



THE TECHNOLOGICAL SET

PROCESSING BATH

PROCESSING BATH with a power of 2kW (230V), compatible with AQUILA ALUMINIUM, is crucial when printing on anodized aluminum. Its use ensures the sealing of previously printed aluminum sheets. That, in turn, results in the highest durability of prints.



VSG

VSG is an innovative device that facilitates printing on flat surfaces, equipped with a suction table and a heating function. The heating function guarantees increased color saturation of the prints on anodized aluminum. The suction table helps in printing on thin substrates such as metal sheets, preventing them from shifting and increasing the repeatability of the prints.



TECHNICAL SUPPORT

Quick service, telephone support, intuitive service mode, and numerous instructional videos guarantee the continuity of production. After investing in our devices, we also provide various service materials, including clear instructions and training videos on the effective use of the device and the replacement of service parts. In addition, we offer technical support in the field of print parametrization and adjustment of color profiles to specific substrates used in the production process.



IMAGO

 POLISH PRODUCTION

RICHTER & MENZEL GmbH

Head Office: Südstraße 28 • 09221 NEUKIRCHEN, GERMANY Tel. +49 (0) 371 / 33 42 64 - 0 • Fax +49 (0) 371 / 33 42 64 - 90
Subsidiary: Chemnitzer Str. 6-8 • 68309 MANNHEIM, GERMANY Tel. +49 (0) 621 / 72 49 47 - 0 • Fax +49 (0) 621 / 72 49 47 - 29

website: www.richter-menzel.de • e-mail: kontakt@richter-menzel.de

NEW TECHNOLOGICAL SET

FOR SPECIALIZED PRINTING

IN ANODIZED ALUMINUM



Check out, how it works!

IMAGO AQUILA

ALUMINIUM

ALUMINIUM

ALUMINIUM

ALUMINIUM



THE TECHNICAL SPECIFICATION

Print format	32 cm x 65 cm
Media thickness	up to 150 mm
Printing technology	digital inkjet with the use of nanosolvent color inks
Number of printheads	1 x Epson micro Piezo™
Colors	Black, Cyan, Magenta, Yellow
Resolution	up to 5760 x 1440 dpi
Printer power supply	220 - 240V, 200W
Connectors	USB
Operating system	Windows 10/8/7
Working Environment	21-28°C, 35-60%
Outer size	625 mm x 650 mm x 1150 mm
Weight	60 kg
Manufacturer's warranty	12 months



THE TECHNOLOGICAL SET FOR FULL COLOR PRINTING IN ANODIZED ALUMINIUM

AQUILA ALUMINIUM guarantees the highest quality of digital color printing in anodized aluminum. In order to additionally increase its precision and durability, we have developed a system through which it is possible to start production immediately after the implementation of the device. The technological set includes: AQUILA ALUMINIUM, VSG equipped with a suction table and a heating function, and PROCESSING BATH for sealing the printed sheets.



ALUMINIUM

- indestructible prints in metal
- full technology package to start production
- constant cleaner feed to increase head life
- active print drying
- substrate heating system to increase color saturation
- error signaling systems
- ink level detectors
- backlighting of the printing section
- end of printing signaling

INDESTRUCTIBLE METAL MARKING

AQUILA ALUMINIUM uses specially prepared aluminum sheets during printing so that the ink reaches the inside of the metal. This ensures high durability of prints and their resistance to mechanical and chemical damage.



THE ACTIVE PRINT DRYING SYSTEM

The printer is equipped with an active drying system that speeds up the process of evaporating the solvent from the print. This makes it possible to obtain higher color saturation of the print. Combined with the VSG module's action, used to simultaneously immobilize the sheet during printing and to heat it, the completed print is even more saturated. This also allows precise printing of fine details, small fonts and symbols.



PRINTING TIME

Time of printing a 30x50 cm format in full color

18 MIN



PRINTING COST

Cost of printing a 30x50 cm format in full color

0.08 EUR

HIGH LEVEL OF OPERATING COMFORT AND COST - EFFECTIVE EXPLOITATION

The CMYK ink system used in the printer, along with two printhead channels for the cleaner, reduces problems with clogging of the printhead, pump, and other consumables. The well-thought-out design of the device and low ink consumption make the operating costs very low.

