



Technical Equipment

NINO Druck GmbH


PrePress

DTP	Mac OS > Adobe Creative suite (InDesign, Photoshop, Illustrator) > QuarkXpress
	X Windows > Adobe Creative suite (InDesign, Photoshop, Illustrator) > FreeHand MX
Scanner	HEIDELBERG Nexscan F4100 10.800 dpi, template up to 457 x 315 mm (overhead- and slidescanning)
File-Management	e-mail: info@ninodruck.de FTP-server (SSL) DVD and CD-Rom flash drive (USB)
Production Workflow	HEIDELBERG Prinect Workflow
Formproof	EPSON SureColor T5200 > 6c LFP inkjet (LFP) > wideness: 914 mm
Bookletproof	OKI Pro 9431 brochures, handouts
Digitalproof	Epson SureColor P7000 > wideness: up to 600 mm
CTP	HEIDELBERG Suprasetter > printing plates for XL 106-8-P: 811 x 1055 mm > printing plates for CD 102-5 LX: 790 x 1030 mm > PDF, PostScript 3 incl. NELA-sorting-line
	HEIDELBERG Signa Station digital imposing PDF-files template based
Specials	> 178 lpi screening (uncoated) > 305 lpi screening > 203 lpi screening > frequency-modulated (FM) screening



LFP

Foil and Formboard	2 x SummaCat D140 R width: 135 cm
LFP	Printing Systems 3 thermotransfer for outdoor printing, 5 years guaranteed, incl. 3 GSX 15 die-cutting-system
	HP Latex 360 width max. 160 cm, resolution up to 1200 x 1200 dpi
	2 x HP Designjet L 25500 (HP Latex print technology) > max. width 148 cm, resolution 1200 x 1200 dpi > durability: up to 3 years without lamination, 5 years with lamination

Digital-Sheetfed

Digital-Printing	<p>HP Indigo 12000 digital press 7-colors in 75-cm-format</p> <p>Outstanding complement for offset printing.</p> <ul style="list-style-type: none">> 2800 different substrates ranging from 65 - 400 g/m² including coated, uncoated, colored, metallic & recycled special-papers and cardboard-material for product-boxes> up to 7 process colors for brilliant prints on account of light-cyan and light-magenta, opaque-white> image resolution: 812 dpi at 8 bit, addressability: 2438 x 2438 dpi HDI> line screens: 175, 180, 210 lpi> printing speed: 3450 sheets/h 4/0, 1725 sheets/h 4/4> max. image size 740 x 510 mm > max./min. sheet size 750 x 530 / 510 x 297 mm
	<p>HP Indigo 10000 digital press 7-colors in 75-cm-format</p> <p>Outstanding complement for offset printing.</p> <ul style="list-style-type: none">> 2800 different substrates ranging from 65 - 400 g/m² including coated, uncoated, colored, metallic & recycled special-papers and cardboard-material for product-boxes> up to 7 process colors for brilliant prints, optimized Pantone-emulation, precise solid-colors, real Pantone-colors and opaque-white> image resolution: 812 dpi at 8 bit, addressability: 2438 x 2438 dpi HDI> line screens: 175, 180, 210 lpi> printing speed: 3450 sheets/h 4/0, 1725 sheets/h 4/4> max. image size 740 x 510 mm > max./min. sheet size 750 x 530 / 510 x 297 mm
	<p>HP Indigo 7900 digital press 7-colors</p> <ul style="list-style-type: none">> over 2500 certified substrates from 60-350 g/m²> special-colors: matt-varnish, UV-varnish for security-prints, opaque-white, real Pantone-colors, two-sided printing> image resolution: 812 dpi at 8 bit, addressability: 2438 x 2438 dpi HDI> line screens: 175, 180, 210 lpi> max. sheet size 330 x 482 mm > max. image size 317 x 464 mm
	<p>HP Indigo 5600 digital press 7-colors</p> <ul style="list-style-type: none">> over 2500 certified substrates from 60-350 g/m²> special-colors: matt-varnish, UV-varnish for security-prints, opaque-white, real Pantone colors, two-sided printing> sheet capacity: 8000 sheets to 330 x 482 mm> image resolution: 812 and 1219 dpi at 8 bit, addressability: 2438 x 2438 dpi HDI> line screens: 175, 180, 210 lpi> max. sheet size 330 x 482 mm > max. image size 317 x 450 mm
	<p>Xerox Versant 2100</p> <ul style="list-style-type: none">> substrate from 52-350 g/m² > alignment front- and back (+/- 0,5 mm)> image resolution: 2400 x 2400 dpi > duplex printing, dry ink> personalize, high capacity paper storage > paper capacity: 9650 sheets> max. image size 317 x 482 mm> max./min. sheet size 330 x 488 / 98 x 148 mm
Digital-Certification	<p>PSD - ProzessStandard Digitaldruck (process standard digital printing)</p> <ul style="list-style-type: none">> audit in FOGRA39! 

