CoLiDo™

dream it. FEEL IT.

CoLiDo™ 3D Printers

Limitless creativity at your fingertips

Global Master Distributor of PRINT-RITE Imaging Products

Union Technology International (MCO) Co.,Ltd

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CoLiDo™

Colido YouTube Colido 3D

www.colido.com

CoLiDo™

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The CoLiDo™ Story

01

CoLiDo™ is inextricably linked with Print-Rite, one of the world's leading print consumable companies that is always synonymous with quality, reliability and affordability. Leveraging Print-Rite's proven manufacturing capabilities, extensive engineering experience, and the core values from building the successful brand 'Print-Rite', CoLiDo™ was created to satisfy customers who are looking for user-friendly, well-performing, and cost-effective 3D printers and filaments.

Pursuit of Sustainable Values

Customer satisfaction is a key driver for our continuous improvements and innovations. To address diverse customer needs, CoLiDo™ laboratories conduct rigorous research and development.

Our goals are simple – We spearhead industry development and strengthen competitiveness whilst delivering high standards and delivering quality and technological breakthroughs.

Ultimately, we endeavor to deliver a one-stop-shop experience to all users - from beginners and hobbyists to professional makers and partners who foster innovations and creativity for wider applications.

… dream it. FEEL IT.

Beauty of CoLiDo™

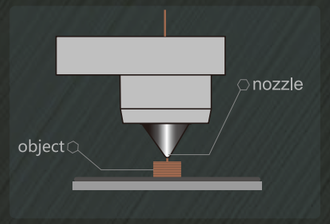
02

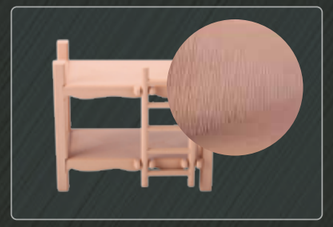
CoLiDo™ offers a series of powerful yet affordable 3D printing solutions that allow you to create 3D prints on demand, anytime, anywhere. CoLiDo™ facilitates the customization of your real models derived from digital files.

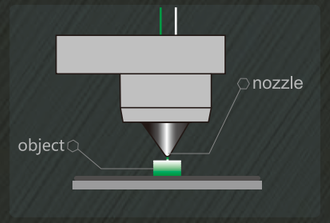
03

FDM Technology

Fused Deposition Modeling (FDM) is one of the technologies used for 3D printing. It prints parts layer by layer from the bottom up.







04

Advantages of CoLiDo™

- Two Colors or Materials in One Single Print
- Easy and Clean
- Various Build Sizes
- Light and Quiet
- Fun, Simple, and Stimulating
- Best-of-Breed Printing Materials

Two Colors or Materials in One Single Print

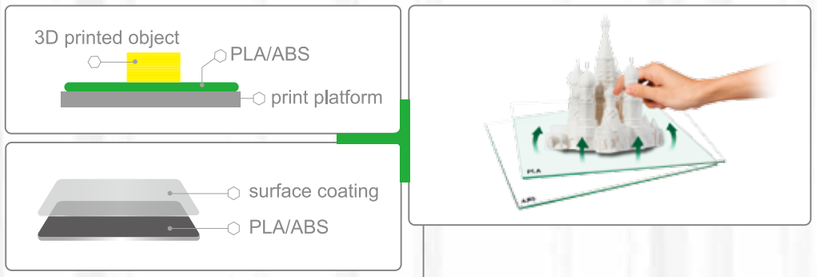
Opening Up New Possibilities for Many More Striking Combinations.

Equipped with only 1 nozzle, our CoLiDo™ Duo 3D printers makes it possible for you to produce 2 colors or 2 materials in a single print, or to mix & melt the colors or materials together to create a brand new combination, and with quicker speed.

Easy and Clean

The Easiest Way to Remove 3D Objects from a Glass Platform.

CoLiDo's patented glass platform allows easy removal of printed objects. No spatula or glue required, just remove the 3D objects with your bare hands without any difficulty.

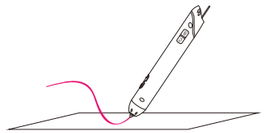


Various Build Sizes

Tailored to Meet Any Industry's Diverse Requirements.

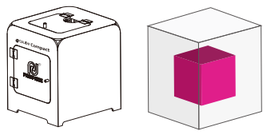
CoLiDo™ understands there is no one-size-fits-all solution. So, we give you greater flexibility to choose from build sizes of up to 1m x 1.5m in diameter to address your needs across home, school and business environments.

