

JUST BEAUTIFUL
DESIGN PRODUCTS

widePrint 12nG

High-Speed Photo Exposure



The fastest XL photo printer worldwide



Expand your offering in beautiful designed photo products:



LayFlat photo books



Photo calendars



Posters

Use widePrint 12nG to print images for

- ▶ XL LayFlat photo books and book covers
- ▶ LayFlat brochures
- ▶ Calendars and postcards
- ▶ Posters
- ▶ School photography
- ▶ **NEW:** Single prints and softcover booklets (2-up layout option)



In-line solution with paper processor VSP 25-12

Your Key Benefits at a Glance

- ▶ widePrint 12nG is a high-speed exposure unit for the industrial production of all kinds of silver halide products
- ▶ Proven, productive and cost-efficient solution chosen by major labs worldwide
- ▶ Uptime (= productive time) of 95% to 98% is by far the highest in the printing industry
Result: Dramatically reduced production costs
- ▶ Highest image quality
- ▶ Very low maintenance
- ▶ The combined production line with widePrint 12nG and ISAG paper processor VSP 25-12 is a fully automated solution
- ▶ Both machines are connected in-line, saving manpower and time.
- ▶ Two lines can be operated by one person.
- ▶ One line produces approx. 6'350 prints (10" x 8") per hour

Exposure Unit

Punchmarker

Backprinter

In-line Connection



widePrint 12nG Profitable features

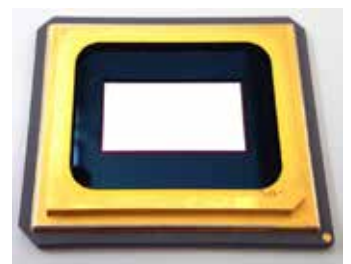
- ▶ Integrated paper splicing unit saves a significant amount of labor time and paper waste
- ▶ Built-in spectral photometer for paper tests and ICC profiling
- ▶ Variable print lengths in one order
- ▶ Optional inkjet backprinter with two lines of 60 characters each. Barcode printing possible



+ SWISS MADE

Leading-edge technology

- ▶ The robust exposure system is based on the proven DLP® Technology from Texas Instruments
- ▶ The DLP® chip contains 2.2 Mio mirrors for precise management of the light delivered to each individual image point from the LED light source.



widePrint12nG - Silver Halide Workflow

Software Printer

Variable Speed Processor



PURUS
netGate
VIESUS™

widePrint 12 nG

VSP 25-12



VIESUS™

World
Wide
Web

Low Maintenance and Service Costs

- ▶ widePrint 12nG is well known in the industry for its robust construction, offering smooth 24/7 operation
- ▶ The DLP® exposure module and LED light source guarantee consistent image quality for years
- ▶ Extremely low service costs

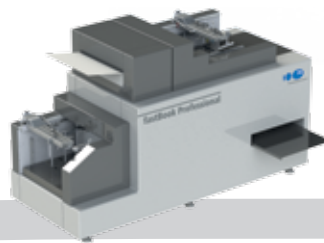
Post-Processing

Products



fastBlock

LayFlat photobooks
Photo calendars
Design greeting cards



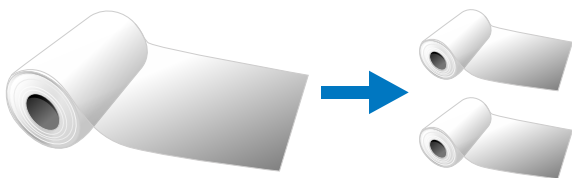
fastBook Basic
fastBook Advanced
fastBook Professional

layFlat Photo Books etc.



wideCut

Standard photo-prints
Posters
Package prints



Roll Slitting



fastCut

Small Prints



fastBooklet

Booklets

Technical Specifications

widePrint 12nG

FORMAT RANGE

Paper Width:	203 mm - 305 mm / 8" - 12"
Image Length:	89 - 1'016 mm / 3.5" - 40"
Paper Thickness:	0.13 mm - 0.26 mm / 0.0051" - 0.01"

EXPOSURE

Exposure Technology: Time Integrated Gray Scale (TIG), Digital Light processing (DLP®) by Texas Instruments Digital Micromirror Device (DMD®) with 2.2 million micromirrors. LED illumination

Exposure Resolution: 378 ppi

PERFORMANCE

21.5 m/min (70.5 ft/min), 393 sqm/h (4'230 sqft/h)

Print Size resp. Book Size (open)	Prints / h	Books / h					
		à 24 pages	à 36 pages	à 50 pages	à 74 pages	à 100 pages	à 140 pages
10 x 8"	6'355						
12 x 12"	4'230						
12 x 16"	3'174	265	176	127	86	63	45
12 x 24"	2'116	176	118	85	57	42	30
12 x 36"	1'411	118	78	56	38	28	20
12 x 40"	1'270	106	71	51	34	25	18

Electrical Connection 110 V / 127 V / 220 - 240 V,
single phase, 50 / 60 Hz, 1.6 KW

Compressed air: 0.55 – 0.7 MPa per module, oilfree

Dimensions: 3.38 (L) x 1.22 (W) x 1.81 m (H) / 133" (L) x 48" (W) x 71" (H)

Weight: 900 kg / 1'984 lbs