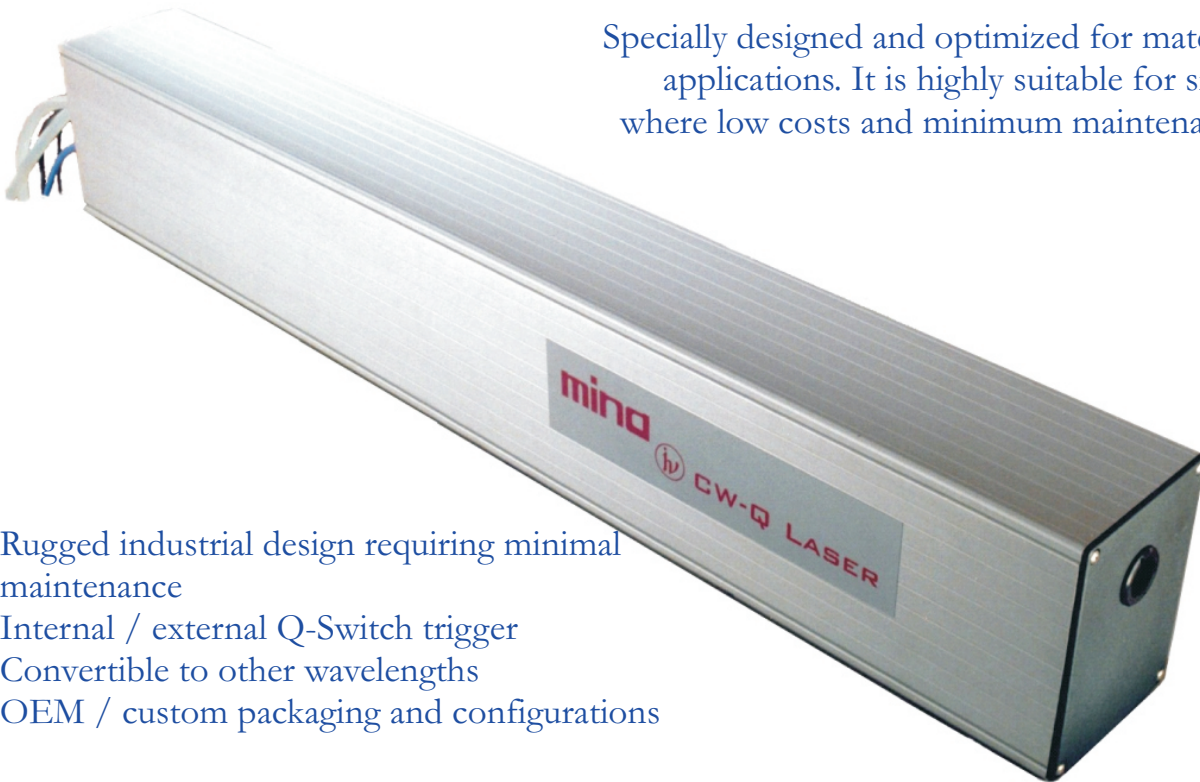


MINA

CW and Q-switched Nd:YAG laser head

Specially designed and optimized for material processing applications. It is highly suitable for small businesses where low costs and minimum maintenance are desired



Rugged industrial design requiring minimal maintenance
Internal / external Q-Switch trigger
Convertible to other wavelengths
OEM / custom packaging and configurations

FEATURES

- Advanced laser cavity design ensures wide stable-zone of output power
- Optimized output power and mode quality for highest throughput
- Superior beam profile (no hot spots)
- Excellent beam pointing stability
- Low cost

APPLICATIONS

- Versatile marking and coding on metal and plastic parts
- Engraving, and deep engraving on aluminium, steel, brass, and many other metals
- Productive ceramic dicing and scribing
- Accurate diamond processing



Technical information_{and} Specifications

Laser material:	Nd:YAG
Wavelength:	1064 nm
	Laser output power:
CW operation (multimode):	22 W
Q-switching operation (multimode):	17 W @ 10kHz
Output Pulse Time Jitter:	<5ns rms (from Q-switch sync pulse)
	Pulse Parameters:
Pulse Width:	150 ns
Pulse Energy Stability:	<±2%
Frequency :	2..50 kHz

