KENT

www.kentpp.com

40 years solid foundation and experience, KENT is your loyal partner,
we treasure our relationship as well as business.

109P-0715

KENT

GREEN PAD PRINTING

KENT, 4 decades experience, we are your one-stop pad printing complete solution provider.

Found in 1975, KENT is the first pad printing machine manufacturer in Hong Kong. From the basic pad printing techniques in the 70's, to today's sophisticated, automated advancements, KENT has made recognized contributions to the pad printing industry, as well as consummable product industry. A global sales & service network has well established with agents over 30 countries. KENT's dedication and innovative nature have proven itself a role model in the industry.

Four Sister Companies have provided Products, Solutions and Supports in 5 Continents.

PROFESSIONALISM AND RECOGNITION

KENT's professionalism and devotion to pad printing have been recognized by the industry. Over the years, KENT was honored with numerous industrial awards and holds various international / local patents.

Certification :

- 2010 Certification of ISO 14001:2004 + Cor. 1:2009
- 2006 Certification of ISO 9001:2008 Quality Management Systems Requirements Registration

Green Awards :

- 2010 The Class of Good Eco-product Label of the Hong Kong Awards for Environmental Excellence
- 1999 Eco-Products Award

Industrial Awards :

- 2009 Hong Kong Awards for Industries : Machinery and Machine Tools Design Grand Award
- 1998 Hong Kong Award for Industry : Machinery and Equipment Design Award
- 1991 Governor's Award for Industry Machinery / Equipment Design Competition, Certificate of Merit
- 1989 Governor's Award for Industry Machinery / Equipment Design Competition, Certificate of Merit
- 1988 Hong Kong New Products Competition, Certificate of Merit
- 1986 Hong Kong New Products Competition, New Product Award

Patents :

(HK)	• HK1174481	(CH)	• ZL 2009 1 0131958.3
(CH)	• ZL 2012 2 0462193.9	(GE)	• 10 2009 047 785.3
(GE)	• 20 2013 003 594.3	(HK)	• HK1116331
(HK)	• HK1162839	(HK)	• HK1100622
(USA)	• 13/239,016	(HK)	• HK1082154
(GE)	• 20 2011 103 685.9	(CH)	• ZL 2006 1 0092238.7
(JA)	• 3173070	(HK)	• HK1080273
(CH)	• ZL 2011 2 0313475.8	(CH)	• ZL 98 1 01977.3
(HK)	• HK1123448		

We don't just care about business. We care about the environment our employee work and live. A Green Factory

FACILITY IN KENT GAOYAO FACTORY

KENT's 15,000 sq. meter factory is located in Gaoyao city, Guangdong province, China, occupy 45,000 sq. meter land. The sophisticated, hi-tech architectural design of our factory building gives a unique sense of professionalism to visitor who steps into the complex.


Equipped with 15 state-of-the-art CNC machines


Laser cutting machine


Assembly department


Control circuit assembly


Solvent-free ink storage


Printing plate laser engraving


Clean room


Engineering department


Training room


Showroom


Conference room


Dormitory and recreational facilities

1975 - 2015 KENT Pad Printing Grow Hand-In-Hand With Products Which Improve Our Life In 4 Decades

Brand Logo On Engine Printer

Eye Wear Printer

Full Auto 5 Colors Hand Phone Lens Printing System

8 Colors Shaver Servo Motor Printing System

Car Audio / Navigator Control Panel Printing System

1995

2005

2015

1985

4 Colors Diecast Car Printer

Doll Printer (Conveyor)

PP-29

1975

PP-28

Full Auto Washing Machine Panel Servo Motor Driven Printing System

Full Auto 5 Colors CD & DVD Printing System

Full Auto 6 Colors Golf Ball Printing System

Full Auto IC Pad Printing System

Laser Engraved + 3 Colors Faucet Servo Motor Pad Printing System

6 Colors Cosmetic Nail Printing System

Desktop Stove Control Panel Printing System

PLC Full Auto Video CAM Printing System

Innovative, Precision, Powerful & High stability

KENT set the standard & specification of most pad printing machines and movement in the market, from the very first basic machine in 1975 to the most accurate, and sophisticated pad printing machine in the world 2015.

Custom Built Systems For Different Industry With Comprehensive Solution, Adding Value To Customers

KENT provides comprehensive services ranging from one-stop printing solution, professional consultations, to specialized training. KENT's custom built pad printing systems are widely applied in different industries including: plastics, automobiles, toys, hi-tech electronics, household appliances, mobile phones etc.

KENT's diverse customers are located all over the world. Many of them are popular international brands and enterprises: Mattel, Maisto, Sebu, Cadbury, Sony Ericsson, Nokia, Samsung, Motorola, Blackberry, Sony, Panasonic, Olympus, Canon, HP, Sharp, Sanyo, Toyota, Honda, Mercedes Benz, Ford, BMW, BYD, Harley Davidson, P&G, Gillette, Philips, Siemens, Whirlpool, Braun, ABB, Hoover, Oral-B, Haier, Schneider, Flextronics, Spalding, Dunlop, Nike, Titleist, Srixon golf, Tyco, McDonalds etc.With their support and trust, KENT is highly regarded as the best solution provider in pad printing industry.

