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Our New Product, AFV6, is a Post-Process UV Spot Varnish and Foil Printer Which Does NOT Need Copperplate Work for Foiling.

It Works Only With Digital Data For UV Spot and Foiling.

All Components are Made and Assembled in Korea and 4 Years Development Period Gives Reliability and Best Quality

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### Recommended Industry



: High Value Added Printings Which Need Visual and Tactual 3D effects

ex) Book Cover, Catalogues, Business Card, Invitation Card, Luxurious Ticket, Brochure, Elegant Packing Box, Cases, Photo Books, Jewelry Poster etc.

### BEATUS Made by A3tech co.,Ltd

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## UV Spot Varnish & Foil Printer

Highly Value-Added 3D Effect Printing Solution

Optimization for Mass-Customization (Small quantity of Various Kinds)

Post-Press Printer executing UV Spot Varnish and Cold Press Foil Stamping



#### 01 Printing Quality

- Minimize Ink Running by Placing Heads and LED Light Hardening System in close
- Perfect Printing results in Text, Image and Edge

#### 02 Foil Stamping

- Prevent Printing Media from Deforming with Cold Press system
- Foil Film Saving by Adopting Foiling Area Awareness System

#### 03 Head protection

- Minimize Ink Consumption for Head cleaning
- Powerful Suction while Head Cleaning
- Vacuum Capping Device for Head Protection
- Head Clogging Free while not in use

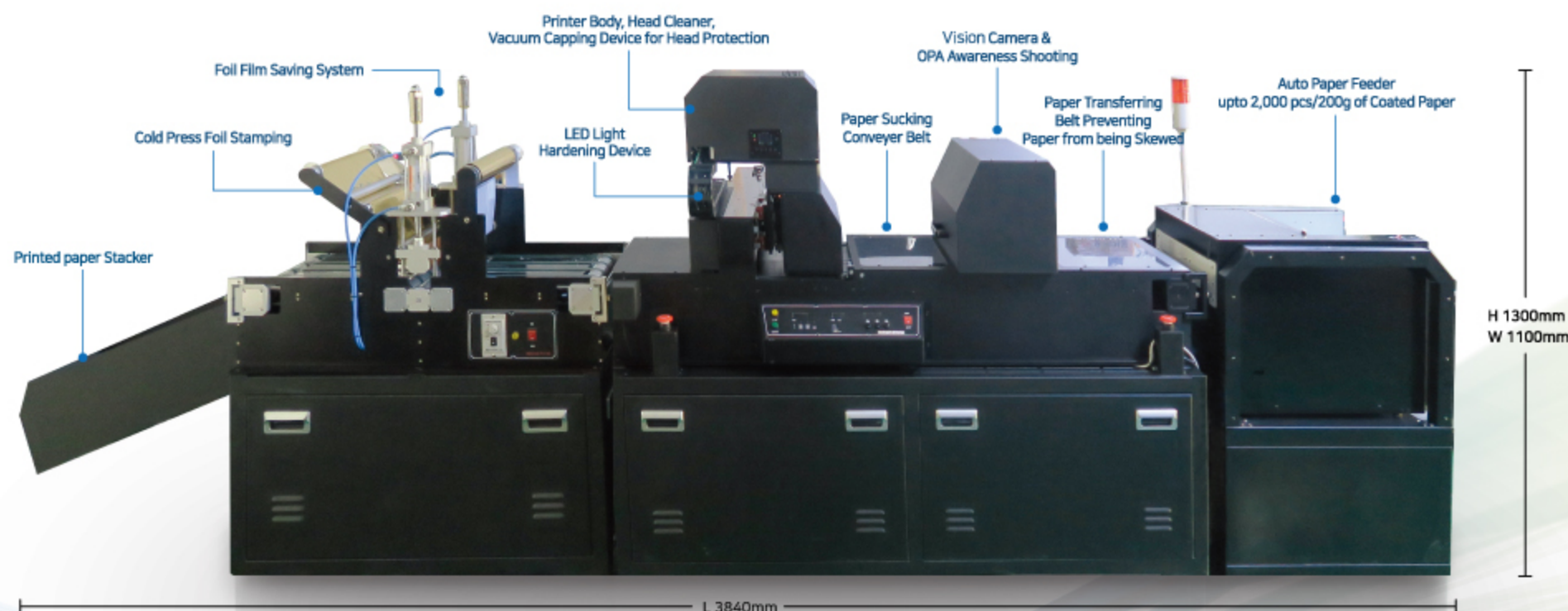
#### 04 Korean Made

- Design, Development & Manufacturing
- Compact Printer Size
- Korean Genuine Components Equipped

**BEATUS**  
A3Tech co.,Ltd  
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# Main Structure of AFV6

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## Printer Specification

Head	6 Heads (Ricoh Gen 5)
Ink	2L Container Pump System (Refillable)
Power Supply	AC 220V Single-Phase
Body Size	L 3840mm, W 1100mm, H 1300mm
Body Weight	400 KG
Power Consumption	4 KW

## Printing Features

Function	UV Spot Varnish and Foiling (Gold, Silver)
Printing Speed	Max 3 sec./Paper, 1,200 pcs /1 hr
Spot Varnish Thickness	30 ~ 80μ
Printing Materials	Max 330 x 500mm, Min 297 x 300mm
Paper Thickness	135g ~ 450g
Printing Type	Single Pass
Printing Method	OPA Mark Shooting with CCD
Resolution	600 x 600dpi / 600 x 2400dpi / 600 x 4800dpi
Printing Area	Max 324mm x 488mm
Paper Supply	2,000pcs based on 200g Coated Paper

## Printer Structure

- Auto Paper Feeder + Paper Vacuum Suction Conveyor Belt + Main Body (Vision Camera + UV Printer + Head Cleaner + Vacuum Capping Device for Head Protection) + Foil Pressing
- PC + Beatus RIP Software + 2.5HP Air Compressor etc

## Printing Quality

- Placing Inkjet Head (Ricoh Gen.5) and LED Light Hardening Device in Close Makes UV Ink Hardening Quickly.
- Minimize UV Ink Running While Injection / Perfect Printing result in Text, Image and Edge

## Powerful Head Cleaner & Head Protection Device

- Minimize Ink Consumption for Head Cleaning with Cutting Edge Capping/Wiping System
- Head Clogging Free while not in use with Vacuum Compression

## Foil Film Saving System

- Foil Film Saving by Adopting Foiling Area Recognition System

## UV Coating Thickness Adjustable

- Ink Injection Amount Adjustable in 3 Steps Makes UV Coating Thickness as Operator Wants

## Cold Foil Stamping

- Adopt Cold Press Foiling in Order To Avoid Printing Material Deformation and Foil Stamping Defects

## Vision Camera System

- Adjust Printing Position by Shooting 2 OPA Marks for Every Printing Material
- Vision Camera Shooting Results are Displayed on Monitor

## Minimize Job Change Time

- Wide Range of OPA Awareness by Vision Camera Makes Job Change Easy and Job Change time Short Without Additional Vision Camera Position Adjustment

## Beatus-Owned Technology of Printing Material Transferring Conveyor

- Beatus-Owned Conveyor Technology Minimizes the Skew during Transferring Printing Materials on Conveyor While the Others Do Not

## Minimal Body Size and Energy Consumption

- Less Space Needed for Installation and Single-Phase 220V 4Kw