

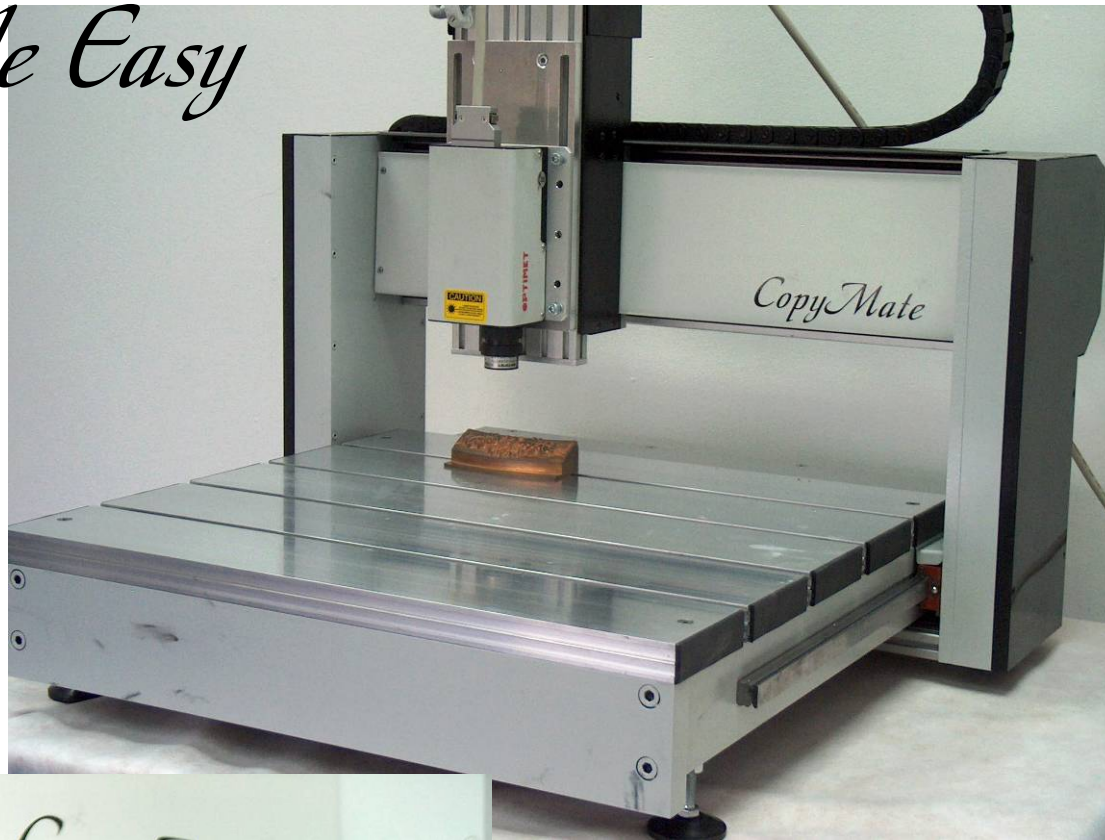


Copy Mate



Part Scanning

Made Easy



Copy Mate



CopyMate Digitizing and Milling Solution

CopyMate is a new approach that makes the complex task of copying a 3D part simple. By utilizing a laser probe, CopyMate scans 3D parts quickly and efficiently.

Data is scanned and automatically converted into a computerized model. CopyMate provides a trouble-free way to edit the model and customize it for production. Scanning and machining are handled by a user-friendly wizard that guides the user through the process of job setup and generating tool paths.

With CopyMate, copying 3D parts is as simple as using a photo-copying machine!

CopyMate main features:

- High speed point cloud collection
- Wide range of machines
- High accuracy
- Data filtering
- Automatic surface generation
- Surface manipulation
- 4th axis scanning (Ring mode)
- Milling 3D and 4th Axis(Optional)
- Tool path management
- Generic toolpath posting
- Laser probe



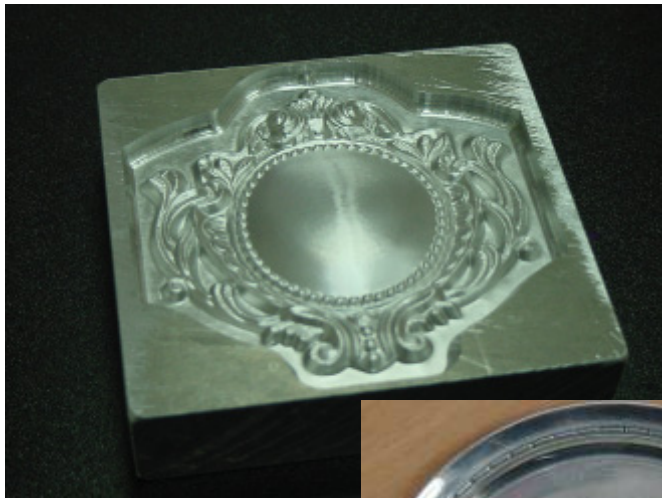
Whether you need to create a prototype or have an existing part, the task of converting a real part into a digital model has been a formidable one. CopyMate is a new approach that makes the complex task of copying a 3D part simple. Scanning 3D parts is handled quickly and efficiently.

A wide range of machines, make CopyMate the ideal solution whether you need to scan a coin or an automotive part. CopyMate solutions can be specifically picked based on accuracy, speed, size and price.

Copy Mate



Jewelry



Toys



Texture

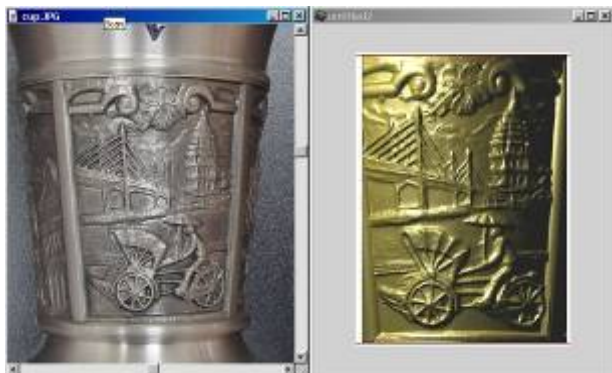


Industrial



Prototypes

Reverse Engineering



Inspection

Artworks

Copy Mate



Specifications

Laser Scanner Specifications

	Accuracy	Effective Range	Spot Size
Consoscopic	0.002-0.05	0.6-180	0.5-0.8
Triangulation	0.002-0.20	2-500	0.5-0.9

Machine Specifications

	X	Y	Z	Speed	Accuracy	Repeatability	Weight
CM-1	420	250	180	6000	0.01	0.025	55
	640	420	180				80
CM-2	320	215	95	6000	0.01	0.1	30
	1250	1250	130				300
CM-3	310	220	160	6000	0.01	0.025	80
	1020	1520	280				1100
CM-4	300	400	180	4000	0.01	0.01	50
	600	800	180				80
CM-5	540	320	75	4000	0.05	0.05	20
	1600	1000	200				150

* CE Standard

Additional Options

High Speed Spindle
4th Axis Scanning
Exchangeable lenses
High definition Lenses

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