More applications are available for each industry

Toy Industry
APRD 545

Medical Industry
APRD 551

Textile Industry
GP100N

Baby Product Industry
APRD 363

Electronics & IC Industry
APRD 558

Circuit breaker

APRD 490

I.C. chips

Stationary Industry
APRD 523

Ball pen

Promotional Item Industry
PROMOTOR-4

Battery Industry
APRD 632

Tools Industry
APRD 575

Golf Ball Industry

APRD 528

Helmet Industry

APRD 590

Eyewear Industry

APRD 513

Faucet Industry

APRD 562

Cosmetic Industry

APRD 460

Safety Mask Industry

APRD 608

Respirator

Home Appliance Industry

APRD 566

Washing machine panel

APRD 589

Vacuum Cleaner

APRD 517

Electric cooker

APRD 456

Stove panel

Computer Product Industry

APRD 463

Computer accessories

APRD 516

Mini memory card

Automobile Industry

APRD 577

Engine cover

APRD 521

Dash-board

APRD 631

Indicator

APRD 633

Vehicle rain brush &
Headlight on/off switch

Digital Product Industry

APRD 445-447

Digital camera

LED Lighting Industry

APRD 584

GREEN PAD PRINTING

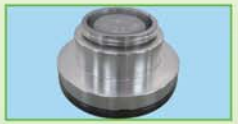
What is Green Pad Printing ?

Kent's award winning "**Green Pad Printing System**" is an innovative pad printing process which employs a number of novel green features each resulting from new technology and engineering advancements. The result is an efficient and environmental friendly pad printing process.

The 5 elements of Green Pad Printing :

1.) Green Cup

New sealed ink cup system reduce ink solvent consumption and cleaning solvent of as much as 90%.



2.) Green Plate

Low cost, environmental-friendly laser engrave printing plates provide great performance high quality prints and save printing cost.

3.) KCTP

Computer-to-Plate laser engraving machine. Eliminates chemical etching, no more films, acids and other chemicals.

4.) UV Ink

UV ink dries instantly when exposed to a UV light source and contains 75% less solvent than conventional solvent base ink. It is the most effective GREEN element to reduce solvent evaporation.

5.) Green Printer

High efficiency pad printing machines that use less labour, less energy and achieve higher quality and productivity.

Why go for Green Pad Printing ?

Green pad printing

Green pad printing minimizes pollution, lower production cost, reduce labour and increase productivity. It is a win-win situation for all parties involved : business owners, factory managers, machine operators and all people who live and work using pad printing machines.

Awareness for pad printing pollution has been raised over the past few years. Many factories have had successful results adapting Green Pad Printing. **Not only did their factories become environmentally conscious, they also saved manufacturing costs up to 40%, changed their corporate image and increased their business by going Green.**

If factory who evaporate tons of solvent into the air, pouring hundreds of liters of toxic chemicals into rivers, polluting our soil, water and air, we will have to pay for the damage someday. If we are not paying in this generation our children will have to pay more.

GREEN INK CUP

 # Patent : ZL 2009 1 0131958.3, HK1123448, 10 2009 047 785.3

Green ink cup *
Clean, lower ink & solvent consumption

- Excellent using hardener-mixed ink
- No ink cup clean when change colour
- Minimum ink consumption
- Inner cup store ink for next job use
- Improvement productivity, low-cost and anti-pollution
- No ink cup cleaning room
- No extra cleaning labours
- No more cleaning solvent
- No chemical disposal
- Avoid medical claims

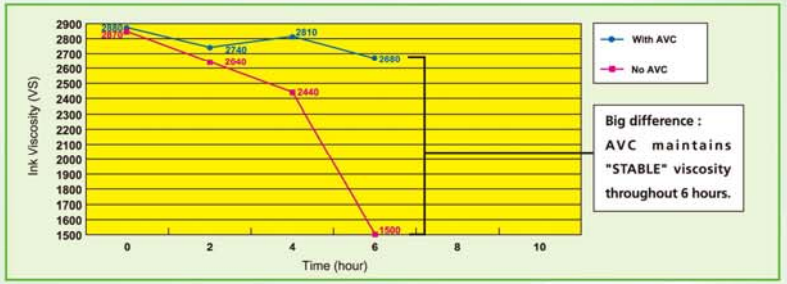
* Registration of Patents on appearance, function of Green Cups and Inner Cups. Legal action will be executed against any imitation and piracy.

