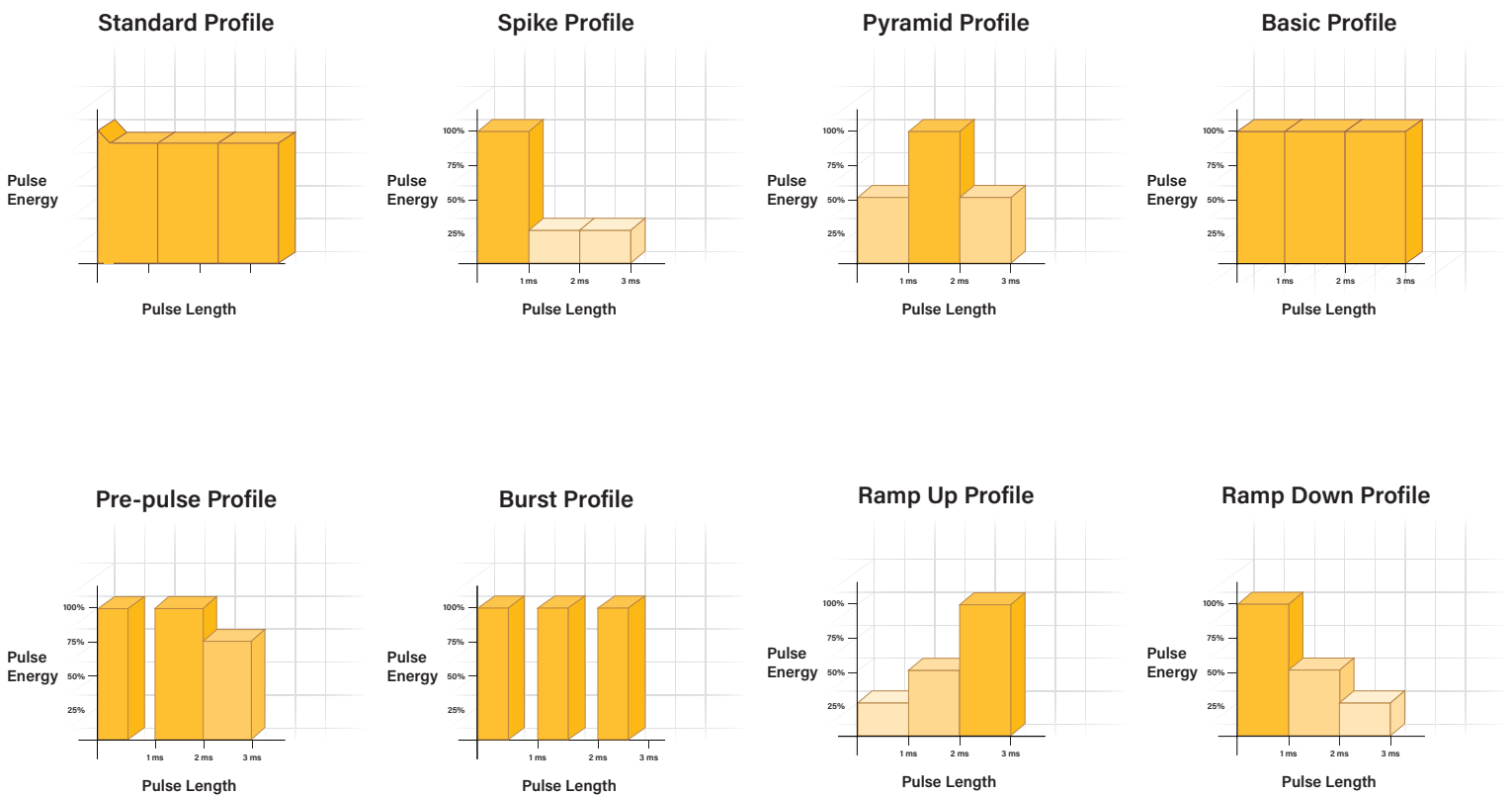




PULSE PERFORMANCE PROFILE TECHNOLOGY®

LaserStar's Pulse Performance Profile Technology® (P3) allows user to choose percentage of pulse energy that is released for each half millisecond (.5 ms) section. Each individual section is defined at 25%, 50%, 75% or 100% of total pulse energy output.

The following Pulse Profile illustrations demonstrate the settings of P3® Technology.



★ When in doubt about which pulse profile may be most beneficial, first set up a process with a Basic Profile and note the energy used (parameter selections) for a particular application.

★ Next, select a recommended pulse profile for the same application and compare the energy used (parameter selections).

★ Finally, compare the two different process results and choose a profile that meets your quality and process speed requirements. **Note:** P3 Technology is only designed for Nd:YAG laser systems.