



NL - EN - DE

- Company
- News
- Turn key cells
- Products
- Engineering
- After sales
- College
- KUKA Sim
- Downloads
- Jobs
- Search
- Imprint

News



September 2006

WOW company integrates a KUKA robot KR180 L150-2 in a windshields production line at the bending oven exit and before the windshields assembly and washing equipments. See [here](#) for more information.



[aandrijftechniek](http://www.aandrijftechniek.nl)

October 3-6, 2006

"Aandrijftechniek & Factory Automation" is the largest and most important fair on drive technology, motion control and production automation in the Netherlands. Visit us at Jaarbeurs Utrecht in hall 11, booth C.069



www.ti.kviv.be/robotics

October 19, 2006 13.00u

Due to automation and use of robots, companies have mastered to hold the production in Europe and to safeguard their future. In this seminar several robot manufacturers and robot users give an overview of the potentials of robotics for small and medium size companies. The seminar is held in the Dutch language. Technopolis Mechelen.



www.safetyplaza.be

October 25-26 2006

Safetyplaza is a cooperation between the companies Aso, Axelent, Euchner, KUKA, Pilz, P&V, Pepperl+Fuchs and RDL for providing state-of-the art information on safety in automation. Visit us at the Mocon Hydromech Fair.



www.easyfairs.com

October 25-26 2006

Do you want to know the latest developments and trends in automation? Visit us at **Mocon Hydromech** on 25-26 October 2006 in Flanders Expo Gent. **Hal 8, booth D07**

News archive



www.espeel.com

June 2006

For applications in the wood industry, KUKA Automatisering + Robots N.V. works together with company [Espeel](#) as preferred partner.

[Bedrijf - Company](#)



NL - EN - DE

- Company
- News
- Turn key cells
- Products
- Engineering
- After sales
- College
- KUKA Sim
- Downloads
- Jobs
- Search
- Imprint

Integration of robot in windshield production line

WOW Company : a company taking part in your industrial projects in robotics and automation

Since 1995, WOW company has build a solid experience in design, development, realization and installation of specific turnkey equipments, such as assembly machines, production lines, robotic cells, test and measurement benches, vision control systems, ...

For projects realization, WOW has its own design departments (electromechanics, electricity, electronics and computer) and its own workshops (electrical wiring, electronics, machining and mechanical welding). This allows WOW to take care of complete projects and assures high flexibility during its projects realization.

For a new plant in Russia (Bor), AGC Automotive entrusted WOW with the study and the realization of a robotized line section using a Kuka robot.

Robotized transfer line for windshields

The transfer line is equipped with a Kuka robot (KR180 L150-2) that transfers windshields towards 2 storage units when assembly line is stopped.

This robotized line section is integrated in a windshields production line at the bending oven exit and before the windshields assembly and washing equipments.

The windshield is composed of 2 glasses and a PVB interlayer. PVB is not installed at this stage of the process.

The aim of this line section is to ensure:

- Transfer of pairs of glasses towards the washing machine,
- Storage of pairs of glasses by the Kuka robot when the downstream assembly line is not available,
- Re-introduction of pairs of glasses by the robot when the line is again available or when upstream line is not available,
- Transfer of the pairs of glasses by the robot towards inspection unit (and return) for quality control.

Transfer line is equipped with:

- 7 belt conveyors,
- 1 pair of glasses rotating system (180° rotation around horizontal axis),
- 1 squaring system ensuring (adjustable) focalization for precise and repeatable positioning of the pairs of glasses,
- 1 rotating "PEG" for pair of glasses (un)loading by robot,
- 1 KUKA robot (KR180 L150-2) with specific grippers,
- 2 rotating storage units,
- 1 inspection unit,
- 1 safety fence with 4 access doors.



WOW has realized all the different elements of the transfer line, the integration (hardware & software) of the KUKA robot, but also the specific control software of the complete unit meeting the AGC Automotive requirements (including interface with the upstream and downstream equipments).

Contact information

WOW Company s.a.
Rue Pieds d'Alouette, 18
B - 5100 NANINNE
Tel : +32.81.40.19.66
Fax : +32.81.40.24.44

www.wowcompany.com

Contact : Philippe HERMANT
Tel : +32.81.71.97.34

philippe.hermant@wowcompany.com

Bedrijf