MAKING GREAT IDEAS STICK

mea Markets
African Excellence Awards 2023
NSI Label
Best Digital Label Printing Solutions Provider 2023 - South Africa
winner!

Represented and with installations throughout Southern Africa

082 467 4694

info@labelandpack.africa

NSI Label

MAKING GREAT IDEAS STICK

PRINTERS

A new era in **flexible label printing** making great ideas stick!

130mm | 210mm | 330mm

130mm

Pro Series Label Printers

Versatile professional label printing for labels with impact

Pro1040 (CMYK) Four colour label printer

Pro1050 (CMYK+W) Five colour label printer

Packed with the latest in OKI digital LED technology, the Pro Series Label Printer takes creativity and flexibility to a new level,with professional four colour (Pro1040) and five colour (Pro1050)narrow-format printing across a wide range of material

Stand out from the crowd with professional, eye-catching labels

Product labelling

Just the ticket for retail and events printing

Robust waterproof printing for industrial & outdoor labelling

Delivering on a whole range of business needs

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Select the Pro Series printer & configure the accessories to meet your specific business needs

Printer & Unwinder

(available with four colours CMYK or five colours CMYKW)

Accessories

Rewinder[2]

Work Bench[2]

Matrix Remover[2]

Work Bench Extension[2]

Pro1040 & Pro1050 Printer Specifications

Specification summary[1]	Pro1040 & Pro1050
Colour Options	Pro1040 (CMYK) & Pro1050 (CMYK + W)
Media Type[2]	Plain Paper, Film, Plain Paper Label, Glossy Paper Label, Synthetic Film Label
Media Width	Roll Paper: 25.4mm (1.0") - 130mm (5.1") including liner
Media Thickness	0.076 - 0.250mm
Label Length	12.7mm (0.5") - 1320.8mm (52")
Label Width	25.40 - 125.76mm
Media Detection	Black Mark (printed on back of liner), Gap, None
Media Format	Roll
Roll Outer Diameter / Core Inner Diameter	Max. Φ203.2mm (Φ8") / Φ76.2mm (Φ3")
Roll Wind Direction	Face-out, Face-in
Minimum Print Margin	Top: 2.12mm, Bottom: 2.12mm, Right: 2.12mm, Left: 2.12mm
Print Position Accuracy / Cut Accuracy	Vertical: ±0.5mm, Horizontal: ±0.5mm / Vertical: ±0.5mm
Cuttable Media Length	Min. 101.6mm
Print Resolution	1200 x 1200 dpi, 600 x 600 dpi
Print Speed	Max. 152.4mm/s (6ips)
Interface	1000BASE-T/100BASE-T/10BASE-T, USB2.0 (High Speed), TCP/IP, IPX/SPX, EtherTalk
Protocol	TCP/IP, IPX/SPX, EtherTalk
Printer Language	Adobe PostScript[3], PCL 5c emulation, PCL 6 (XL) emulation
Supported OS	Windows 10, Windows Server 2012 R2, Windows Server 2012, Windows Server 2008 R2, Windows Server 2008, Windows Server 2008 x64, Windows 10 x64, OS X 10.10, Windows 8.1, Windows 8.1 x64, OS X 10.11, Windows Server 2016, macOS 10.12, Windows 8, Windows 8 x64, Windows 7, Windows 7 x64
Processor Speed	ARM 1.2 GHz
Memory (Std./Max)	2,000 MB / 2,000 MB
Hard Disk Drive	250 GB
Font	Adobe PostScript 136 fonts, PCL emulation 81 scalable fonts, 4 bitmap fonts
Auto Cutter	Rotary blade full cut
Dimensions (WxDxH)	1,049 x 341 x 451 mm (printer with unwinder)
Weight (includes supplies)	Approx. 60.0 kg (printer with unwinder)
Operating Environment	Operating: 10 - 30 °C, 20 - 70 %RH, Storage: -10 - 43 °C, 10 - 90 %RH, No condensation
Power Source	Single phase 230V AC +/-10%, 50/60 Hz +/-2%
Power Consumption	Operating: Max. 1,200W/Ave. 710W, Idle:27W w/o rewinder, Power Save: 25W
Safety & Environment	RoHS, Network Access License, cUL Mark, cULus Mark, GS Mark, UL Mark, CSA Mark, EMC-Directive, CE Mark, GS Mark
Toner / Image Drum Life (C,M,Y,K)	9,000 A6 pages at ISO Standard 20% ink coverage
Toner / Image Drum Life (W)	4,500 A6 pages at ISO Standard 20% ink coverage
Transfer Belt / Fuser Life	150K Pages (approx 22km of labels @A6 pages)
Waste Toner Box Life	50K Pages
In The Box	Manuals, Power cable (UK & EUR), DVD-ROM (Software Drivers & BarTender® UltraLite)
3rd Party Accessories	NSI Rewinder, rewinder with matrix removal, bench & bench with extension