AVC AUTOMATIC VISCOSITY CONTROL

 # Patent : ZL 2011 2 0313475.8, 3173070, 20 2011 103 685.9, HK1162839

Smart device keep constant ink viscosity - Peace of mind

- No more solvent add by operator
- No more machine downtime
- Auto control ink viscosity
- Ensure color shade accuracy
- Lengthen 40%-50% ink cup life
- Dramatic reduce print rejection rate



- **KENT AVC truly keep printing ink viscosity stable inside ink cup in EVERY SINGLE MINUTE during the entire 8 hour shift at any production environment.**
- **Ink viscosity kept within 5% as original viscosity at any time.**

Rejects caused by wrong ink viscosity :

HIGH QUALITY INK

TPW

TPE

TPA

TPPU

TPA/GL

TPTM

TPN

TPHF (Halogen Free)

TPQ

TPST (Soft-Touch)

KMI (Mirror)

Bronze & Silver Colour

UV Ink

UV Hard Coating

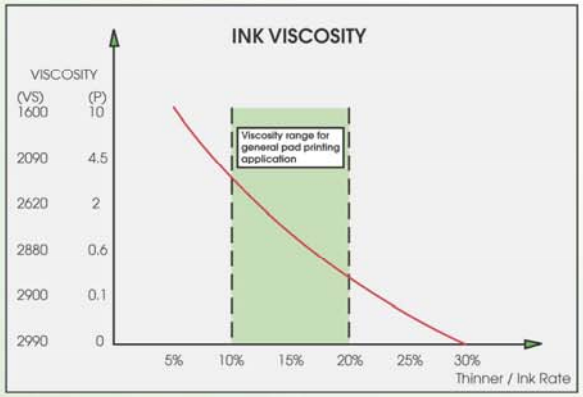
Passed :

- ★ RoHs 2002/95/EC
- ★ EN 71, part 3
- ★ ISO 9001 :2008
- ★ ISO 14001 : 2004
- ★ Green Partner (SONY)

INK VISCOSITY TESTER

In any printing, correct ink viscosity is essential to achieve quality prints. The KVST PLUS helps to monitor the correct ink viscosity consistantly through out production.

- User-friendly : simple sequence
- Digital reading
- LCD screen
- Build-in ink mixing mode
- Build-in 9 color shade memory selections
- Stainless test probe, easy to clean
- Granite stone base for fine, stable measurement



Model: KVST PLUS

Patent : HK1020418

SPECIFICATIONS

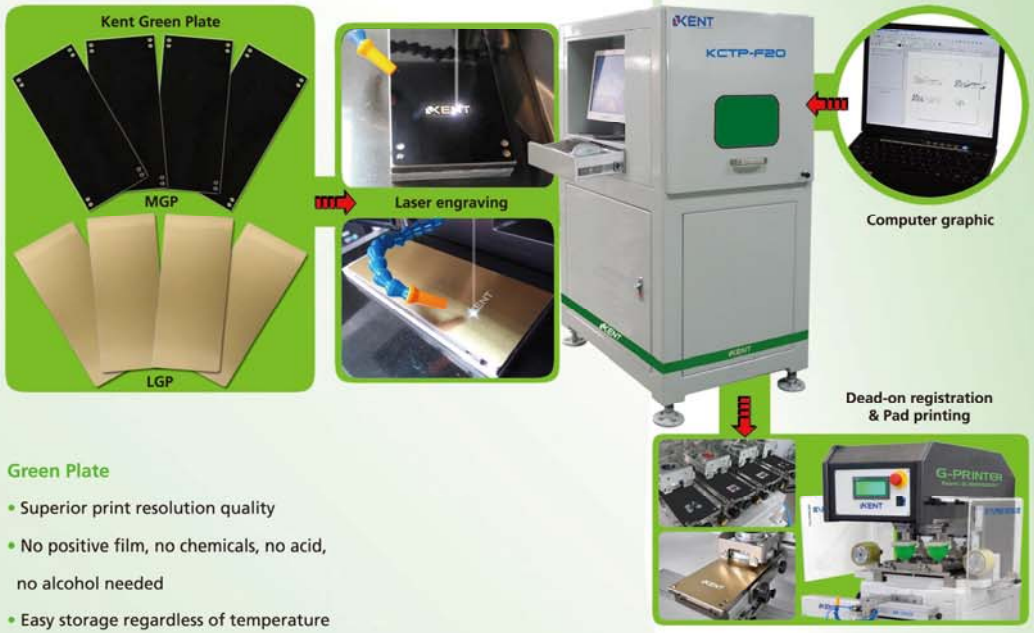
Size (LxWxH) :	430 X 255 X 700 mm
Weight :	30.5 kg (Approx.)
Voltage :	110/220V 50/60 Hz 5W
Measuring value :	0.1 - 10 (P) / 1,600 - 2,900 (VS)

KCTP - LASER ENGRAVE TECHNOLOGY
GREEN PLATE - LASER ENGRAVED PRINTING PLATE

High quality print and Eco-friendly solution for Pad Printing

KCTP laser engraving machine

- Not like ordinary laser marking machine. KCTP is the first laser developed only for pad printing plates engraving
- Using the latest Fiber Optic laser generator
- "Just In Time" no waiting, fast plate making
- Up to 250 lpi image
- Able to handle halftone images
- Precison "dead-on" vacuum engraving platform
- 0-adjustment engraved image
- Adapt to AI, TIFF, JPG, BMP, PLT, EPS files
- Perfect match with KENT Green plate



Green Plate

- Superior print resolution quality
- No positive film, no chemicals, no acid, no alcohol needed
- Easy storage regardless of temperature
- Good for halftone 4 process color images
- Ideal for solid color printing
- Long plate life up to 30,000 prints (depends on image)
- Able to put 2 images per plate to save plate cost

Cost Savings :

- Save up to 50% plate cost (double image)
- Eliminate positive films, exposing, developing and etching cost
- Save all process and labour on chemical etching
- Long plate life
- Save our environment, cutting all chemicals

With KENT Green Pad Printing System (KCTP+Green plate+Green ink cup+Green granite stone pad printer), the end-user's overall pad printing industrial standard be enormously uprising for which 100 years existing obstacles be breakthrough.

