SMART SOLUTIONS FOR THE LABELING INDUSTRY
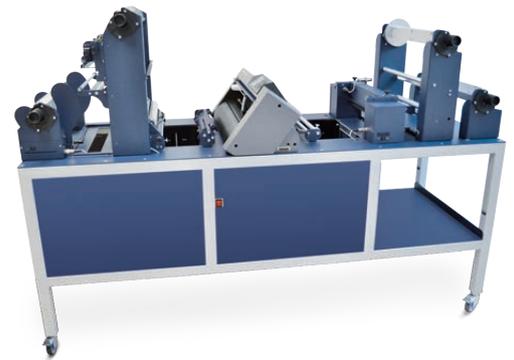
SCORPIO SERIES - DIGITAL LABEL FINISHERS

model **SCR22**

The digital label finisher with no lamination module ideal for those who use pigment-based ink / laser technology printers (water and fade resistant).

model **SCR22PL**

The ideal companion to 8.5" digital color label printers

model **SCR35PL**

The perfect match for wide-format digital color label presses

The Scorpio Series are all-in-one systems that unwind, laminate with (SCR22PL) or without (SCR35PL) laminate liner rewind core holder for labels added durability, digitally die-cut, remove the excess label material around each die-cut shape, slit, and rewind offering you everything to professionally cut and finish labels.

All systems provide a very accurate label finishing solution using cutting plotter technology.
This allows you to cut different types of material and shapes on the fly without the added cost of dies.

The units are equipped with a cutter management tool that works together with a camera forming an integrated optical black-mark registration system providing cutting speed optimization and avoiding synchronization issues.

All features that turn into full flexibility, limitless variations in label design and smooth workflow.

The Scorpio Series are digital label finishers truly meant to meet the on-demand short run label finishing solution for use with digital color label printers and presses.

Some benefits of using the Scorpio Series:

» Short run label production in-house means reducing inventory requirements and costs

» Producing full bleed labels will no longer be a nightmare

» Laminating for labels added durability (no need for special media)

» No need to order pre-die cut label rolls

» No need for ultra-precise label margin adjustment when printing in full bleed

» No need to set up a minimum gap between labels when printing in full bleed (saving on media).

A WORLD OF SOLUTIONS

SMART SOLUTIONS FOR THE LABELING INDUSTRY

SPECIFICATIONS			
Part number	SCR22	SCR22PL	SCR35PL
Input / Output max. roll diameter	250 mm (9.84")	250 mm (9.84")	250 mm (9.84")
Minimum media width	110 mm (4.33")	110 mm (4.33")	110 mm (4.33")
Maximum media width	225 mm (8.86")	225 mm (8.86")	355 mm (14")
Maximum cutting width	200 mm (7.87")	200 mm (7.87")	330 mm (13")
Minimum slitting width	19 mm (0.75")	19 mm (0.75")	19 mm (0.75")
Number of slitting blades	up to 8	up to 8	up to 13
Lamination module	NO	YES	YES
Dimensions	L = 150 cm (59.05") H = 145 cm (57.06") W = 70 cm (27.56")	L = 200 cm (78.74") H = 145 cm (57.06") W = 70 cm (27.56")	L = 200 cm (78.74") H = 145 cm (57.06") W = 70 cm (27.56")
Weight (estimated)	180 kg (396 lb)	235 kg (518 lb)	245 kg (540 lb)
Roll core size	76 mm (3")		
Minimum / Maximum label length	10 mm (0.39") / 381 mm (15")		
Maximum media thickness	0.25 mm (10 mil)		
Maximum cut speed	600 mm/s (24 in/s) in all directions		
Warranty	One year parts and labor. Usage limitation may apply		

UNWINDING > LAMINATION (ONLY SCR22PL OR SCR35PL) > KNIFE CUTTING > WASTE MATRIX REMOVAL > SLITTING > REWINDING TO FINISHED ROLLS