Considering the Environment

High Definition Color

20 years of LED Technology

[1] Specification subject to change without notice. All trademarks acknowledged. [2] Media list available (all media should be pre-tested before ordering in quantity).

[3] Available in 2019 after product launch.

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LabelSmart All-in-One

MAIN FEATURES

- Label Printing/Laminating/Die cutting/Sliting/Rewinding.all these functions in one machine.
- High finishing capacity, a perfect solution for small batch label production.
- Compact and exquisite design, perfect for print/graphic shops. Unattended operation design, saving your labour cost

Application: Self-adhesive sticker , label etc.

CUTTING SAMPLES

SPECIFICATIONS:

Model	LabelSmart All-in-One
Function	Printing /Laminating/Die cutting/Slitting/Finished label rewinding/Waste rewinding
Typical roll inceed&exceed speed	About 1m/min
Contour cutting speed	Dependent on graphic
Contour cutting force	0-600g
Minimum character cutting size	About 5mm² (Varies from contour paterns and medias)
Maximum sheet size	400mm
Minimum infeed roller width	100mm
Maximum infeed roller width	210mm
Maximum diameter for infeed roller	500mm
Maximum diameter for laminate roller	300mm
Maximum diameter for exfeed roller	300mm
Maximum diameter for rewinder roller	300mm
Mechanical resolution	0.02mm
Actual/Packing dimensions	1660mm×615mm×1194mm / 1824mm×974mm×1472mm
NW / SW	268.6kg / 384.2kg
Actual/Shipping of printer dimensions	444 mm x 515 mm x 326 mm/610 mm x 710 mm x 480 mm
Printer NW / SW	26.0 kg/37.0 kg
Software and Compatibility	
Connectivity	USB interfaces
Software and compatibility	Coreldraw & Windows 7,8 & 10
Power&Working Environment	
Power source	100VAC-120VAC, 200VAC-240VAC,50/60Hz
Power	All-in-one Cutter 350W, Printer 200W
Operation environment	Temperature:+5°C - +35°C/41°F - 95°F Humility:30%-75%(Non-condensing)

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• 210mm

PIGMENT INKJET LABEL PRINTERS

VP 500 SERIES

START DIGITAL LABELS COST EFFECTIVELY

VP 600 SERIES

START DIGITAL LABELS COST EFFECTIVELY

VP 700 SERIES

FOR COST EFFECTIVE HIGH VOLUME COLOR LABEL PRODUCTION

DESKTOP COLOR LABEL PRINTERS (With Enhanced water-resistant inks)

VP610 / VP660

for Growing Businesses

VP610/660 Color Label Printer for Growing Businesses

The VP610/VP660 helps streamline your labeling workflow, reduces inventory and waste. These printers are simple to use and deliver up to 2,400 labels (4x6") in 10 min. Whether you need a hundred or ten thousand labels/day, you can depend on the VP610/VP660 to deliver every time.

• Brilliant color labels

With resolution of 1,600 x 1,600 dpi, this printer delivers glorious labels with crisp text in its most elegant form.

