

1950 – 2010



because it works

NEWS NR. 11



Only after being ahead of the game for many years can one find the time to turn around and recognize that the right path was chosen.

In the last few decades, WIWA equipment has been used to apply nearly every known coating in locations spanning the globe. Since its founding in 1950, WIWA has played a leading role in the advancement of technology in our branch of industry and it remains our daily goal to expand the capabilities of our customers. The combination of WIWA's powerful line of pumps with the flexibility of our modular system designs enables WIWA to cover nearly any application and set new technical impulses. The newest issue of WIWA NEWS can only present a few examples of standard airless or plural applications. Nevertheless, you will recognize that both WIWA and our customers can depend on 60 years of experience "made by WIWA".

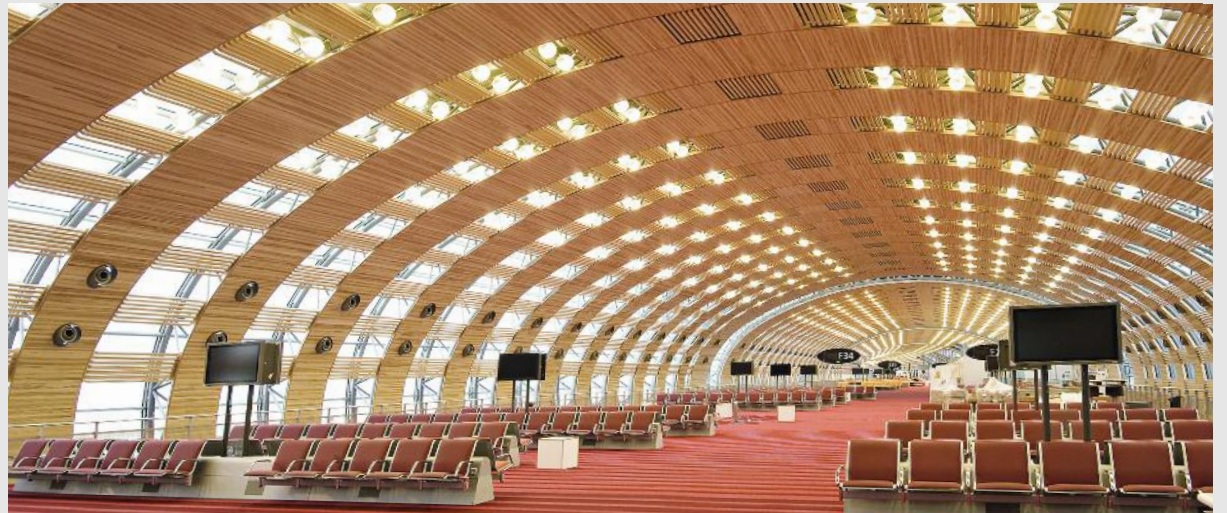
*Heidrun Wagner-Turczak*

Heidrun Wagner-Turczak  
General Manager

Car Underbody Treatment	Page 2
Field Report WIWA Duomix LP	Page 2
Bridge Maintenance Harbor City	Page 3
New WIWA Coatings System for MAFI	Page 3
WIWA Systems Automated Seal Unit	Page 4
WIWA Trade Show Dates	Page 4
New WIWA Website	Page 4

www.wiwa.de

## CHARLES DE GAULLE AIRPORT, PARIS: 22.000 m<sup>2</sup> FIRE PROTECTIVE COATING



The architectural mood of the new 700 m long departure hall 2E at Charles De Gaulle Airport in Paris is set by the warm natural tones of the hardwood finish. The company, Finnforest Merk, well versed in projects of this size, subcontracted the application of the ash wood panels to the Bavarian company Boxler. The total surface area was 22.000 m<sup>2</sup> for this reference project. A specialist and competent industry partner with many years experience in wood finishing, Boxler applied the required fireproofing coat onsite to the mounted panels. The manager in charge of surface finishing, Helmut Mayer, grabbed



his WIWA Phoenix 6552 and headed off to France. He was able to finish the entire surface area in only one month. The Boxler company utilizes six WIWA pumps, five of them from the PROFIT Series.