PAD

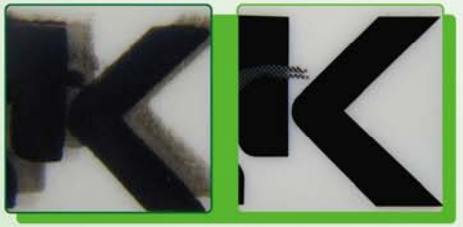
Anti-static Printing Pad

- Anti-static, amazing ink pick up / release ability.
- High elasticity, absorb high printing pressure.
- Long pad life.
- Stable pad hardness.
- Eliminate pinhole, hairline, distortion and ghost shadow problems.

Complete Solution :

Pinhole problem — Printed by Anti-static pad

Hairline problem — Printed by Anti-static pad



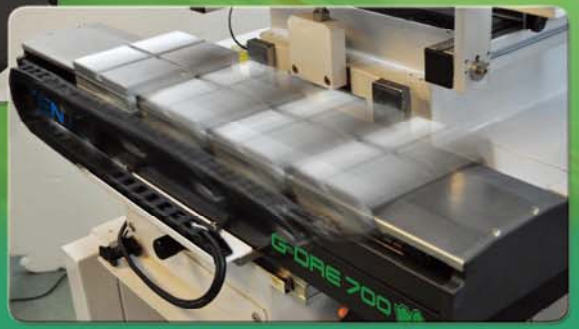
Ghost shadow — Printed by Anti-static pad

Print distortion — Printed by Anti-static pad

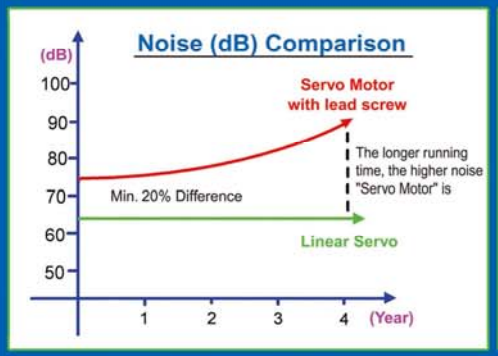
ROBOT AUTOMATION

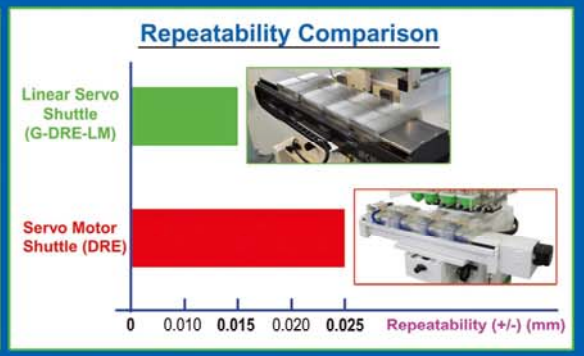
INNOVATION

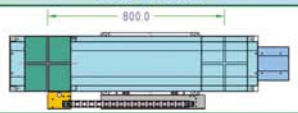
Innovative Application - Linear Servo Driven
Speedy; Precise; Silent Movement



Linear Servo Motor Drive For Precision Fast Quiet Print Positioning

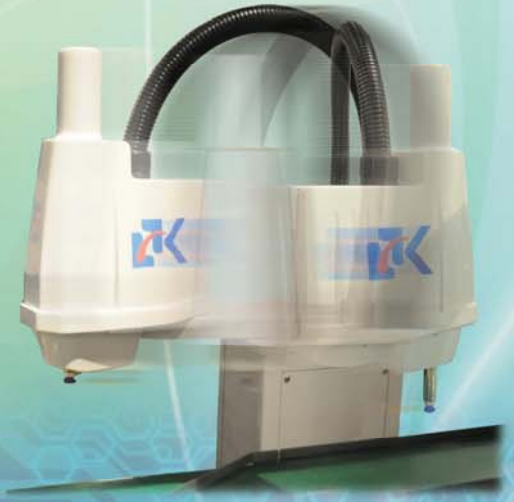




Model :	G-DRE-LM700	DRE-LM800
		
Thrust :	200N	380N
Stroke :	650 mm	800 mm
Max. speed :	2 meter/sec.	2 meter/sec.
Max. loading :	5 kg	15 kg
Structure :	Granite Stone	Heavy steel frame (Granite option)
Weight :	65 kg	70 kg
Application :	PP150, PP150/DRE, PP150-IDS, PP150-IDS/DRE, PROMOTOR-4N, KIPP200-IDS, KIPP200-IDS/DRE, ALPS2000, G-TURBO350, G-TURBO350-IDS	KIPP200-IDS, KIPP200-IDS/DRE, ALPS2000, G-TURBO650, G-TURBO650-IDS

(Patent : HK1174481, ZL 2012 2 0462193.9, Pending : 20 2013 003 594.3)