• Amazingly fast

At 12 ips or 18 m/min, you get 1,800 6×4" labels in under 10 mins
At least 2x faster than most mid-range thermal printers.
Up to 4x faster than other desktop color label printers

• Food safe

VIPColor label printers use non-toxic aqueous dye inks that is safe for indirect-contact food labels

Where to use VP610/660 small business color label printer?

VP610/660 is suitable for many label applications and productions where

You have **dynamic or seasonal** orders

You have **variable data** like date codes or QR codes

You have **multiple variants or languages** of the label

VP700 / VP750

High Speed Commercial Color Label Printer for Demanding Applications

VP700/750 High Speed Commercial Color Label Printer for Demanding Applications

The VP700/750 color label printer is ideal for short to medium print requirements. Combined with its ability to print vibrant colors at up to 60 feet per second on a wide range of paper, polyester, polypropylene and vinyl label stocks makes the VP700/750 the perfect solution for printing labels in-house, on time and on your terms.

• Brilliant color labels

With resolution of 1,600 x 1,600 dpi, this printer delivers glorious labels with crisp text in its most elegant form.

• Amazingly fast

At 12 ips or 18 m/min, you get 1,800 6×4" labels in under 10 mins
At least 2x faster than most mid-range thermal printers.
Up to 4x faster than other desktop color label printers

• Food safe

VIPColor label printers use non-toxic aqueous dye inks that is safe for indirect-contact food labels

Where to use VP700/750 fast color label printer?

VP700/750 is suitable for many label applications and productions where

You have **dynamic or seasonal** orders

You have **variable data** like date codes or QR codes

You have **multiple variants or languages** of the label

You have a **demanding environment** in terms of cleanliness & hygiene

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	VP610	VP660
PRINT SPEED	6 and 12 ips (154 and 305mm/second)	
PRINT RESOLUTION	1,600 x 1,600 dpi and 1,600 x 800 dpi	
PRINT WIDTH/LENGTH	2" - 8.5" (51 - 216mm) / Up to 40" (1.016m)	
COMM PORTS	USB 2.0, 10/100Base-T, GPIO	
INKS	Five individual 250ml dye ink cartridges	Five individual 250ml dye ink cartridges (Enhanced water-resistant inks)
TIME TO FIRST LABEL	Less than 10 seconds	
PRINT MODES	Roll-to-Cut, Roll-to-Roll, Print & Hold	
BARCODE PQ	Grade B or better for •1D barcode (Code 39) with 10mils bar width •2D barcode (PDF417) with 10mils cell size	
ELECTRICAL	Universal power supply - 100-240 Vac, Peak current <4A	
TEMPERATURE	Operation: 15 to 35°C at RH 20-80%; Storage: -5 to 50°C	
SAFETY/COMPLIANT	FCC Part 15, Subpart B, Class A (US), cULus, IEC-62368-1, RCM, CCC, UKCA mark, Singapore Safety Mark	
USER INTERFACE	Embedded web server, Backlit LCD control panel in 9 languages, LED for warning and readiness indication	
ACOUSTICS	Sound pressure level <60dBA	
PRINTER DRIVER	Windows 10	
SUPPORTED SOFTWARE	All major Windows based label and graphic design applications like Adobe Illustrator, Nicelabel and Bartender.	
SENSOR TYPE	Gap, Reflective sensor for black mark	
MEDIA TYPE	Roll (continuous, die-cut), fan-fold	
MEDIA THICKNESS	0.1 - 0.3mm	
ROLL DIAMETER	8" (203mm) OD with 3" (76mm) core	
SUPPORTED MEDIA	Glossy, matte, synthetics	
OTHERS	Rugged metal casing, automatic cutter, patented print & hold mechanism	
WARRANTY	1 year warranty or 5M inches, whichever earlier	

Suitable Applications:

Suitable Applications:

Technical Specifications	VP700	VP750
PRINT SPEED	6 and 12 ips (154 and 305mm/second)	
PRINT RESOLUTION	1600 x 1,600 dpi and 1,600 x 800 dpi	
PRINT WIDTH/LENGTH	2" - 8.5" (51 - 216mm) / Up to 40" (1.016m)	
COMM PORTS	USB 2.0, 10/100Base-T, GPIO	
INKS	Five individual 250ml dye ink cartridges	Five individual 250ml dye ink cartridges (Enhanced water-resistant inks)
TIME TO FIRST LABEL	Less than 10 seconds	
PRINT MODES	Roll-to-Cut, Roll-to-Roll, Print & Hold	
BARCODE PQ	Grade B or better for •1D barcode (Code 39) with 10mils bar width •2D barcode (PDF417) with 10mils cell size	
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• 330mm

LABELSMART 330-UV

Desktop UV label printer

CMYK WW | CMYK VW | CMYKLMLC

ADVANTAGES:

1: **Epson Xp600** print head increases print speed.

2: One sheet sized 330mm X 400mm printed at 1440dpi full color takes 8 minutes to complete

3: Self-developed affordable motherboard, and is in stock in South Africa;

4: If the length of the roll of film or the piece of paper you are about to print is100 meters, you can print 100 meters without any interruption

5: Switch between single-sheet paper printing and rolling film printing or pre-cut label printing

6: The paper will not slip during printing; there is no restriction on whether the material is transparent, glossy or matte

7: Standard white ink mixing system (or white ink mixer), automatic timed, intermittent mixing

8: Equipped with spot varnish function.

9: Colour setup possibilities: **CMYK WW** or **CMYK VW** or **CMYK LM LC**

10: Equipped with vacuum suction platform.

11: Minimum label width:110mm Maximum label width:320MM

Continuous ink feeding system

Includes label wind/rewind system

Ink supply by refillable supply

ACCESSORIES:

- Printing Software
- Refillable Ink System with White Agitation System for stable printing output
- Full set (6) bottles of start-up inks 500ml each C,M,Y,K,W,V
- One high speed USB data cable and power cable
- Label material unwinding and rewinding system
- 12 Months non-consumable parts warrantee

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K1 LABEL PRINTER - CMYKW

LED TONER PRINTER

Power Consumption	2.5KW	**Weight**	700KG
Media Applicable	52-360GSM	**Color Mode**	CMYK+W
Print Resolution	1200 * 1200 DPI	**Print Speed**	5-10MPM
Unwind Width(max)	330mm I Dia:650mm	**Dimensions**	1550mm*850mm*1500mm
Power Supply	Single-phase 220-240V AC, 50HZ±2%	**Working Environment**	Temperature: 17°C-27°C Humidity:50% to 70%RH
Printing Technology	LED Digital Color Electrostatic Imaging Printing	**Media Applicable**	Synthetic paper, coated paper PP, PET, etc

Equipment Features

- Vivid and lifelike graphics, fast and efficient printing. Delivers outstanding performance.
- 1200*1200dpi resolution and OKI's voe LEO print head.
- Exceptional paper handling capacity of up to 360gsm and 1321mm in length.
- Sharp and clear printouts with stunning colors, making your prints more vibrant and realistic.

Equipment Details

CMYK-W 5 Color

Web Guide

High-speed Continuous Printing

User-friendly UI interaction

Versatile Applications

PP

Bopp

Synthetic Paper

Pet

Glossy Paper

Matte Paper

Double Sided Tape

Kraft Paper

Card Paper

Coated Paper

Sliver Polyester

Reflective Film

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FINISHERS

210mm | 330mm

• 210mm

VALLOY DUOBLADE PETIT

(a real commercial production machine in desktop size)

DIFFERENTIATION OF DOUBLADE PETIT

TABLE-TOP : DUOBLADE PETIT SUCCEEDED TO EVERY STRENGTH OF DUOBLADE SX, WHICH IS VALLOY'S BEST SELLER. JUST REDUCING THE SIZE, IDEALLY MATCHING WITH ECONOMIC SMALL ROLL LABEL PRINTERS FROM OKI, HP, EPSON AND MEMJET.

