Scodix SENSE™ Digital Presses – Specifications

Printing technology	UV based inkjet
Resolution	Up to 2,540 x 360 DPI
Variable data	PDF, Optimized PDF, Optional Barcode system
Supported image standards	Standard PDF
Camera based Registration (OPA)	±200 micron image to image
Communication protocol	Hot Folder, LAN
Substrates *	Offset, Digital, Laminated substrates
Substrates loading sizes	Minimum L297 x W420 mm / 11.7 x 16.5 in **S52** – Maximum – L353 x W520 mm / 13.9 x 20.4 in **S74** – Maximum – L520 x W735 mm / 20.4 x 28.9 in
Printing Image size (with OPA marks)	**S52** – Maximum – L341 x W516 mm / 13.4 x 20.3 in **S74*** ** – Maximum – L508 x W731 mm / 20 x 28.8 in
Polymer	Scodix PolySENSE™ Clear Polymer
Polymer layer thickness **	Up to 250 microns
Substrates input system	Automatic feeder
Substrates output systems	Automatic Production stacker, Basic stacker unit
Substrates weight	135 - 675 gsm / 6 - 30 points
Substrates thickness	Up to 0.7mm / 700 micron
Air requirements	Air Flow: 10 CFM. Between 6-8 bar - regulated
Additional software	Internal RIP, Software Editor
Presses dimensions (L x H x W)	**S52, S74 – with Basic stacker unit** 3793 x 1883 x 2576 mm / 150x 75 x 102 in **S74 PRO – with Production stacker** 4753 x 1883 x 2576 mm / 187 x 75 x 102 in
Operating environment	Temperature: 15ºC to 30ºC (59ºF - 86ºF) Humidity: 40% to 80% relative humidity, non-condensing
Electrical requirements	Voltage: 400 VAC, + 10% 3 Phases Frequency: 50 to 60 Hz Current: Avg. 20 Amps in Print mode Power consumption: Avg. 8 kVA in print mode Circuit Breaker: 32 Amps
Presses weight	**S52** – Net: 2,390 kg / 5,269 lbs **S74** – Net: 2,429 kg / 5,355 lbs **S74 PRO** – Net: 2,905 kg / 6,404 lbs

* Based on the Scodix recommended list of materials. For expected Scodix SENSE quality, surface tension should be within the range of 36-44 dyne/cm.

** Depends on print mode and substrate.

*** Scodix S74 current maximum image size is 487x696mm / 19.1x27.4 ”.

For more information, please visit www.scodix.com

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