionally available.

The SV 430-C is also an important component of the very compact Urban-Combi-Center CC6243 or CC6443. Depending on the configuration, the SV 430-C can be combined in a compact modular way with four head welders AKS 6250 or AKS 6400.

Also presented in Nuremberg



Double mitre saw DGU 600



Glazing bead saw GLS 200/S

FENSTERBAU FRONTALE



Great corners and beautiful windows made in

U-R-B-A-N[®] style



Great corners - the main focus

„Great corners“ made in „Urban style“; this was -among others- the main focus on Urban's trade fair booth.

Special exhibits were the tooling units (optimized for this purpose) for the CNC controlled corner cleaning machine SV 530-C. This cleaner was provided with a special varnishing func-

tion; contour tracking in an optimal angle is ensured by using a spray head which is controlled through an interpolating CNC-axis. „This system is perfectly suitable to apply the main colours onto the corners in an efficient way“ says product manager Andreas Lerchenmüller.

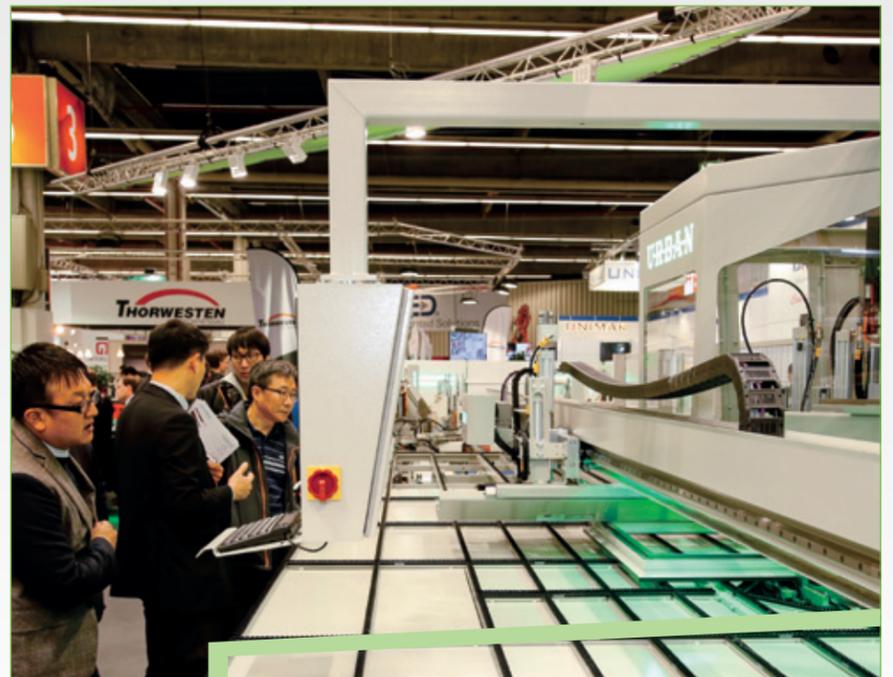
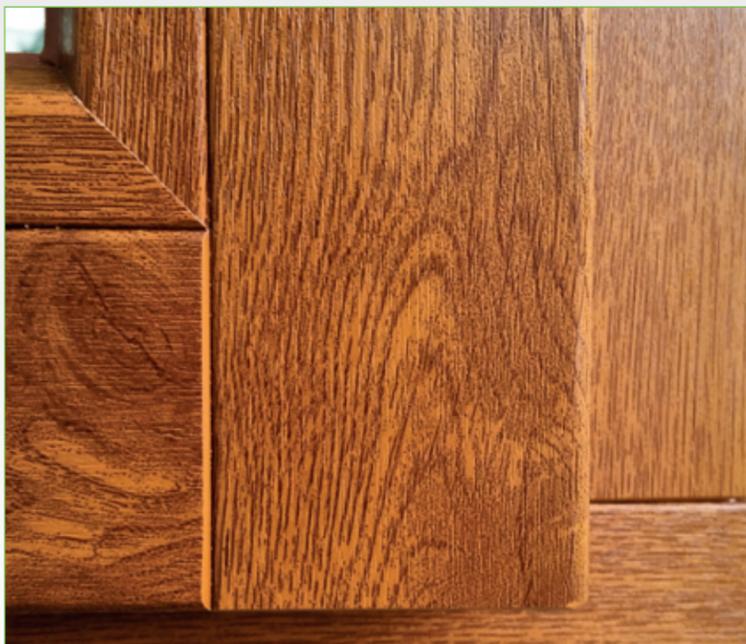
By presenting nice corners and windows, Urban could

prove that there are hardly any limits set in view of creative possibilities which was warmly welcomed by the audience.

When things have to be handled quickly

Visitors in Nuremberg also showed great interest in the speed-option of the

SV 530-C allowing even faster processing with cycle times of 60, 90, or 120 seconds.