CoLiDo™ 3D pen



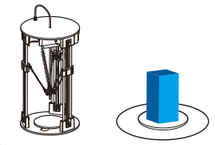
Max. Print Size (L*W*H) : unlimited

CoLiDo™ Compact



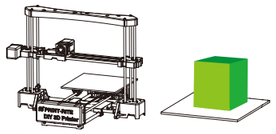
Max. Print Size (L*W*H) : 130* 130* 130 mm

CoLiDo™ Delta D1315



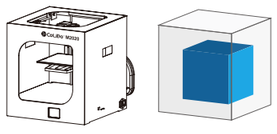
Max. Print Size (L*W*H) : 130* 130* 150mm

CoLiDo™ DIY



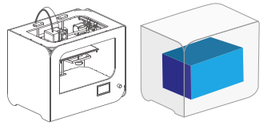
Max. Print Size (L*W*H) : 200* 200* 170 mm

CoLiDo™ M2020



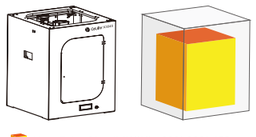
Max. Print Size (L*W*H) : 200* 200* 200 mm

CoLiDo™ 3.0 / 3.0 Duo



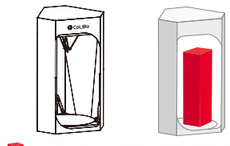
Max. Print Size (L*W*H) : 225* 145* 140 mm

CoLiDo™ X3045 / X3045 Duo



Max. Print Size (L*W*H) : 300* 300* 450 mm

CoLiDo™ Mega



Max. Print Size (L*W*H) : 1000* 1000* 1500 mm

Light and Quiet

Providing You with a Smart Choice Quiet Printing, even On-The-Go.

CoLiDo™ is small and quiet enough to fit into your home, school, and office environments. For those who need high mobility, CoLiDo™ 3D pen, CoLiDo™ Compact ,and CoLiDo™ 2.0+ / 3.0 are the best choices. With powerhouses that generate less than 30dB of noise, they are designed for silent and convenient on-the-go print performance.

3D PEN

Fun, Simple, and Stimulating

Turn your Cool Ideas into 3 Dimensions with our Handy 3D Gadgets.

Wherever you are and whatever you like, CoLiDo™ 3D pen gives you complete control over your inventions. Let your drawing stand on any surface.

- **Portable** — Creates 3D designs anywhere, anytime.
- **Ease-of-Use** — Works like a regular pen. No software installation or PC connection is required.
- **High Quality** — Ensures smooth and seamless 3D drawing.
- **Safe** — Auto-retracts to prevent accidentally touching the heated nozzle.
- **Eco-Friendly** — Non-toxic and biodegradable filament.

Delta D1315

Move Fast with your Ideas.

Developed with simplicity in mind, our Delta D1315 has advantages of less complicated construction, non-moving build platform, as well as lighter moving parts, which add up to ensure high-speed and smooth prints as compared with typical Cartesian-based 3D printers. Simultaneously, CoLiDo™ D1315 requires no calibration, enabling users, especially novices, to enjoy hassle-free printing with just a few clicks away!

CoLiDo™ DIY

Scalable and Fully Responsive to your Diverse Printing Needs.

Our DIY 3D printer is made up of 6 modules only. With maker's mindset like yours, we know you enjoy a variety of experiences to do-it-yourself, to explore, discover and make a capable 3D printer your own way, thus we prepared a test bed to push your boundaries for many more amazing creations and breakthroughs.

Best-of-Breed Printing Materials

Quality Prints and Peace of Mind Guarantee.

ABS and PLA are the two commonly used 3D printing materials. Each of them has its own unique characteristics and benefits. Components of our ABS, PLA & TPU materials are manufactured using our proprietary formula that is REACH and RoHS compliant.

To add value to your prints, CoLiDo™ offers a wide array of standard and custom color options to enable you to deliver both natural and vivid color combinations while guaranteeing the best possible quality performance.