Digital printing - PostPress

<p>Lay-Flat</p>	<p>Imaging Solutions AG fastBook professional</p> <ul style="list-style-type: none"> > height: 200 - 450 mm > wideness: 200 - 450 mm > board thickness: 0,3 - 1,0 mm > paper thickness: 0,2 - 0,3 mm > max. page-height: 1,4mm > max. book-height: 30 mm or 50 mm with board <p>Panoramic Buchpresse lay-flat technology in bookbinding</p>	
<p>Mailing</p>	<p>Neopost DS-200</p> <ul style="list-style-type: none"> > folding up to 8 different sheets > max. height of folder or booklets 6 mm > barcode (BCR) and camera-reading for security 	
<p>Scodix</p>	<p>Scodix Foil</p> <ul style="list-style-type: none"> > patent technology for optimal recognition based on cameras > large range of foils for hot and cold foil finishing > min./max. foil roll width: 50-500 mm > offset- and digital printing substrates, synthetics, laminated and coated substrates > substrate weight: 135-675 g/m² > substrate thickness: max. 700 µm > substrate loading sizes: min. 297 x 420 mm / max. 545 x 788 mm > printing image size: max. 748 x 504 mm > resolution: max. 2540 x 450 dpi 	
<p>Crease, Perforate, Fold</p>	<p>Duplo DC 746, Duplo DC 645</p> <p>high-performance system for grooves, punching, multiple cuts and perforations of digital prints</p> <ul style="list-style-type: none"> > substrate weight: 110 - 350 g/m² > final format: min. 210 x 210 mm / max. 370 x 670 mm 	
<p>Hardcover production</p>	<p>Schmedt PräziCoat Gluing machine, PräDeka XL Case-making machine, PräLeg Casing-in machine, PräForm Single press und PräziBand Headband machine</p> <ul style="list-style-type: none"> > format: min. 15 x 15 cm / max. 50 x 50 cm (closed final format) > spine insert: min. 8 mm / max. 85 mm > cardboard thickness: 1,2 - 3,5 mm > headband: min. block thickness 3 mm > straight spine shape <p style="text-align: right;">> headband available in various colors</p>	
<p>Bonding machines</p>	<p>Adhesive binder Horizon BQ160</p> <ul style="list-style-type: none"> > format: min. 128 x 70 mm / max. 500 x 350 mm > glue type: Hotmelt <p style="text-align: right;">> spine width: 1 - 40 mm</p>	

Offset-Sheetfed

Offset-Printing	<p>HEIDELBERG Speedmaster XL 106-8-P</p> <ul style="list-style-type: none">› max. sheetsize 75 x 106 cm› max. printsize 74 x 105 cm, 73 x 105 cm in perfecting› 8 colors, printing in 1/0–8/0, 1/1–4/4› inline perforating and die-cutting› substrate thickness: 0,03–0,8 mm› Autoplate Pro› Prinect Press Center (automatically Ink-Line-system)› inpress control measurementsystem according to PSO› CIP 4 print production format
	<p>HEIDELBERG Speedmaster CD 102-5 LX</p> <ul style="list-style-type: none">› max. sheetsize 72 x 102 cm› max. printsize 71 x 102 cm› 5 colors, printing in 1/0–5/0 + additional inline varnish-system› inline perforating and die-cutting› substrate thickness: 0,04–1,0 mm› Autoplate› Prinect Press Center (automatically Ink-Line-system)› CIP 4 print production format› inpress control measurementsystem according to PSO
Offset-Certification	<p>DIN ISO 12647 - Prozess Standard Offsetdruck „Premium-PSO“ (process standard offset printing)</p> <ul style="list-style-type: none">› audit in FOGRA51!



PostPress

Slicers	<p>2 x Polar 115 High-speed cutterline rattle - slice - automatic stacking</p>
Folding machines	<p>HEIDELBERG Stahlfolder BH > 6 buckle plates + 6 plate folding units + double gate folding unit > working width: 56 cm</p>
	<p>HEIDELBERG Stahlfolder TD > 6 buckle plates, 1 x 4, 1 x 2 folding units + 1 folding knife + double gate folding unit > working width: 78 cm</p>
	<p>HEIDELBERG Kombi Stahlfolder KH > 4 buckle plates + 2 folding knife > working width: 82 cm</p>
	<p>HEIDELBERG Kombi Stahlfolder KD > 4 buckle plates + 2 folding knife > working width: 78 cm</p>
	<p>Groove machine Binderhaus + folding machine + double gate folding unit > 4 buckle plates (groove and fold)</p>
Crease, Perforate, Fold	<p>FSK/Foldmaster Touchline TCF375 > paper format: 105 x 148 mm (min.), 375 x 1050 mm (max.) > paper weight: 80-400 g/m² (groove & fold), 80-300 g/m² (perforate/length- & crosswise)</p>
Sewing- and Bonding machines	<p>Saddle stitcher HEIDELBERG Stitchmaster ST 350 > 6 stations: 1 cover feeder, manual feeder, 2-4 stitching heads (optional eyelet binding) > collate - stitch - slice > small-format set-up</p>
	<p>Zusammentraghefter Theisen & Bonitz Flex B 316 SP > collation across 16 stations > folding, 2-4 stitching heads, cover creasing set-up, 3-side-trim</p>
	<p>Adhesive binder HEIDELBERG Eurobind 1300 > PUR-adhesive binding > cooling line > Eurotrim 1000 – three-knife trimmer</p>
	<p>Wohlenberg ZTM 370 > collation across 20 stations</p>
Refinement	<p>Laminating machine thermal lamination by foil – format 70 x 100 cm</p>
	<p>OHT Original Heidelberg Tiegel – format A3</p>
	<p>Original Heidelberg Zylinder – format 63 x 88 cm</p>
	<p>Hot-Foil stamping – format A3</p>
Logistic	<p>2000 m² storage area</p>
	<p>shipping service</p>



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