KENT Robotic technology provide complete automation solution for printing and assembling



- Simple control and user-friendly
- Affordable price, low operating cost
- Fast job change, no programmer need
- High productivity, less labour cost
- Reliable, durable
- CCD camera parts detection
- Pick and place parts between feeding conveyor and printers, printed product relocation

Applications :

Toy car

Medical parts

Replace vibrating bowl feed

Release and pick by vision sytem

Multi-parts handling

THE GREEN MACHINE FOR FUTURE

(Machine made of Granite Stone)

- Granite stone body (no more over-mining for metal material)
- Green Laser Cliche : No film, no chemical (developer, etching acid, alcohol plate washing)
- Less 100% pollution, less 80% disposal, less CO2 emission, smaller VOC
- Compare with open ink tray, KENT Green System (Green ink cup) able save up to 13 tonnes solvent each year
- Healthy work force, higher productivity, save costs
- Play active role in social obligation

G-TURBO Series

Green Machine - No rust ; High stability ; For precision printing

 # Patent : HK1080273, HK1082154, ZL 2006 1 0092238.7

G-TURBO90S/2

G-TURBO350

G-TURBO650

SPECIFICATIONS

Model :	G-TURBO90S/2 (with 2 color pneumatic shuttle)	G-TURBO350 (with 2 color pneumatic shuttle)	G-TURBO650 (with 4 color digital shuttle)
No. of color :	2	2	4
Ink cup : (mm)	Ø60, 70 & 90 (x 2)	Ø125 & 130 (60, 70 & 90) (x 2)	Ø125 & 130 (60, 70 & 90) (x 4)
Plate size : (mm)	100 x 250 (x 2)	150 x 350 (x 2)	150 x 350 (x 4)
Max. effective printing area : (mm)	Ø80	Ø80	Ø80
Max. speed : (dry cycle) *	900 Cycle / hr.	720 Cycle / hr.	450 Cycle / hr.
Max. pad pressure :	753N x 2	1,178N x 2	1,178N x 4
Pad carriage stroke (in/out) :	180 mm	250 mm	250 mm
Distance between printing position center & ink cup platform front side :	125 mm	170 mm	170 mm
Distance from pad X slide to die-plate surface :	120 mm	160 mm	160 mm
Distance from pad X slide to work table surface :	180 - 320 mm	220 - 445 mm	220 - 470 mm
Distance between printing position center & pad clean front side :	135 mm	188 mm	188 mm
Power :	110/220V	110/220V	110/220V
Air consumption : (Approx.)	160 Litre / min.	122 Litre / min.	290 Litre / min.
Size : (L x W x H)	830 x 760 x 1,480 mm	1,230 x 1,125 x 1,680 mm	1,230 x 1,300 x 1,680 mm
Weight : (Approx.)	270 Kg	535 Kg	856 Kg

* Please note that actual output may be affected by print requirement, ink drying condition, load/unload arrangement, pad stroke speed, pad hardness, production setup, product quality and production control.

HVA Series

High value added series - The most versatile and user-friendly pad printer

HVA-150 HVA-150S/2 HVA-150S/4 HVA-150C/4-5 HVA-150/SCMIC

SPECIFICATIONS

Model :	HVA-150	HVA-150S/2 (with 2 color pneumatic shuttle)	HVA-150S/4 (with 4 color pneumatic shuttle)
No. of color :	1	2	4
Ink cup :	Ø60, 70, 90 & 130 mm	Ø60, 70, 90 & 130 mm x 2	Ø60, 70 & 90 mm x 4
Plate size :	100 x 250, 150 x 300 mm	100 x 250, 150 x 300 mm x 2	100 x 250 mm x 2
Max. effective printing area :	60 x 80 mm	60 x 80 mm	Ø60 mm
Max. speed : (dry cycle) *	1,200 Cycle / hr.	700 Cycle / hr.	500 Cycle / hr.
Max. pad pressure :	1,870N	1,870N	1,870N
Pad carriage stroke (in/out) :	198 mm	198 mm	198 mm
Distance between printing position center & ink cup platform front side :	130 mm	150 mm	150 mm
Distance from pad X slide to die-plate surface :	145 mm	118 mm	118 mm
Distance from pad X slide to work table surface :	160 - 340 mm	160 - 340 mm	160 - 340 mm
Distance between printing position center & pad clean front side :	50 mm	48 mm	48 mm
Power :	110/220V 50/60Hz 30W	110/220V 50/60Hz 30W	110/220V 50/60Hz 30W
Air consumption : (Approx.)	230 Litre / min.	130 Litre / min.	90 Litre / min.
Size : (L x W x H)	890 x 580 x 1,510 mm	890 x 635 x 1,510 mm	890 x 860 x 1,510 mm
Weight : (Approx.)	150 Kg	160 Kg	170 Kg

* Please note that actual output may be affected by print requirement, ink drying condition, load/unload arrangement, pad stroke speed, pad hardness, production setup, product quality and production control.