Tech Spec of Filament

Filament	ABS	PLA	Translucent PLA	Wood PLA	Luminous PLA	Temperature Change PLA	Flexible	ABS for 3D Pen	PLA for 3D Pen
Material	ABS	PLA					TPU	ABS	PLA
Nozzle Temperature	220°C - 230°C	190°C - 210°C	190°C - 210°C	190°C - 210°C			210°C - 230°C	220°C - 230°C	190°C - 210°C
Platform Temperature	100°C - 110°C	60°C - 70°C						/	/
Diameter	∅1.75mm							∅1.75mm / ∅3mm	
Tolerance	±0.03mm		±0.03mm	±0.05mm	±0.05mm	±0.05mm	±0.05mm	±0.05mm	±0.03mm
Weight	1kg / 500g				500g		1kg / 500g	/	
Packing	Spool (1kg or 500g) / Cartridge (500g)							Roll / Bag	
Color								Same as ABS filament	Same as PLA filament

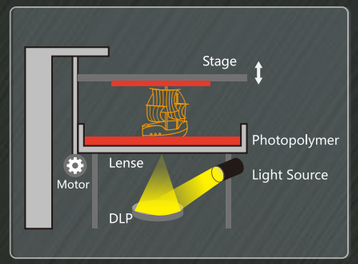
05 Specifications & Features

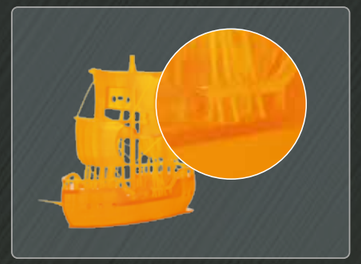
MODELS	CoLiDo™ 3D pen	CoLiDo™ Compact	CoLiDo™ D1315	CoLiDo™ DIY	CoLiDo™ M2020
PRINT TECHNOLOGY	FDM				
Frame	Aluminium	Acrylic	Steel	Steel & Plastic	Steel
Color	Grey	Transparent	Blue	Yellow	Black
SPECIFICATIONS & FEATURES					
Layer Resolution (mm)	/	0.1-0.4	0.05	0.1-0.4	
Position Accuracy	/	Z: 0.011mm	XYZ: 0.011mm	XY: 0.011mm Z: 0.0025mm	
Nozzle Diameter (mm)	0.7	0.4			
Build Size (L*W*H / D*H)	/	130* 130* 130 mm	130* 150 mm (D*H)	200* 200* 170 mm	200* 200* 200 mm
Print Speed (mm/s)	/	30 - 120	360	30 - 120	
Coated Glass Platform	X	X	X	X	√
LCD Display	X	X	X	X	√
Built-in Light	X	X	X	X	√
Pause >>> Resume Print	X	√	X	√	√
DIMENSIONS(L*W*H / D*H)	23* 20* 170 mm	276* 318* 343 mm	250* 445 mm (D*H)	525* 480* 368 mm	430* 430* 475 mm
WEIGHT (KG)	0.385	7	4.5	5.7	22.5
PRINT MATERIALS					
Material [1.75mm]	ABS, PLA PLA translucent	PLA, PLA wood, PLA translucent			ABS, PLA, PLA wood, PLA translucent, TPU
Material Color					
CONNECTIVITY					
Operating System	/	Windows 7 or above, MAC OS			
Software	/	Print-Rite Repetier-Host			
File Format	/	STL, G-code			
USB	X	√	√	√	√
SD Card	X	X	X	X	√
Wifi & Webcam	X	X	X	X	X
OTHERS					
Nozzle Temperature	ABS: 220°C PLA: 205°C	PLA: 205°C			ABS & TPU: 220°C PLA: 205°C
Heated Platform Temperature	/	/	/	/	ABS: 110°C PLA & TPU: 70°C
Storage Temperature	0°-40°C [32°-104°F]	0°-32°C [32°-90°F]			
Ambient Operating Temp.	0°-40°C [32°-104°F]	15°-32°C [60°-90°F]			
Power Supply	DC 5 V	DC 12V		110 - 240 V 50/60 Hz	
	10 W	60 W	30 W	60 W	280 W
Certification	CE, FCC	CE, FCC,WEEE	CE, FCC	CE, FCC, C-Tick, WEEE	CE, FCC,WEEE

