

TB BARBERÁN | **FUJIFILM**

HS Series

Welcome to the **next generation**
of single pass printer

FUJIFILM

Fujifilm is a global leader in print solutions due to its market defining products that focus on innovation and state of the art technology. The company has a long history of pushing the boundaries within the print industry that includes inventing uv inkjet and having the world's largest uv inkjet factory.

Fujifilm is in wide format for the long term with an industry proven record in wide format, multi-pass technology. The company is able to bring its extensive market experience, knowledge of global compliance and investor backing to this next generation printer development.

- **Inventors and pioneers of uv inkjet technology**
- **Led digitization of the sign & display market**
- **World leader in supply of inks for multi-pass ink systems**



Hiroaki Shimosaka

General Manager at Fujifilm Corporation
Graphic Communication Digital Printing

“ I am convinced that the combination of Barberán's engineering excellence and Fujifilm's experience in surface coatings chemistry will allow us to create a revolutionary printing system capable of pushing back the boundaries of digital print. ”



David Burton

Business and Commercial Director at
Fujifilm WFIJ HQ

“ I am in no doubt now that the time has come for us to bring single pass to the world's major sign and display producers. ”

B BARBERÁN

Barberán is a Spanish family owned industrial manufacturer of single pass digital machinery. With their state of the art factory in Barcelona, Spain, their knowledge of industrial applications, and the digital requirements of different market segments, they have been a front runner in adapting to their client's requirements, and as a result supply machinery all over the world.

Barberán's expertise lies in heavy, precision engineering that is the backbone of their industry-leading print machinery. They boast in-house manufacturing capabilities allowing them to quickly innovate and offer tailored, service focused customer partnerships.

For almost two decades they have been designing and manufacturing cutting edge digital printing systems for different market segments with a strong track record in industrial single pass.

- **Pioneers of single pass technology**
- **World leader in single pass for corrugated materials**
- **Vertical capability from heavy to precision engineering**



Jesús Barberán Latorre

Owner and Managing Director at Barberán

“ With industry demanding ever higher standards in the last 20 years, that has driven us to develop new skills in engineering with extreme precision. ”



Eladio Lerga Perez

CTO at Barberán

“ We have total confidence in our engineering capability and in the lessons learned in developing the Jetmaster machine. ”

The future of print

The HS Series represents the next generation for display graphics with revolutionary wide format, single pass print technology. Combining Barberán's quality, precision engineering and Fujifilm's mastery of ink chemistry the new range provides the perfect solution for your wide-format production.

Media flexibility

The HS Series provides unrivalled versatility with the ability to handle a wider range of typical sign and display media than previously possible with other presses. This is due to a wide range of feeder options including a unique hybrid feed system allowing you to seamlessly switch between top and bottom feeding, meaning you can handle all your display graphic needs in a single solution.

Productivity

Breath-taking speeds of up to 80m/min at a quality that is unrivalled by any other machine at similar speeds. With high adhesion Uvijet ink it's possible to print on a wide range of media with little need for primers.

High print quality

Making use of bespoke Fujifilm primers and Uvijet inks as well as the MasterVision inspection system, the HS Series proves you don't have to sacrifice speed for quality.

- 600dpi with no loss of detail at high speed
- 5pl droplet size
- Able to print 3pt text with ease

Modularity

Each press is tailor-made and built from the ground up to satisfy your specific print and business requirements. By working closely together we can create the perfect press configuration for you.