SMART SOLUTIONS FOR THE LABELING INDUSTRY

WHAT D.P.R. SCORPIO SERIES HAVE AND THE COMPETITION DOESN'T…	
Optical Sensing	D.P.R. Scorpio series use a camera forming an integrated optical black-mark registration system allowing to read one black-mark for each cutting layout. Optimizing cutting speed. No synchronization issues.
Adjustable Clutch	This feature allows to obtain flat tight finished rolls and waste material neatly rewound.
Size Does Matter	D.P.R. Scorpio series size help operators have more room to easily and quickly load the media and get the machine ready to work in a few minutes.
Media Track	D.P.R. Scorpio series are equipped with an ultrasonic sensor system that generates a loop of media both in plotter input and output in order to guarantee a smooth media track during the cutting operations.
Slitter Blades	D.P.R. Scorpio series are equipped with inexpensive multi edge blades. Blade life extended 4 times as much.
Blank Labels	D.P.R. Scorpio seires can cut blank labels. Through the Scorpio software, operators only need to set label step. No printed black-mark required on the media.
Software	D.P.R. Scorpio series come with a tailored software to be installed on any computer customers own.
Media	D.P.R. Scorpio series allow to use any media from 101,6 mm (4") up to 355 mm (14") wide.
Matrix Rewinding	D.P.R. Scorpio series feature synchronized motorized core holders that avoid any matrix tear while removing and rewinding.
Easy To Move	D.P.R. Scorpio series are equipped with four wheels that allow to easily move the machine.
Remote Assistance	Customers whose computers are connected to internet can be reached by one of our operators for remote assistance and firmware upgrades.

Core holder's clutch

Laminating
(SCR22PL and SCR35PL only)

Tension arm

Camera

Knife cutting

Adjustable clutch

Waste matrix removal

Slitting

Rewinding to finished rolls

Shelf
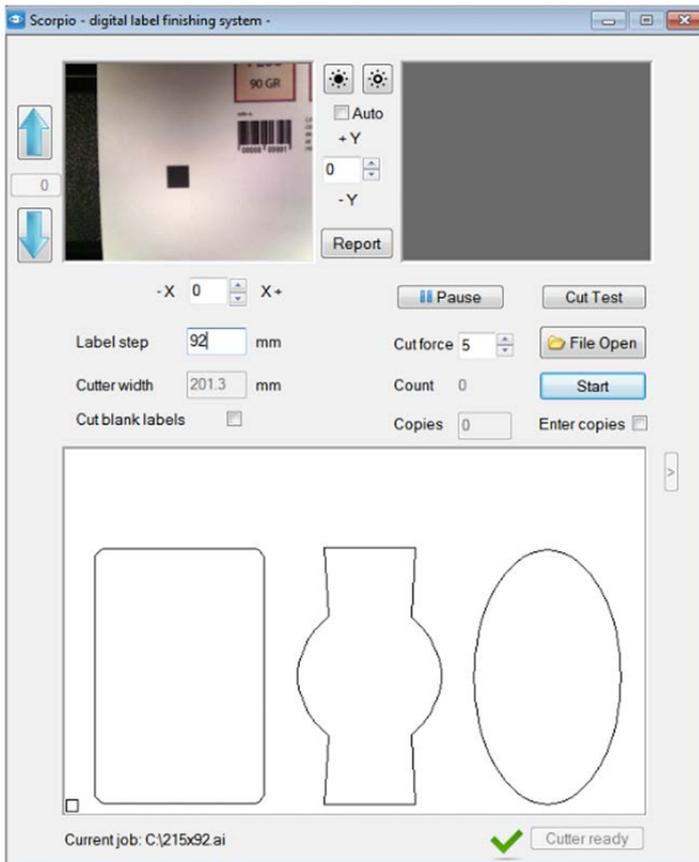
SMART SOLUTIONS FOR THE LABELING INDUSTRY

PLOTTER SPECIFICATIONS	
Data interface	USB 2.0
Linear cut speed	Dependent on graphic 2 squares across 80x80 mm (3.15"x3.15") = 34 labels per min.
Programmable Cutting Force	20 gf - 300 gf in 31 steps (Max 300 gf)
Test cut function	Yes
Cut to registration	Single point registration black-mark (4 mm (0.16") square)
Cut ability	Both printed and unprinted media
Interface & Software	Scorpio Software (PC only (Windows x32 and X64) Win 7, Win 8.x, Win 10) cutter management tool.
Power requirements	100-240 VAC, 240 watts

SCORPIO SOFTWARE

Scorpio software works together with a camera forming an integrated optical black-mark registration system.

Through the software, the operator imports the cutting file from Adobe Illustrator or Corel Draw and creates a black-mark inside the cutting file.

The camera detects the black-mark printed on the media and the software matches it with the black-mark created inside the cutting file.

This process synchronizes when and where starting the job.

Cutter management tool.