PP21N Series

Standard Models

PP21N PP21NS/2 PP21NC/2 PP21N-PPS/2

SPECIFICATIONS

Model :	PP21N	PP21NS/2 (with 2 color pneumatic shuttle)	PP21N-PPS/2 (with pneumatic pad shuttle)
No. of color :	1	2	2
Ink cup :	Ø60, 70 & 90 mm	Ø60, 70 & 90 mm x 2	Ø60, 70 & 90 mm x 2
Plate size :	100 x 250 mm	100 x 250 mm x 2	100 x 250 mm x 2
Max. effective printing area :	40 x 60 mm	40 x 60 mm	40 x 60 mm
Max. speed : (dry cycle) *	1,800 Cycle / hr.	850 Cycle / hr.	850 Cycle / hr.
Max. pad pressure :	750N	750N	750N
Pad carriage stroke (in/out) :	148 mm	148 mm	148 mm
Distance between printing position center & ink cup platform front side :	98 mm	98 mm	98 mm
Distance from pad X slide to die-plate surface :	130 mm	82 mm	72 mm
Distance from pad X slide to work table surface :	150 - 285 mm	150 - 285 mm	150 - 285 mm
Distance between printing position center & pad clean front side :	38 mm	38 mm	30 mm
Power :	110/220V 50/60Hz 20W	110/220V 50/60Hz 20W	110/220V 50/60Hz 20W
Air consumption : (Approx.)	128 Litre / min.	71 Litre / min.	71 Litre / min.
Size : (L x W x H)	740 x 624 x 1,414 mm	740 x 700 x 1,414 mm	810 x 810 x 1,414 mm
Weight : (Approx.)	120 Kg	128 Kg	140 Kg

* Please note that actual output may be affected by print requirement, ink drying condition, load/unload arrangement, pad stroke speed, pad hardness, production setup, product quality and production control.

PP150 Series

Standard Models

PP150 PP150S/2 PP150C/4-6 PP150/G-DRE PP150/SCMIC

SPECIFICATIONS

Model :	PP150	PP150S/2 (with 2 color pneumatic shuttle)	PP150C/4-6 (with 4-6 color pneumatic conveyor)	PP150/G-DRE (with 2-6 color Linear Servo shuttle)	PP150/SCMIC (Side-way ink cup)	
No. of color :	1	2	4 - 6	2 - 6	1	
Ink cup : (mm)	Ø60, 70, 90, 125 & 130	Ø60, 70 & 90 (x 2)	Ø60, 70 & 90 (x 4 - 6)	Ø60, 70 & 90 (x 2 - 6), 125 & 130 (x 2)	Ø90	Ø125, 130
Plate size : (mm)	100 x 250, 150 x 300	100 x 250 (x 2)	100 x 250 (x 4 - 6)	100 x 250 (x 2 - 6), 150 x 300 (x 2)	125 x 420 - 620	150 x 550 - 750
Max. effective printing area : (mm)	Ø120	Ø80	Ø80	Ø120	80 x 350	110 x 400
Max. speed : (dry cycle) *	1,200 Cycle / hr.	700 Cycle / hr.	800 - 1,200 Cycle / hr.	500 - 700 Cycle / hr.	1,000 Cycle / hr.	
Max. pad pressure :	1,870N	1,870N	1,870N	1,870N	1,870N	
Pad carriage stroke (in/out) :	248 mm	248 mm	248 mm	248 mm	248 mm	
Distance between printing position center & ink cup platform front side :	180 mm	180 mm	180 mm	180 mm	-	
Distance from pad X slide to die-plate surface :	155 mm	133 mm	133 mm	133 mm	-	
Distance from pad X slide to work table surface :	160 - 445 mm	180 - 330 mm	180 - 330 mm	180 - 280 mm	-	
Distance between printing position center & pad clean front side :	92 mm	92 mm	92 mm	92 mm	-	
Power :	110/220V 50/60Hz 50W	110/220V 50/60Hz 50W	110/220V 50/60Hz 50W	220V 50/60Hz 300W	110/220V 50/60Hz 50W	
Air consumption : (Litre / min.) (Approx.)	228	228	228	228	140	400
Size : (L x W x H) (mm)	995 x 690 x 1,606	995 x 720 x 1,606	995 x 1,180 x 1,606	995 x 1,050x 1,606	995 x 1,030 x 1,606	
Weight : (Approx.)	170 kg	178 kg	212 kg	242 kg	205 kg	215 kg
Side-way ink cup travel :					300, 350, 400, 450, 500 mm	400, 450, 500, 550, 600 mm

* Please note that actual output may be affected by print requirement, ink drying condition, load/unload arrangement, pad stroke speed, pad hardness, production setup, product quality and production control.