1 Manual feed system

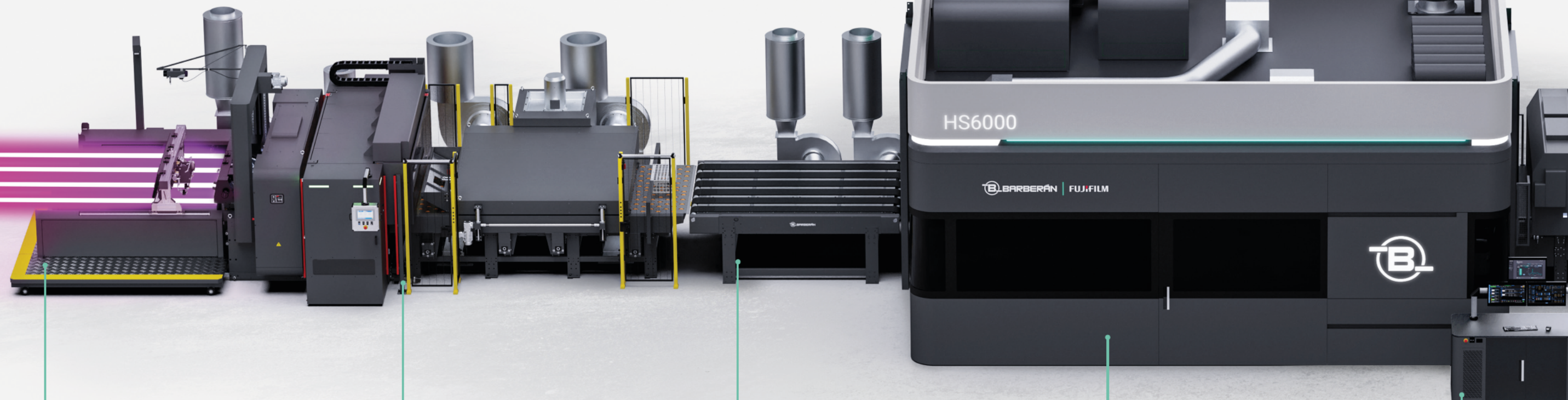
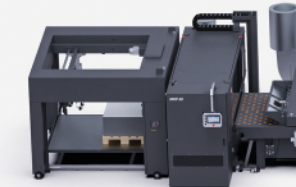
Ideal for fast turnaround of shorter runs and with a max material width of 1450mm and unlimited material length.

- Manual feeding
- AQ primer
- Alignment table
- Print system (no enclosure)
- OPV applicator + UV dryer
- Manual stacking

2 Top feed system

Ideal for fast turnaround of automation and max material length.

- Pallet-to-pallet top feed
- AQ primer
- Alignment table



Feeder

A unique hybrid feeder with both top and bottom feeding capable of handling most typical display media.

Primer

A high performance priming and curing station for both water-based and UV cured primers, jet drying and in-line maintenance access.

Alignment table

Precision alignment conveyor system to square and centre media relative to the print system.

Printer

Next generation wide format, single pass digital printer for display graphics fuelled by Fujifilm Uvijet curing inks.

Inspection s

The MasterVision automated vision system to address issues

nger length runs with pallet-to pallet
size of 1450x2000mm.

- Print system (no enclosure)
- OPV applicator + UV dryer
- Pallet-to-pallet top stacker



3 Top feed - industrial vacuum system

Optimised vacuum system for corrugated production with pallet-to pallet automation and max material size of 1700x2000mm.

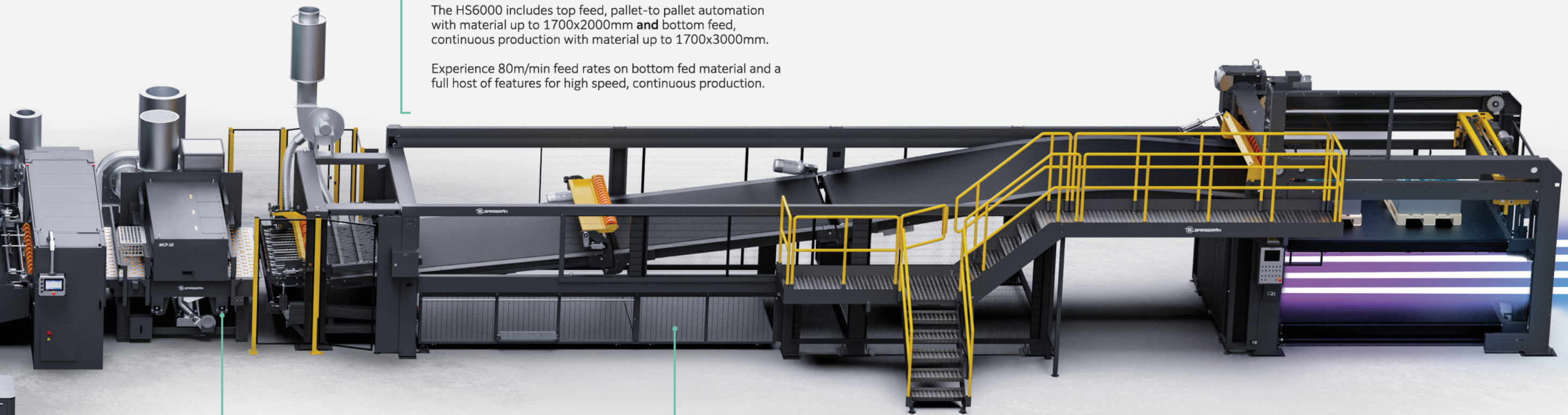
- Pallet-to-pallet top feeder
- AQ primer
- Alignment table
- Print system (with enclosure)
- Inspection system
- OPV applicator + UV dryer
- Pallet-to-pallet top stacker



4 Top of the range HS6000

The HS6000 includes top feed, pallet-to pallet automation with material up to 1700x2000mm **and** bottom feed, continuous production with material up to 1700x3000mm.