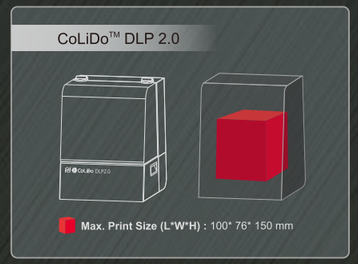
MODELS	CoLiDo™ 3.0	CoLiDo™ 3.0 Duo	CoLiDo™ X3045	CoLiDo™ X3045 Duo	CoLiDo™ Mega	CoLiDo™ DLP 2.0
PRINT TECHNOLOGY	FDM					DLP
Frame	Acrylic	Acrylic	Steel	Steel	Steel & Aluminum	Steel
Color	Transparent	Transparent	Black	Black	Black	Black
SPECIFICATIONS & FEATURES						
Layer Resolution (mm)	0.1-0.4				0.1-0.8	0.05
Position Accuracy	XY: 0.011mm Z: 0.0025mm				/	/
Nozzle Diameter (mm)	0.4				0.8	N/A
Build Size (L*W*H / D*H)	225* 145* 140 mm		300* 300* 450 mm		1* 1.5 m (D*H)	100* 76* 150 mm
Print Speed (mm/s)	30 - 120				400	15 (Height)
Coated Glass Platform	√	√	√	√	√	N/A
LCD Display	√	√	√	√	X	X
Built-in Light	√	√	√	√	√	X
Pause >>> Resume Print	√	√	√	√	X	X
DIMENSIONS(L*W*H / D*H)	467* 320* 380mm		530* 530* 690 mm		1.35* 1.35* 3.2 m	280* 410* 520 mm
WEIGHT (KG)	10.5	13.5	43	43.5	320	28
PRINT MATERIALS						
Material [1.75mm]	ABS, PLA, PLA wood, PLA translucent, TPU		ABS, PLA, PLA wood, PLA translucent, TPU		PLA, PLA wood, PLA translucent	Photopolymers
Material Color						
CONNECTIVITY						
Operating System	Windows 7 or above, MAC OS				Windows 7 or above	Windows 7 or above (4GB RAM)
Software	Print-Rite Repetier-Host				CoLiDo Pronterface	PR DLP
File Format	STL, G-code					STL, PRJ, PRL
USB	√	√	√	√	√	√
SD Card	√	√	√	√	X	X
Wifi & Webcam	√(only 3.0 wifi & 3.0 Duo wifi ver)		X	X	X	X
OTHERS						
Nozzle Temperature	ABS & TPU: 220°C PLA: 205°C	ABS: 220°C PLA: 205°C	ABS: 220°C PLA: 205°C	ABS: 220°C PLA: 205°C	PLA: 205°C	N/A
Heated Platform Temperature	ABS: 110°C PLA & TPU: 70°C	ABS: 110°C PLA: 70°C	ABS: 110°C PLA: 70°C	ABS: 110°C PLA: 70°C	PLA: 70°C	N/A
Storage Temperature	0°-32°C [32°-90°F]					
Ambient Operating Temp.	15°-32°C [60°-90°F]					
Power Supply	AC 100-240V 50/60Hz					
	220W		300 W		200 W	280 W
Certification	CE, FCC,WEEE	CE, FCC	CE, FCC,WEEE	CE, FCC	CE, FCC	CE, FCC

DLP Technology

Digital Light Processing, or DLP, is a process of using light source to solidify photopolymer resin into 3D objects. It creates highly accurate prints with excellent resolution.







06

Ultra High Resolution

Delivering Durable, Vibrant and Impeccable Quality Prints.

CoLiDo™ DLP 2.0 creates 3D prints with resolution of up to 0.05mm. Parts produced from our DLP 3D printer are highly precise and accurate. Their surfaces are also smoother as compared with FDM 3D printers. Better yet, the resin we have developed has a fast cure time that helps speed up the whole printing process, bringing customer experience to the next level.

3D Printing Service

Getting your Designs Printed Without Hassle, and at Very Competitive Rates.

Enabled by a robust suite of 3D printers from small to mega sized,consumer-grade to industrial-grade, and printer filaments developed in-house, our 3D print-on-demand service allows you not only to achieve cost advantages but also to print in quantities of even just a single piece, and you benefit from a shorter lead time, faster go-to-market and high flexibility in inventory management as compared with traditional manufacturing.

Designers with models, organizations with rapid prototyping needs, folks with ideas that need help to come to life, simply send us your print instructions and we take care of every step in the process, including printing, post-processing, shipping, and customer service.

Post-Processing Service

Genuine, Beautifully Crafting Awaits!

