

◆ Technical Data

Model No.	DMA R10-16	DMA R10-28
Dimension (LxWxH)	3620mm x 1120mm x 1560mm	4900mm x 1500mm x 1600mm
Total weight	approx. 4100kg	approx. 6200kg
Recom. space	4500mm x 2500mm x 2200mm	6100mm x 2800mm x 2250 mm
Hollow cylinder		
Face length	100 - 1600mm	200 - 2600mm
Circumference	300 - 1400mm	300 - 2100mm
Shaft cylinder		
Face length	100 - 1200mm	200 - 2600mm
Length incl. shafts	300 - 1600mm	400 - 2900mm
Circumference	300 - 1400mm	300 - 2100mm
Cylinder weight	max. 200kg	max. 600kg
Power supply	1P/N/PE 230V 50/60Hz 2P/N/PE 110V 50/60Hz	3P/N/PE 230V 50/60Hz
Recom. temperature	20 - 25 degree	

◆ About DMA Innotec



We Make the Impossible POSSIBLE

DMA Innotec is an innovative high-tech Company Group based in Germany and Taiwan. Its core competence lies in comprehensive know-how of the latest technologies in industrial process and control systems, electronic engraving and engraving head. Our highly motivated and professional R&D-team and application experts, comprising decades of experience, are the base for the successful development of advanced products. DMA Innotec is focused on engraving technologies for gravure printing, and by applying new technologies, achieves innovation, optimization and advancement of current electromechanical engraving.

DMA Innotec is driven by the customers' demands, to enhance their productivity, production quality and thus the competitive position. Sustainable innovation, reliable service, constructive cooperation are keys to our long-term customer relationship.



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The New Life for Engraving

Characteristics

Hardware

- Engineered in Germany
- Robust and modern construction
- Solid iron cast base
- Better protection for key components

Software

Prior-Screening – WYSWYE

The Prior-Screening technique allows checking the real engraving-data (What You See Is What You Engrave) and retouching before engraving.

PDF-based Workflow

DMA R10 can directly accept PDF-data which is a safe, fast, compact and worldwide approved modern file format.

Multi Language Support

Machine user interface ZMI and JobCreator have language options English, German and Chinese. Languages can be easily switched on the fly.

Easy Operation

DMA R10 is operated by touch screen and keyboard on the basis of a Windows-PC with user-friendly system software.



Special Features



V-Cam 2D

On-line measuring camera:

- auto-alignment
- automatic measurement
- selectable field of view - no changes of optical parts necessary
- tele-centric lens design for high precision measurement
- 2-dimensional transformation unit for selecting the field of view



Complete Digital Control System / PTP (Point-To-Point)

Full digital control without analog signals. Get more ink volume. Cell engraving is precisely controlled by Point-To-Point technique (PTP) and reaches optimal edge.



Engraving Head MISSION 8

Engraving frequency at real 8KHz.

FFC (First Full Cell)

DMA R10 engraves full-size cell from the first row/cut with sharp edge results.



Conventional Engraving

FOR
BELOVED

杏仁酸輕煥膚化妝水(旅行包)
用途：居家煥膚護理，軟化並重潤
質，保濕滋潤，使肌膚明亮光采，並
有效降低果酸對肌膚的刺激和敏感。
適用對象：欲改善或預防膚色暗沉、
油性肌膚、希望肌膚亮白者。

DMA Engraving

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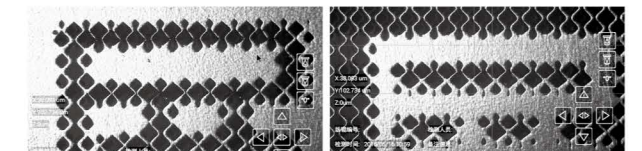
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油性肌膚、希望肌膚亮白者。

One Path Technique

DMA R10 can engrave images and very small texts with high resolution in one path at 8KHz, which improves the productivity efficiently.

Sim-Laser

DMA R10 can engrave texts as small as 4pt with good result. The quality is similar to laser engraving (Sim-Laser)



Multi-path Engraving

DMA R10 can produce larger/deeper cells through multi-path (2 -3 times) engraving on the same position, reaching, for example, max. depth 65µm by 60L/C angle 3.