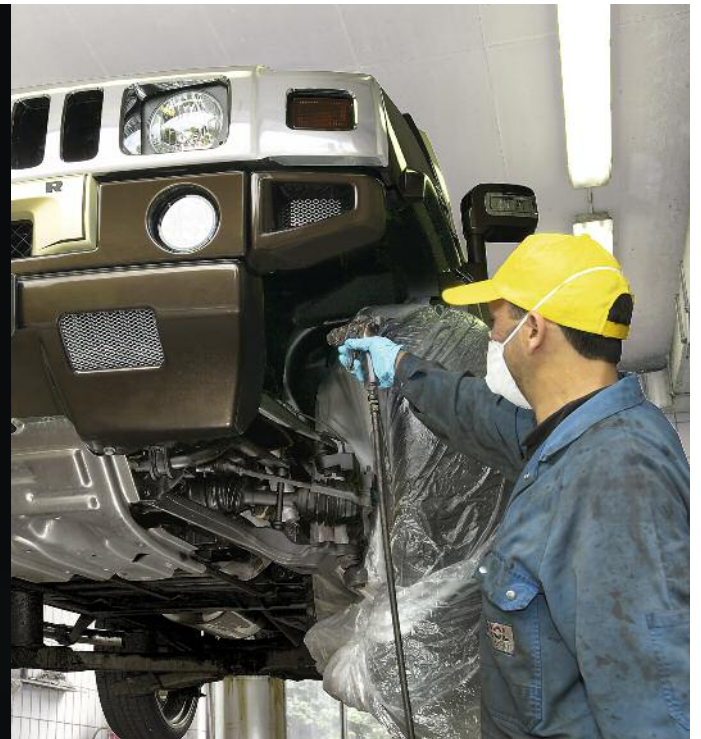


### NEW AIRCOMBI (AIR ASSIST) SPRAY GUN

To achieve the highest quality spray pattern, no cost was too high in the design of the new WIWA AirCombi (air assist) Spray Gun. Weighing only 600 g, the specifications below will give you an idea of what this new gun with Injector Technology is capable of:

Spray Pressure:	up to 250 bar
Air Consumption (@ 2.5 bar):	220 l/min.
Coverage rate:	85 %
Weight:	598 g
Available Tip Sizes:	Pattern Angle: 20 – 90° Orifice 0.18 – 1.16 mm
Available Gun Filters:	50 µm, 100 µm (standard), 150 µm

■ Infos: scherer@wiwa.de



## CAR UNDERBODY TREATMENT FOR CLASSIC CARS



If you turn into Munich's Friedenspromenade (Freedom Promenade) and head toward the former gas station, you will come across a sight that will make you think, "Some car enthusiast has parked all his classics here." Next to exclusive sports cars, there are American SUV's (worth at least €250.000) and many models from the 60's and 70's that even the casual observer will notice are in pristine condition. As you enter the yard, you will hear a heart-filled greeting from the owner of the company AR Autorostschutz (AR Car Rust Protection), Mr. Peter Schuster. He will then follow up by asking if you need assistance. The blond Bavarian is something like the Pope of hollow cavity conservation and underbody protection in the state capital. He and his team, along with a WIWA 2528, have ensured top quality underbody protective coatings work in a two-coat process for over 20 years. He receives technical and sales support from Mr. Florian Deutschenbauer of the company Fuchsberger in Nurnberg.



ONE OF THE LEADING GERMAN MANUFACTURERS IN THE TRAILER INDUSTRY: THE COMPANY OBERMAIER FROM SAXONY-ANHALT

Increasingly difficult transportation requirements call for specialized solutions. With the goal of setting the branch engineering standards, the company Obermaier, from Saxony-Anhalt, lives the company philosophy of consistent innovation. Depending on customer needs, they have built trailers with gross load capacities between 2 and 40 tons for the past 30 years. To meet increasing demand, a WIWA Duomix LP was installed for high-build fillers, followed by a WIWA FLEXIMIX II Phoenix for the top coat in the finishing department. This company is supported by Opitz Industrietechnik from Gross Boernecke.





## BRIDGE MAINTENANCE IN HAMBURG'S HARBOR CITY

Anyone wanting to visit Hamburg's newest living and business hub, Harbor City, will need to cross one of 10 bridges that connect with downtown. Many of these bridges survived two World Wars, some receiving direct bomb hits. "Poor maintenance, however, can lead to their collapse", according to Hermann Jonetzki, bridge inspector for over 30 years in the Hanseatic city. One bridge presently undergoing renovation

is the Niederbaumbuecke in the western part of the subdivision. The company, Kabljanac, was tasked with first blasting the 2.600 m<sup>2</sup> surface. Then they applied a two-component primer and covered it with an epoxy-based intermediate coat. Finally, a low-solvent, epoxy/plastic-based iron glimmer topcoat for steel was applied. For the coatings work, a WIWA PROFESSIONAL 28064 N/F was used in combination with



a WIWA 500D spray gun. Kabljanac has been supported for over 20 years by the experience of our distributor, Mr. André Maas from Trittau.