PP150-IDS Series

Heavy duty PP 150 size machine

PP150-IDS PP150-IDS/CE PP150-IDS/G-DRE PP150-IDS/SCMIC

SPECIFICATIONS

Model :	PP150-IDS	PP150-IDS/CE (with 2-6 color digital conveyor)	PP150-IDS/G-DRE (with 2-6 color Linear Servo shuttle)	PP150-IDS/SCMIC (Side-way ink cup)	
No. of color :	1	2 - 6	2 - 6	1	
Ink cup : (mm)	Ø60, 70, 90, 125 & 130	Ø60, 70, 90 (x 2 - 6) 125 & 130 (x 2)	Ø60, 70, 90 (x 2 - 6), 125 & 130 (x 2)	Ø90	Ø125, 130
Plate size : (mm)	100 x 250, 150 x 300	100 x 250 (x 2 - 6) 150 x 300 (x 2)	100 x 250 (x 2 - 6) 150 x 300 (x 2)	125 x 420 - 620	150 x 550 - 750
Max. effective printing area : (mm)	Ø120	Ø120	Ø120	80 x 350	110 x 400
Max. speed : (dry cycle) *	1,300 Cycle / hr.	800 - 1,300 Cycle / hr.	500 - 840 Cycle / hr.	1,100 Cycle / hr.	
Max. pad pressure :	1,870N	1,870N	1,870N	1,870N	
Pad carriage stroke (in/out) :	248 mm	248 mm	248 mm	248 mm	
Distance between printing position center & ink cup platform front side :	180 mm	180 mm	180 mm	170 mm	
Distance from pad X slide to die-plate surface :	180 mm	155 mm (Ø60, 70, 90) 165 mm (Ø125, 130)	155 mm (Ø60, 70, 90) 165 mm (Ø125, 130)	205 mm	
Distance from pad X slide to work table surface :	190 - 440 mm	200 - 450 mm	160 - 400 mm	190 - 440 mm	
Distance between printing position center & pad clean front side :	92 mm	92 mm	92 mm	92 mm	
Power :	220V	220V	220V	220V	
Air consumption : (Approx.)	150 Litre / min.	150 Litre / min.	150 Litre / min.	150 Litre / min.	
Size : (L x W x H) (mm)	1,160 x 915 x 1,606	1,350 x 1,210 x 1,606	1,190 x 1,050 x 1,606	1,160 x 915 x 1,606	
Weight : (Approx.)	415 kg	447 kg	490 kg	425 kg	440 kg
Side-way ink cup travel :				300, 350, 400, 450, 500 mm	400, 450, 500, 550. 600 mm

* Please note that actual output may be affected by print requirement, ink drying condition, load/unload arrangement, pad stroke speed, pad hardness, production setup, product quality and production control.

KIPP200-IDS

Offers most of the features of PP series pad printer yet at an affordable price

Optional models :

- KIPP 200-IDS-S/2 (2 color with pneumatic shuttle)
- KIPP 200-IDS-C/4-6 (4-6 color with pneumatic conveyor)
- KIPP 200-IDS/G-DRE (2-6 color with Linear Servo shuttle)
- KIPP 200-IDS/SCMIC (Side-way ink cup)

SPECIFICATIONS

No. of color :	1 - 6
Ink cup :	Ø90, 125, 130 & 150 mm
Plate size :	100 x 250, 150 x 300 mm
Max. effective printing area :	Ø140 mm
Max. speed : (dry cycle) *	1,000 Cycle / hr. (one color)
Max. pad pressure :	3,016N
Pad carriage stroke (in/out) :	298 mm
Distance between printing position center & ink cup platform front side :	200 mm
Distance from pad X slide to die-plate surface :	240 mm
Distance from pad X slide to work table surface :	187 - 470 mm
Power :	110/220V 50/60Hz 50W
Air consumption : (Approx.)	400 Litre / min.
Size : (L x W x H)	1,200 x 1,000 x 1,750 mm
Weight : (Approx.)	430 Kg

ALPS2000SV

Steel welded structure for complete solution applications such as computer keyboards, IC chips and much more

Optional models :

- ALPS 2000PP
- ALPS 2500
- ALPS 3000

SPECIFICATIONS

No. of color :	1 - 6
Ink cup :	Ø60, 70, 90, 125, 130 & 150 mm
Plate size :	100 x 250, 150 x 300, 180 x 350 mm
Max. effective printing area :	Ø140 mm
Max. speed : (dry cycle) *	1,000 Cycle / hr. (one color)
Max. pad pressure :	1KW Servo motor
Pad carriage stroke (in/out) :	298 mm
Distance between printing position center & ink cup platform front side :	230 mm
Distance from pad X slide to die-plate surface :	235 mm
Distance from pad X slide to work table surface :	272 - 436 mm
Power :	220V
Air consumption : (Approx.)	400 Litre / min.
Size : (L x W x H)	1,170 x 1,100 x 1,810 mm
Weight : (Approx.)	560 Kg

* Please note that actual output may be affected by print requirement, ink drying condition, load/unload arrangement, pad stroke speed, pad hardness, production setup, product quality and production control.