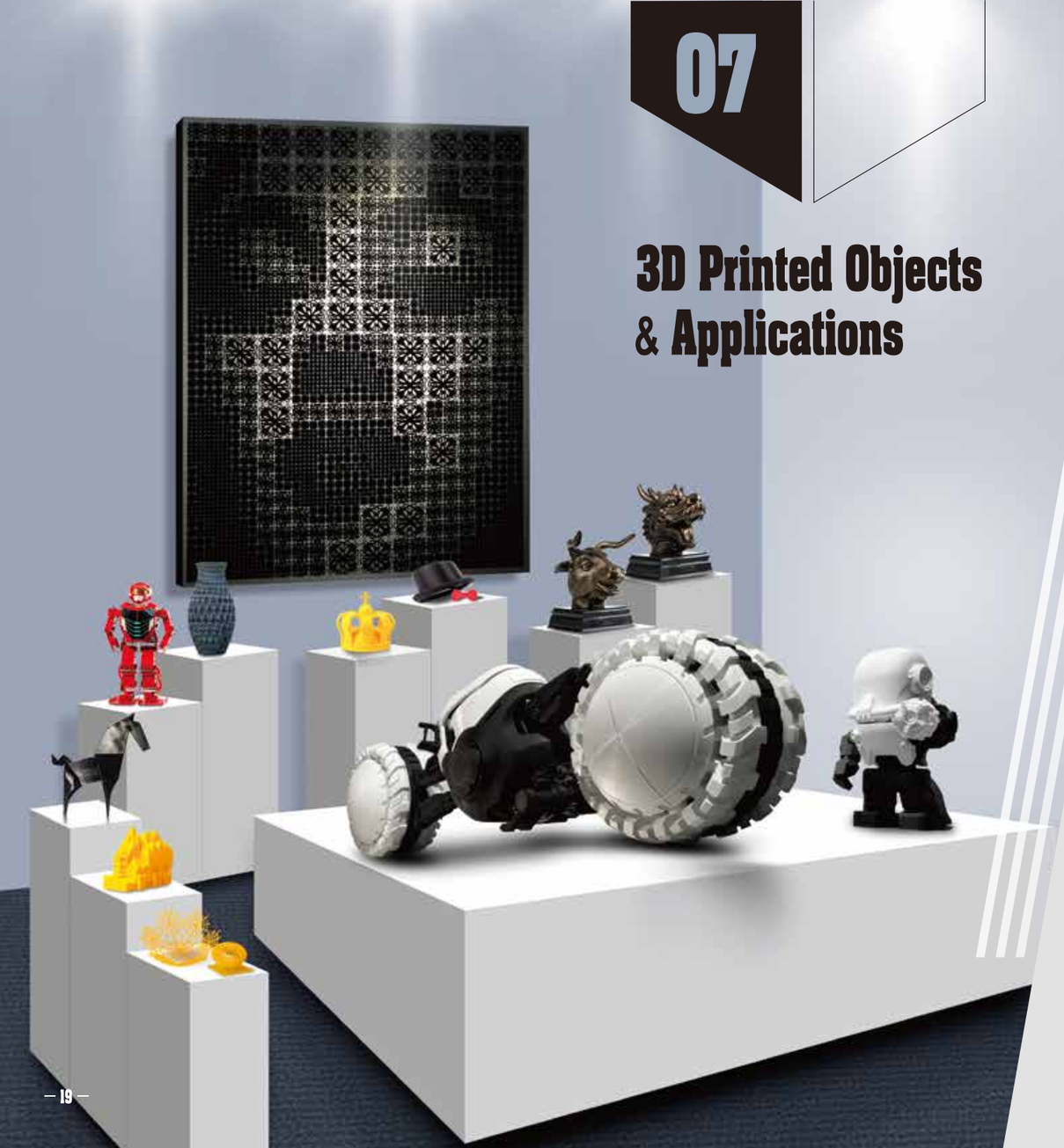
Besides offering 3D printing services, we also offer professional post-processing service, which includes but is not limited to, coloring, polishing, and electro-plating.

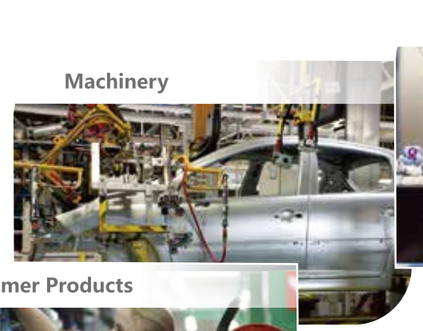
With over a decade of experience in artistry and craftsmanship, we endeavor to deliver the service with high quality and accelerated speed. Most important of all, we are keen to craft and deliver the kind of service that can present the print object as true-to-life as possible.