## NEW WIWA COATINGS SYSTEM FOR MAFI

As a leading manufacturer of vehicles and logistic systems, designed specifically for ports and industry to meet individual requirements and maximize cost effectiveness, MAFI's corporate goal can be stated shortly: customer satisfaction. Engineers and outside suppliers work hand in hand to provide ever-improving solutions. Our distributor and service partner, Mr. Claus Buschmann, worked together with MAFI's paint shop foreman, Mr. Hartmut Fritsch, to develop an innovative, cutting edge coatings concept that would solve, not only present requirements, but also lay the groundwork for future endeavors. A total of two WIWA DUOMIX 230 systems are used to apply a primer with a 6:1 mix ratio. An additional DUOMIX 230 is used to spray a topcoat with a 2:1 mix ratio. A new WIWA FLEXIMIX system for three different colors and one catalyst has enabled MAFI to quickly react and adjust to individual customer color requirements.



# NEW AND INNOVATIVE: THE AUTOMATED SEAL UNIT "PRO GLAZE"

ROI REALIZED AFTER ONLY TWO YEARS DUE TO 40% SAVINGS IN MATERIAL AND LOWER PERSONNEL COSTS!\*

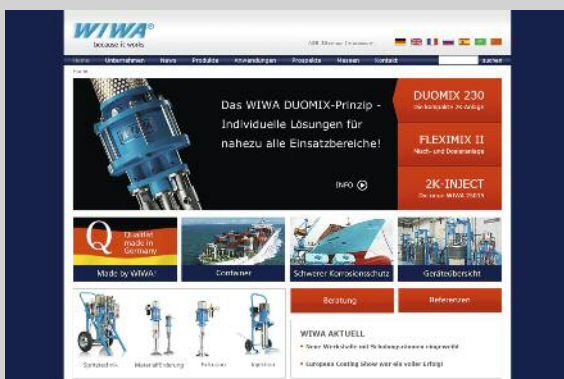


The Austrian wood-framed window manufacturer, Felbermayer Erzeugungs-GmbH, counts on solutions provided by the newly founded WIWA Systems GmbH & Co. KG. At the beginning of 2009, the manufacture of wood-framed windows was transferred to an automated seal unit, "pro glaze". The robotic system applies a single-component silicone to seal the glass in the frames. This can be performed on either one or both sides (sequentially or parallel). The window size is automatically recognized and the system adjusted. This additional production capacity was added

to support window installers from Markt Piesting (near Vienna). Now it is possible to manufacture windows that are different on each side. A special feature of this sealant system is the use of high-pressure geared pumps that provide an exact amount of silicone for a perfect window seal. The operator can therefore pre-program data for nearly any size groove. It is possible, for example, to have silicone applied to some grooves while leaving others bare. Filling cavities with silicone is also handled easily. Another interesting capability is the use of various colored silicones with a rapid switch-out system. Special attention was applied to ensure the shortest possible

reset time for the unit. Changing silicone types requires only 1 or 2 minutes. It is also possible to apply different silicones to each side of a window. Each color has its own feed system that implements WIWA Vulcan Series extrusion pumps. The investment has already paid out for the Austrian manufacturer. Next to labor savings, the even application of silicone has reduced customer complaints and costly repair work. This was also a deciding factor for choosing the "pro glaze" system from WIWA Systems. The speed of the sealing unit speaks for itself. Between 20 – 25 standard windows (2 m x 1 m) can be sealed per hour.

\*according to the Felbermayer company



## WELDING, CUTTING AND COATING, ESSEN: WE'LL BE THERE

This September will mark the 17th year of the most important welding trade show in Essen, Germany. After its successful premier in 2005, the show will again present the "Kleben" (Glue) special show segment. WIWA will be showing innovative coating and adhesive application systems at the Essen show.

14.09. – 19.09.2009

Hall 6, Booth 613

■ Infos: p\_schotte@wiwa.de

## NEW WIWA-WEBSITE WWW.WIWA.DE AVAILABLE IMMEDIATELY ONLINE

WIWA's worldwide expansion over the past years, combined with increased customer demands on the functionality of our website has led us to a complete new design. Starting September 2009, our customers can expect an entirely new WIWA website experience. We wish you fun surfing the new site!

www.wiwa.de  
www.wiwa.com  
www.wiwa-china.com

■ Infos: p\_schotte@wiwa.de