Experience 80m/min feed rates on bottom fed material and a full host of features for high speed, continuous production.



tem

inspection system uses
technology to detect and
the fly.

Overprint varnish

Doctor Roller system with UV based
OPV used to achieve flawless matte and
satin finishes.

Stacker

A customised stacking system capable
of handling all typical display and
signage media.



These example configurations can be fully
customised to meet your specific needs.

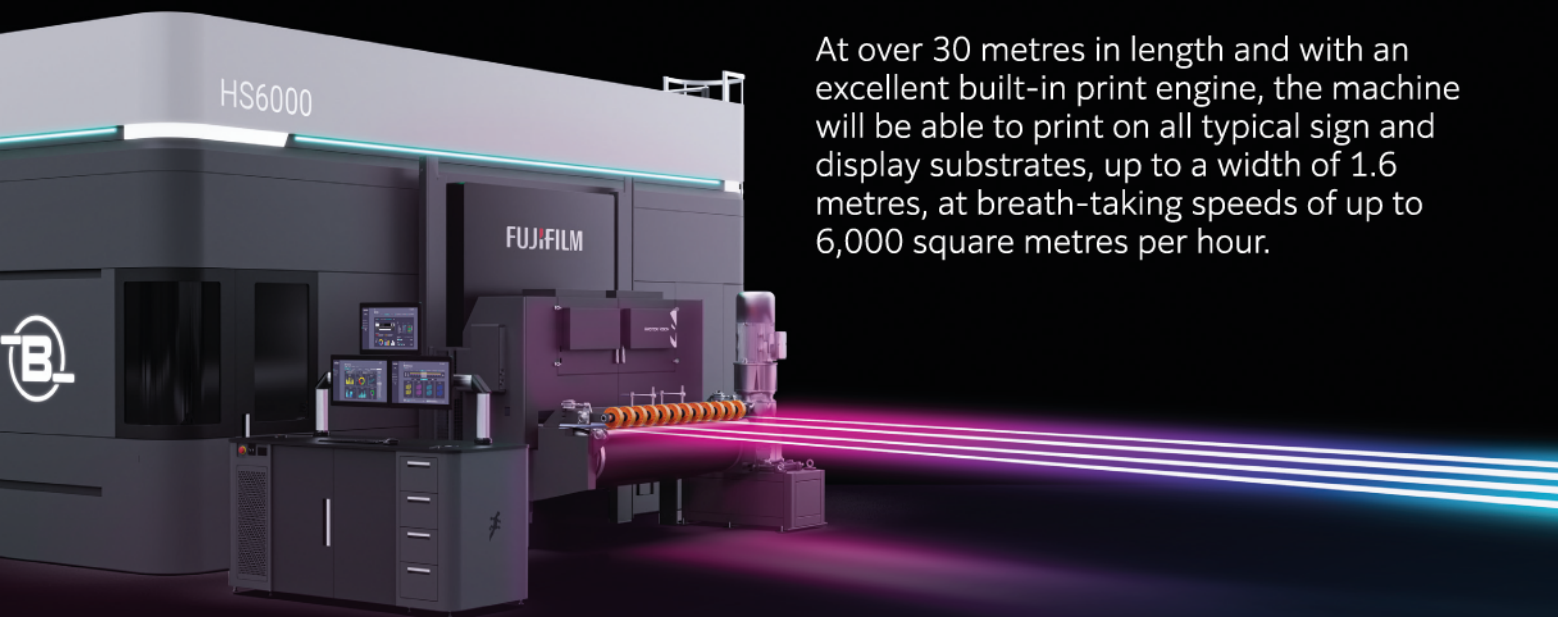
When engineering meets science

» Two industry leaders in partnership to deliver something truly revolutionary

This new partnership combines Barberán's manufacturing expertise with Fujifilm's unrivalled knowledge of inkjet integration, ink chemistry and its extensive experience in the sign and display market.

The new press will print with a bespoke new Fujifilm ink and primer, developed at its multi-award winning factory in Broadstairs, UK, making it suitable for printing on a range of substrates including papers, boards and plastics.

At over 30 metres in length and with an excellent built-in print engine, the machine will be able to print on all typical sign and display substrates, up to a width of 1.6 metres, at breath-taking speeds of up to 6,000 square metres per hour.



To find out more and get in contact visit
HS-Series.com

