



Access a **complete laser portfolio** as a part of our partnership with Quanta System, including an expanded range of **low- to ultra-high-power holmium laser systems**, a **thulium fiber laser (TFL) system**, and Quanta's fibers and accessories.



The 60 W and higher-watt systems come standard with a trio of Quanta's innovative core technologies, including the **Virtual Basket** pulse modulation mode. The low-power experience has evolved as well with the **Litho EVO**, a 35 W system that features the premium technologies **Vapor Tunnel** and **MasterPULSE**.



Quanta fibers, available in an assortment of different tip configurations and core diameters, are **compatible with most of the comprehensive laser offering** without additional cost to access the core technologies.

# Laser overview

| Litho EVO | Litho 60 | Magneto/<br>Litho 100 | Magneto/<br>Litho 150 | Fiber Dust          |
|-----------|----------|-----------------------|-----------------------|---------------------|
| Ho:YAG    | Ho:YAG   | Ho:YAG                | Ho:YAG                | Thulium Fiber (TFL) |
|           |          |                       |                       |                     |

| Technical specifications | Wavelength                                   | 2100 nm   | 2100 nm  | 2100 nm  | 2100 nm  | 1940 nm   |
|--------------------------|--|---|--|--|--|---|
|                          | Average power                                | Up to 35 W  | Up to 60 W   | Up to 105 W  | Up to 152 W  | Up to 60 W  |
|                          | Quietness (from the advanced cooling system) | Good  | Very good  | Excellent  | Excellent  | Very good   |
|                          | Max Hz (repetition rate)                     | Up to 30 Hz   | Up to 60 Hz  | Up to 80 Hz  | Up to 100 Hz   | Up to 2500 Hz                                       |
|                          | Max J (pulse energy)                         | Up to 5 J   | Up to 5 J  | Up to 5 J  | Up to 5 J  | Up to 6 J   |
|                          | Pulse duration                               | 50-1100 µs  | 50-1100 µs   | Litho 100: 50-1100 µs<br>Magneto: 50-2000 µs         | Litho 150: 50-1100 µs<br>Magneto: 50-2000 µs         | 50 µs-15 ms /<br>Continuous Wave                    |
|                          | Laser dimensions                             | 17.8 inch (W) x<br>33.5 inch (D) x<br>36.8 inch (H) | 20.5 inch (W) x<br>47.25 inch (D) x<br>48.4 inch (H) | 20.5 inch (W) x<br>47.25 inch (D) x<br>48.4 inch (H) | 20.5 inch (W) x<br>47.25 inch (D) x<br>48.4 inch (H) | 18.5 inch (W) x<br>23.6 inch (D) x<br>13.7 inch (H) |
|                          | Weight                                       | 209 lb  | 441 lb   | 507 lb   | 573 lb   | 110 lb  |
|                          | Electrical requirements                      | 115 Vac;<br>50/60 Hz;<br>20 A                       | 208 Vac;<br>50/60 Hz;<br>25 A                        | 208 Vac;<br>50/60 Hz;<br>30 A                        | 208 Vac;<br>50/60 Hz;<br>36 A                        | 115 Vac;<br>50/60 Hz;<br>20 A                       |
|                          | Outlet configuration                         | <br>115V/20A  | <br>208V/30A   | <br>208V/30A   | <br>208V/50A   | <br>115V/16A  |
| Fiber offering           | Size range*                                  | 200-1000 µm   | 200-1000 µm  | 200-1000 µm  | 200-1000 µm  | 150-1000 µm   |
|                          | Tip configuration                            |   |  |  |  |   |
| Core technologies        | Vapor Tunnel                                 | ✓   | ✓  | ✓  | ✓  |   |
|                          | Virtual Basket                               |   | ✓  | ✓  | ✓  |   |
|                          | MasterPULSE                                  | ✓   | ✓  | ✓  | ✓  | ✓   |
|                          | Magneto                                      |   |  | ✓  | ✓  |   |

\*Available in single- and multi-use for sizes 200-1000 µm.  
150 micron fiber, ball-tip, and side-firing only available in single use.