

up to
66
m²/hr



Acuity Advance HS HD3545 Series

Highest quality at high speed



- ▶ **NEW** - Production speed of **40 m²/hr** with resolution comparable to conventional printing of 1440 dpi or higher. Express mode offers billboard quality prints at up to **66 m²/hr**
- ▶ **NEW** - Available in two bed sizes either 1.25 x 2.5m or for larger format/multiple sheet printing 2.5 x 3.05m
- ▶ **NEW** – Highly efficient UV curing system which delivers excellent print results
- ▶ **NEW** - Proprietary high-resolution grayscale print heads with drop sizes from 6 to 42 picolitres
- ▶ Available as CMYK standard models or with white ink option for in-line printing
- ▶ Uses FUJIFILM Uvijet inks
- ▶ Roll-to-roll option available on all models

▶ Highest quality at high speed

The Acuity Advance HS flatbed printer is a true breakthrough in wide format UV digital imaging technology from FUJIFILM, offering the perfect combination of near photographic print quality, production output and investment cost. The Acuity Advance HS is a truly affordable printer with a fast pay back.

Enhanced productivity

- ▶ Near-photographic quality onto a wide variety of rigid and flexible media
- ▶ Zoned vacuum table enabling irregularly shaped or uneven surfaced materials to be printed
- ▶ Edge-to-edge printing saving time and cost in post print finishing
- ▶ Increased media possibilities with the roll-to-roll system allowing various flexible print media
- ▶ Extra large bed size available with dual zoning system

Precise printing

- ▶ Rigid media can be held firmly in place due to the zoned vacuum table
- ▶ Micron accuracy systems allows for perfect double-sided registration or overprinting

Optimised print performance

Using FUJIFILM unique Micro-V ultrafine dispersion technology to maximise pigment loading, the Uvijet range of UV curing inks delivers strong vibrant, lightfast colors.

- ▶ Environmentally-friendly UV curable process
- ▶ Specifically formulated for the Acuity Advance printer series
- ▶ Excellent chemical and abrasion resistance
- ▶ Exceptionally wide adhesion range*



* For certain applications the use of Uvijet adhesion promoters is recommended.



FUJIFILM ACUITY ADVANCE HS HD3545 SERIES HIGHEST QUALITY AT HIGH SPEED

- ▶ The Acuity Advance HS flatbed printer uses variable drop technology producing sharper, near-photographic images whilst minimising the volume of ink used.
- ▶ The ability to handle materials up to 50.8 mm in thickness, combined with the excellent adhesion properties of Uvijet ink systems, provides users with the opportunity to produce a wide variety of creative applications.



COMPETITORS	ACUITY
<p>fixed drops</p>	<p>variable drops</p>
<p>excessive overlap</p>	<p>efficient quality</p>
<p>higher ink usage</p>	<p>35% less ink usage</p>
<p>insufficient detail</p>	<p>superb resolution</p>



▶ HS HD3545W



New Double print speed

- ▶ 40 m²/hr in production mode, 61 m²/hr in express mode
- ▶ Newly designed roll-to-roll unit optimising print speeds
- ▶ Improved coolant/heating system for high speed print consistency

Newly designed print heads

- ▶ Improved resolution
- ▶ Precision alignment
- ▶ Compact unit design

New UV curing system

- ▶ More powerful curing system for higher printing speeds
- ▶ Larger bulbs to accommodate the wider print swath
- ▶ Low heat output system

▶ HS HD3545W specifications

Print Modes and Speeds	Flatbed	Roll-to-roll
Express	61.0 m ² / hour	50.4 m ² / hour
Production	40.2 m ² / hour	30.4 m ² / hour
Quality	28.4 m ² / hour	21.4 m ² / hour
Fine Art	22.7 m ² / hour	17.0 m ² / hour
Color + white	14.1 m ² / hour	10.5 m ² / hour
Rigid Media Size	1.25 m wide x 2.5 m long	up to 50.8 mm thick
Rigid Media Print Area	1.26 m wide x 2.51 m long	(full bleed capability)
Dimensions	Flatbed: 4.36 m wide x 2 m long. With roll-to-roll option 4.50 m wide x 2.3 m long	
Power	2 separate connections 200 to 240 VAC, single phase, 2x 16 A	
Weight	525 kg, including the roll-to-roll option: 698 kg	



All the HD3545 features plus:

- ▶ 43 m²/hr in production mode, 66 m²/hr in express mode
- ▶ Newly designed roll-to-roll unit optimising print speeds
- ▶ Improved coolant/heating system for high speed print consistency

New Large flatbed table size

- ▶ 2.5m x 3.05m bed size allows large format or multiple sheet printing

New Dual zoned vacuum bed

- ▶ Dual zoned vacuum bed enables continuous feed printing by setting up one area of the bed while printing is being done on the other

▶ **HS HD3545W X2 specifications**

Print Modes and Speeds	Flatbed	Roll-to-roll
Express	65.9 m ² / hour	50.4 m ² / hour
Production	42.9 m ² / hour	30.4 m ² / hour
Quality	30.2 m ² / hour	21.4 m ² / hour
Fine Art	24.0 m ² / hour	17.0 m ² / hour
Color + white	14.9 m ² / hour	10.5 m ² / hour
Rigid Media Size	2.50 m wide x 3.05 m long	up to 50.8 mm thick
Rigid Media Print Area	2.51 m wide x 3.06 m long	(full bleed capability)
Dimensions	Flatbed: 4.36 m wide x 3.09 m long. Incl. R2R option 4.50 m wide x 4.10 m long	
Power	2 separate connections 200 to 240 VAC, single phase, 2x 16 A	
Weight	1098 kg, including the roll-to-roll option: 1275 kg	

► Specifications Acuity Advance HS HD3545 Series

Print Technology	Proprietary piezoelectric UV inkjet head using variable-dot grayscale imaging technology; CMYK (+ white option) with two print heads per colour
Resolution	Variable droplet sizes from 6 to 42 picolitres
FUJIFILM Uvijet UV Inks	Uvijet KI or KO-series UV curable inks (CMYK 2 litre, white 1 litre)
Media Type	Targeted at rigid PVC, PETG, acrylic, foam board. With R2R option - self adhesive PVC, banner, PET and paper
Roll Media Width	0.9 to 2.2 m
Roll Media Print Area	2.19 m maximum
Roll Core Diameter	76.2 mm (3")
Roll Weight	50 kg maximum
Rigid Media Thickness	up to 50.8 mm thick
Rigid Media Maximum weight	34 kg/m ²
Vacuum control	3 vacuum zones
Operator Console	Intuitive user interface via user-positioned monitor and mouse stand
Network	100/1000 Base-T connectivity
Environment	18° to 30° C. RH 30%-70% non-condensing

Please contact your local FUJIFILM partner for further information.

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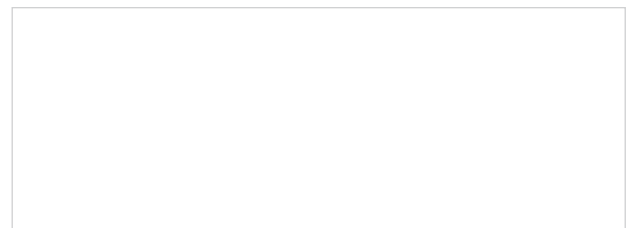
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