Automatic distance-adjustable dual heads

Dual cutting heads are installed to maximize production rate. Distance between heads is digitally adjustable for easier operation.

Ring blade for slitting

Differently from DUOBLADE SX, ring slitting blades are installed in Petti. Position of multiple slitting blades can be adjustable all together.

Cut-Connect plate

for easy loading of new rolls

Slitting and matrix removal

Edge trimming can be done

Inline connection

Stable feeding from Memjet printer directly in inline process

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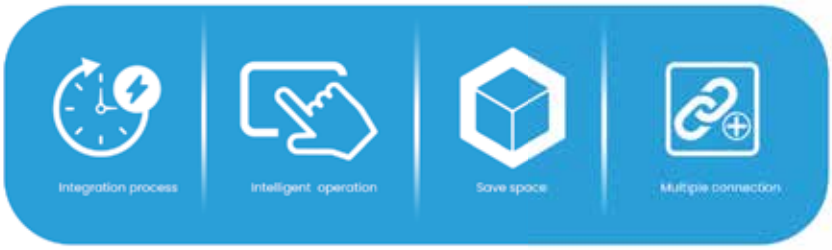
• 330mm LabelSmart LS-30Pro with CCD SMART CAMERA

- Laminating/Die cutting/Slitting/Wasting/Rewinding in one machine.
- HD LCD touch screen, human-computer interaction is more convenient.
- Compact with a small footprint.
- USB/U disk/Ethernet/WiFi, multi-mode connection



PRODUCT PARAMETERS:

Model name	LabelSmart LS30 PRO
Motor	X-Servo motor
	Y-Servo motor
	Feeding motor
	Collecting motor
Sensor	CCD camera
Control panel	7 inch touchscreen
Function	
Scan marks	Dot mark+QR code
Functions	Laminating/Die cutting/Slitting/Wasting/Rewinding
Cutting precison (Patterns)	Three patterns (Speed First、Balance First、Precision First)
Scan marks speed	About 5S
Cutting speed	15-1050
Cutting force	0-750
Max material	About 250g (Depend on variable material)
Minimum character	About 5mm² (Depend on varaible material and graphics)
Inner storage	Inner storage：128M Save files into machine
Mechanical resolution	0.02mm
Programmable resolution	HPGL0.025mm
Material	Roll coated paper、sticker ect
Maximum diameter of paper feed roll	350mm
Maximum diameter of film roll	150mm
Maximum diameter of paper receiving roll	300mm
Maximum diameter of waste roll	300mm
Minimum size of roll	100mm
Maximum size of roll	330mm
Maximum lable length	330mm
Maximum label width	330mm
Software and comptiablity	
Connect	USB interface、Net interface、U disk and WiFi
Software and comptiablity	Cutstudio software Corel Draw plugin and Illustrator plugin
	USB cable (for USB interface)
	Net cable (for net interface)
	WiFi (for 2.4G WiFi)
	Save PLT in U disk (for U disk port)
Power and envrionment	
Voltage	100VAC-120VAC,200VAC-240VAC,50/60Hz
Currrent	Max 6.8A
Power	Max 350W
Operation environment	Temperature +5℃ to +35 ℃ (Fahrenheit 41-95), Humidity 30% -75% (Non-condensing)
Dimensions and Weight	
Actual dimensions	L 1030mm×W 770mm×H 700mm
Package dimensions	L 1250mm×W 1070mm×H 910mm
Gross/Net weight	245±5kg /365±5kg

This parameter is subject to change without prior notice. The company reserves the right of final interpretation

APPLICABLE MATERIALS:

Kraft paper stickers

PVC adhesive label

Laseradhesive label

Coated paper stickers

Synthetic paper stickers

Silver matt PET

Thermal paper stickers

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DUOBLADE WS

2 cutting heads

DUOBLADE WS MAX

4 cutting heads

MAX produces double in the same speed

Features

High productivity& stable media feeding

The media width and die-cutting area reaches 320mm which can meet needs of most label manufacturers. Equipped with a guided deviation correction system, the media feeding is more stable.

