

DCF

Technical Machinery Notes

AUTOMATIC FANTASY DIAMOND CUTTING MACHINE- 196

An automatic unit for surfacing cutting chains with diamond tip tools. Tooling can be spindle or wheel. The built in programming feature allows an infinite array of shapes, and characters to be designed onto a chains surface.

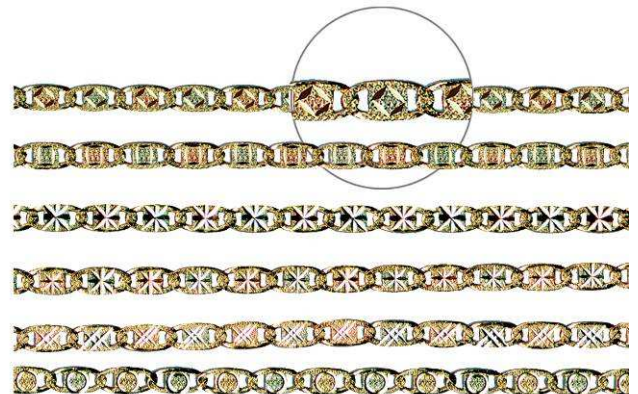
The unit works at a high speed thanks to a high precision mechanical positioning system which guarantees rapid and precise movements.

The resulting surface is excellently finished since the cutting action is had through an angled action so as to gradually cut into the surface of the link and not directly. This cutting action also minimises the cutting force involved thus prolonging tool life.

Characters can be programmed thru the units user friendly control panel, or uploaded from a PC cad file (future upgrade).



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Technical features

Machine speed (based on 0.60 Valentino chain)

4 point star	✦	70/min
6 point star	✧	60/min
8 point star	✨	50/min
12 point star	✦	40/min
Butterfly	✧	82/min
Double cross	XX	52/min
Hash	#	48/min

Number of sequential figures	30
Cutting depth	30 mm
Maximum chain width	30 mm
Cutting tools	Wheel & Spindle

Technical data

Voltage (single phase)	230 V 50 Hz
Power	1.8 kW
Compressed air	lt./min (dry) at 6 bar

Dimensions	82 x 61 x 170(h) cm – 215 kg cm
packing	103 x 73 x 187 (h) cm

Note. The above data, features and characteristics are not binding. CIEMMEO s.r.l. retains the right to vary them at any time without prior notice

CIEMMEO s.r.l. -Via dell'Industria, 22 - 36060 Casoni di Mussolente (VI) - ITALY - V.A.T. Code IT00621600246
Tel. +39-0424-577565 - Fax +39-0424-577563 - Video +39-0424-578017 - Email info@ciemmeo.com - WWW ciemmeo.com