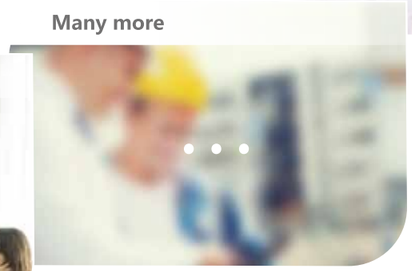
Build Size	up to 400*400*800mm (in one single print)
Resolution	up to 0.05 mm
Materials	metal, nylon, thermoplastic, resin, etc.
Colors	& other customized colors
File format	3D CAD file
Delivery	worldwide

07

3D Printed Objects & Applications







Applications	Home	Industrial Prototyping	Consumer Products	Education	Jewelry	Health & Medical
CoLiDo™ 3D Pen	√		√	√		
CoLiDo™ Compact	√		√	√		
CoLiDo™ Delta D1315	√		√	√		
CoLiDo™ DIY	√		√	√		
CoLiDo™ M2020		√	√	√		
CoLiDo™ 3.0	√		√	√	√	√
CoLiDo™ 3.0 Duo	√		√	√	√	√
CoLiDo™ X3045		√	√	√		
CoLiDo™ X3045 Duo		√	√	√		
CoLiDo™ Mega		√				
CoLiDo™ DLP 2.0				√	√	√

08

Technical Support

Our team is here to help with any technical issues about CoLiDo™.

Please visit www.colido.com for FAQ, troubleshooting videos, tips and tricks, or other technical information of CoLiDo™ products.

For troubleshooting, please contact our support team:
support@colido.com
support_us@colido.com (for United States customers)

Local Support Hotlines:
United States: +1 855 462 1909
United Kingdom: +44 (0) 1773 761246
Hong Kong: +852 2140 3966
China: + 400 8800 222

09

Company at a Glance

Print-Rite is a global print consumables company specializing in the development, manufacture and supply of 3D printers and filaments, ribbons, inks, inkjet cartridges, toner, laser toner cartridges, OPC drums and chips. With over 30 years of experience in print consumables industry, Print-Rite has a well-earned reputation for delivering reliable and cost-effective print consumables all over the world.

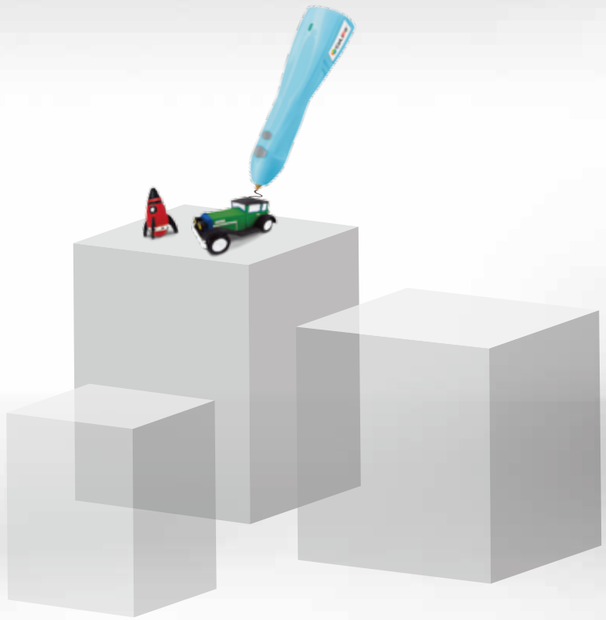
We never stop innovating. Print-Rite has been a forerunner in bringing the 2D to 3D print concept to reality. CoLiDo™– an exceptional brand that delivers a series of robust yet affordable desktop 3D printing solutions to facilitate a journey of limitless possibilities anytime, anywhere.

Fast Facts

Year of Foundation	**1981**
Headquarters	Hong Kong
Industry	Print Consumables, 3D Printing & Supplies
Portfolio	**10,000+** consumable models sold in **120** countries and regions worldwide
Production Capacity	**1.5** million of toner cartridges / month **5** millions of inkjet cartridges / month **6** millions of ribbons / month **400** thousands of copier toner kits / month
Reseller Network	**3,000+**
Gross Floor Area of Workplace	**500,000+** sq. m
R&D Technicians	**800**
Patents	**2,500+**
Certification	ISO 9001, ISO 14001, IECQ HSPM QC 080000, CE, REACH, RoHS

CoLiDo™ X4080

CoLiDo™ 3D Pen LT



MORE PRODUCTS

COMING SOON