KSD Series

Precision servo-drive printers

Optional models :

- KSD90-2/TT-M (2 station motor drive turntable)
- KSD90-2/TT-P (2 station pneumatic turntable)
- KSD130-2/TT-M (2 station motor drive turntable)
- KSD130-2/TT-P (2 station pneumatic turntable)

KSD90-2/TT-P

KSD130-2/TT-P

KSD165

G-KSD200

SPECIFICATIONS

Model :	KSD90	KSD130	KSD165	G-KSD200
No. of color :	1	1	1	1
Ink cup :	Ø90 mm	Ø125, 130 mm	Ø165 mm	Ø200 mm (165 & 180)
Plate size :	100 x 250 mm	150 x 300 mm	200 x 400 mm	250 x 450 mm
Max. effective printing area :	Ø80 mm	Ø120 mm	Ø155 mm	Ø190 mm
Max. speed : (Dry cycle) *	1,500 cycle / hr.	1,200 cycle / hr.	600 cycle / hr.	600 cycle / hr.
Max. pad pressure : (Servo motor)	400W	1KW	1500W	2000W
Pad carriage stroke (in/out) :	138 mm	158 mm	200 mm	250 mm
Distance from pad X slide to die-plate surface :	158 mm	150 mm	168 mm	190 mm
Distance from pad X slide to work table surface :	217 - 500 mm	212 - 500 mm	375 - 625 mm	490 mm
Power :	220V 2KW	220V 2KW	220V 2.5KW	220V 3KW
Air consumption : (Approx.)	40 Litre / min.	40 Litre / min.	40 Litre / min.	40 Litre / min.
Size : (L x W x H) (mm)	1,150 x 700 x 1,800	1,150 x 700 x 1,810	900 x 1,100 x 2,000	900 x 1,100 x 2,100
Weight : (Approx.)	220 Kg	260 Kg	675 Kg	800 Kg

* Please note that actual output may be affected by print requirement, ink drying condition, load/unload arrangement, pad stroke speed, pad hardness, production setup, product quality and production control.

TURBO Series

For bigger part print

TURBO90 TURBO125HVA TURBO165 TURBO200

SPECIFICATIONS

Model :	TURBO90	TURBO125HVA	TURBO165	TURBO200
No. of color :	1	1	1	1
Ink cup : (mm)	Ø60, 70 & 90	Ø125, (60, 70, 90 & 130)	Ø165, (60, 70, 90, 125, 130 & 150)	Ø195, (90, 125, 130, 150 & 165)
Plate size :	100 x 250 mm	150 x 300 mm	200 x 400 mm	250 x 450 mm
Max. effective printing area :	Ø80 mm	Ø115 mm (Ø120)	Ø155 mm	Ø185 mm
Max. speed : (dry cycle) *	1,100 cycle / hr.	900 cycle / hr.	850 cycle / hr.	800 cycle / hr.
Max. pad pressure :	1,178N	1,870N	3,016N	7,360N
Pad carriage stroke (in/out) :	137 mm	197 mm	297 mm	360 mm (servo)
Distance between printing position center & ink cup platform front side :	90 mm	110 mm	200 mm	250 mm
Distance from pad X slide to die-plate surface :	96 mm	120 mm	190 mm	330 mm
Distance from pad X slide to work table surface :	205 - 325 mm	220 - 425 mm	286 - 526 mm	380 - 660 mm
Distance between printing position center & pad clean front side :	110 mm	136 mm	185 mm	245 mm
Power :	110/220V	110/220V	110/220V	110/220V
Air consumption : (Approx.)	118 Litre / min.	230 Litre / min.	540 Litre / min.	2,340 Litre / min.
Size : (L x W x H)	662 x 600 x 1,500 mm	966 x 810 x 1,560 mm	1,115 x 900 x 1,730 mm	1,370 x 900 x 1,980 mm
Weight : (Approx.)	150 Kg	180 Kg	500 Kg	840 Kg

* Please note that actual output may be affected by print requirement, ink drying condition, load/unload arrangement, pad stroke speed, pad hardness, production setup, product quality and production control.

Global Network

KENT has established sister companies and agents in over 30 countries across North America, Europe, Asia and the South Pacific. KENT aims to provide our global customers the best service and technology in pad printing.

Sister companies and associate agents

Austria	MAG-Motoren Ges.m.b.H.
Australia	Milford Astor Printing Systems.
Brazil	Trausi Indústria E Comércio Ltda.
Canada	KENT Pad Printer Canada Inc.
China	KENT Dongguan
	KENT Shanghai
	KENT Tianjin
	KENT Zhaoqing
Croatia	Marsa d.o.o.
Czech Republic	Visma s.r.o.
France	KENT France Sarl
Germany	KENT Stuttgart GmbH
Hong Kong	KENT Engineering Co., Ltd.
Hungary	KENT Hungary Kft.
Israel	Multipack Ltd.
Italy	Marabu Italia s.a.s
Japan	Mino International Ltd.
Malaysia	Krisdara Technics Sdn. Bhd.
Mexico	Industrial Pad Printing Supplies S. de R.L. MI.
Poland	KENT Polska Sp.z.o.o.
Portugal	Ideiaprint - Gustavo Rebelo
Romania	EDCG Electronic Design & Consulting Group
Russia	KENT-RUS-Slavprint
Scandinavia	Spacio AB
Serbia	Destefiko d.o.o.
Slovakia	KENT Slovakia S.R.O.
South Korea	Seokwang Commercial Co. Ltd.
Spain	Seinse KENT , S.L.
Taiwan	Taiwan Mino Group Co. Ltd.
Thailand	Chaiscreen Machinery Co., Ltd.
Turkey	Serimak Ltd.
U. K.	Tampo Ltd.
U. S. A.	Diversified Printing Techniques Inc.

KENT will continue effort and offer the best in pad printing industry. We stand ready to serve you.