CCD Camera & Safety cover

Automatic job change functions are offered by reading serial numbers from CCD camera. And it makes higher cutting accuracy. The safety cover was equipped for the safe operation and compliance with safety regulation.

Automatic tension control system

Fully automatic six axis's tension system ensures stable media feeding and rewinding as well as cutting accuracy. And the simple control panel buttons help saftey and easy operation.

Multiple cutting heads

Multiple (2~4) cutting heads ensure the cutting speed and high productive of labels. It is optimizes the operation steps and it helps to improve the safe operation. The distance between cutting heads is adjusted automatcally by exclusive cutting software.

Easy and simple operation

Simple buttons help each tension control and one touch start operation.

Safety cover

Equipped with a safety cover for the user's safe operation and compliance with safety rules.

DUOBLADE WX I & DUOBLADE WX I MAX

The most ideal digital blade cutter alternative to laser cutter

Supporting both of Roll to Sheet & Roll to Roll

FASTER THAN EVER

- **All-In-One solution**
  Lamination, Rewinder for the Lamination Backing, matrix removal, slitting, trimming, sheeting
- **Artificial Intelligence applied**
  CCD camera recognizes barcode to select job automatically
  Distance between heads can be adjusted automatically by job data
- **Trajectory Optimization**
  It automatically calculates optimal usage of heads in each step of cutting for a specific job
- **9M/min cutting speed (10cm x 10cm rectangles)**
  DUOBLADE WX I has single station with 4 heads as default
  * DUOBLADE WX I MAX has single station with 6 heads
  * DUOBLADE WX II is double station model (8 heads defailt, 12 heads for max)
- **Max. 350mm x 600mm size label cutting**
- **Embedded PC with big LCD touch scree**

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DuoBlade WXII

DOUBLE STATION, DOUBLE SPEED. NO MORE LASER CUTTER

- Knife does not leave burnt marks or swollen edges.
- Lami, die-cut, waste removal, slit, strip and sheet cut
- Penumatic tension control for every roll and bar
- 8 cutting heads in 2 stations maximize production rate
- Automatic job change by reading job code by CCD

DuoBlade SF

DIGITAL LABEL FINISHER FOR ROLL TO PIECE MAKE CARD OR FULL-CUT STICKERS FROM THE ROLL

BST web guide
Laminating module is included
Intelligent software helps automatic job change
Head distance can be adjusted automatically.
Full-cut and creasing can be done at the same time to make folding cartons
Different tools can be used together, like full-cut+half-cut or full-cut+creasing
Full-cut and half-cut can bed one simultaneously to produce easy-peel stickers

DARUI SERIES

Laser Die-cutter

Laser Die-cutter J3

Equipments Features

- can save mostly the cost for cutting board and adjusting testing materials
- Fully automated computer controlled
- Lamination, die cutting, waste discharge, slitting sheets etc
- Fastly running order
- Accessories

Digital die-cutter

Digital die-cutter S4

Digital die-cutter S5

Digital die-cutter S7

Accessories

High speed sheet cutter Q1

- 350 pcs/min at highest speed
- Mark tracking and fixed length mode
- Multi function touch control, easy to operate
- Single machine and joint machine mode

Food Safe Labels

VIP Color label printers use non-toxic aqueous dye inks that is safe for indirect-contact food labels, such as:

- Meat
- Salad, Sandwich
- Ice cream, sweats
- Milk, juices

Automatic label reel lifter

- Operating panel
- Height limiter
- Feeding shaft

Manual label reel lifter

- Fixed Caster
- Rocker
- Feeding shaft

Accessories

- Manual & Automatic Reel Lifter

Manual Automatic

- LS-320RS Label Rewinder & Slitter

- AMD 8025, AMD 360D & Digital Foiler

AMD8025 AMD360D

Consumables

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Thank you!

Your Success is Our Success

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