Top speed: Urban's SV 530-C with speed package

Why do window manufacturers rely on Urban's know-how

Top corner quality at roof windows

The roof window and front door production by Heim & Haus invests in a new line

Nice corners without compromises and a 100% increase in capacity. These used to be the reasons for the new investment by Heim & Haus Dachfenster und Haustüren Produktions GmbH, based in Auerbach, Oberpfalz.

„Here in Auerbach we manufacture roof windows and doors since 2008 and our initial machinery installation consisted of Urban's second hand welding and corner cleaning machines which were originally running in our PVC window department. 1996 was the year of manufacture of the corner cleaner which is still perfectly running today. However, with the new equipment we can achieve a totally different corner quality and cycle times. As there is a run on our roof windows as never before, we had to take action as our production could not be changed over to multi-shift operation“ says Reinhard Pilhofer, plant manager in the roof window and door factory at Heim & Haus.



HEIM & HAUS®

The old production line has meanwhile been replaced by a new four head welding machine, type AKS 6400 and a corner cleaning machine, type SV 840.

Quantum leap

„The exchange of the line was a big step forward in view of quality, capacity and -above all- flexibility. We

produce 20000 roof windows per year with a rising tendency. All windows are customised elements with totally different parameters. It's great that Urban's high-tech equipment allows for automatic changeover so that no set-up times are required“ says Reinhard Pilhofer.

The highlight in the product programme of Heim & Haus

is the patented Renolux roof window being available in different glazing versions. In order to ensure a smooth manufacturing operation at Heim & Haus with nice corners that live-up to their reputation, the welder AKS 6400 was equipped with especially designed fixtures and inner corner restriction. The corner cleaner SV 840 allows simultaneous machining of two corners so that

no turning operation is necessary.

„That's the way how we can save time to convert the production cycle to 90 seconds“ explains Hermann Deller, head of sales for Germany at Urban.

Impressed by Urban's competence

Reinhard Pilhofer is enthusiastic about Urban's consulting performance, project management and service. „Things really work perfectly. Before exchanging the line we have also contacted

Heim & Haus Dachfenster und Haustüren Produktions GmbH attended by Hermann Deller



Contact:
+49 (0)8331/858-246
hermann.deller@u-r-b-a-n.com

other suppliers but we finally made our choice in favour of Urban as you can be sure that they will keep what they promise. This was also true for this project. Therefore, Urban is the machinery partner number 1 at Heim & Haus Group“ says the plant manager.

Heim & Haus is Germany's number 1 in direct sales of construction elements. 1450 staff members are working in this group of companies. 75 people are employed in the Auerbach based production plant for roof windows and doors.



A whole life with Urban

Since 1971, Lohmiller Fensterbau in Horb rely on the know-how from Memmingen

A family owned enterprise trusts in family owned enterprises. That's how the decade-long relationship between Lohmiller Fensterbau in Horb on the river Neckar and the Memmingen based Urban GmbH & Co. Maschinenbau KG can be described best.

„When I was a little chap back in the seventies, Urban machines had already been in operation in our production hall“ says Stefan Lohmiller who took the company over from his father Manfred eight years ago and is running it now in the second generation.

New construction after the fire

Two years ago, Lohmiller had to make a new investment because of a distress situation. The company building burnt down completely and they had to reconstruct everything. In his production, Stefan Lohmiller again relied on the know-how of

their long-standing machine partner Urban. The welding-corner cleaning line consists of an AKS 6400 welder and an SV 530/4 corner cleaner. Moreover, Stefan Lohmiller acquired an additional AKS 1150, an AKS 3950, the sash assembly station FAS 320, the glazing bead saw GLS 200, the length stop LAEG 2600 as well as further smaller machines.

A few months ago, they started with the next extension stage in their logistics in form of an automatic destacking equipment by applying the automatic swivel table ASW Compact.



LOHMILLER FENSTERBAU



„Especially for heavy element, this destacking device offers an enormous advantage, in particular from the ergonomic point of view. My staff member in charge has no longer to manually insert each element into the shelves after corner cleaning but can easily move automatically the filled shelf carriage. That's a real new quality in the field of logistics we all benefit from“

explains Stefan Lohmiller. „Our new ASW Compact is the ideal complement to the SV 530 as the destacking device can be directly controlled by the corner cleaner“ says Wilfried Mildenerger of Urban's sales team.

Stefan Lohmiller is glad that he could rely again on the know-how of Urban's experts: „Thanks to the investment we made in

destacking, we succeeded both in reducing physical strain and in increasing the output at the same time“.

Lohmiller Fensterbau in Horb produces high quality PVC windows for the region since 1971. This company is the right choice for windows and doors both for new buildings and for renovation purposes, representing 90% of the turnover.



Fensterbau Lohmiller attended by Wilfried Mildenerger

Contact:
+49 (0)8331/858-250
wilfried.mildenerger@u-r-b-a-n.com