



Mate Tooling Solutions Ltd.



The Best
of All possible
Solutions

Ophir Optronics produces a full range of unsurpassed quality CO₂ Optics for high performance industrial and medical lasers.

Our superb replacement optics and OEM optics include:

- Beam Delivery Optics: Focusing lenses, Folding mirrors, 0° phase shift mirrors and 90° phase retarders (silicon and copper).
- Cavity Optics: Partial reflectors and End mirrors
- Windows

Duralens™ Focusing Lens



In order to ensure that your laser operates at maximum efficiency it is crucial to select the right lens. The type to be used with each machine is usually specified in the machine manufacturer's manual. Ophir offers a wide range of standard and special lenses assuring that the most suitable and effective lens be fitted to your laser cutting machine.

CO₂ Mirrors



Important Parameters

It is crucial that the mirrors have a tight phase shift tolerance as the beam must be bent without the polarization of the beam being changed. If the phase shift of the beam is not tight enough the beam will be misshapen and

Supplied to all the leading laser machine manufacturers including Trumpf, Amada and Bystronic – **Supplied to you from Mate Tooling Solutions at a more competitive price than the OEM** – please call for a quote today