

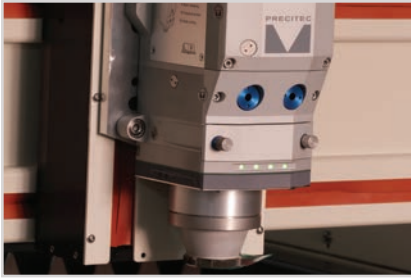
The Quantus Fiber Laser from MultiCam is the next generation in Laser Cutting systems. Quantus combines the precision of ball screw drives with the simplicity of our CNC controls and the latest fiber laser technologies. All this ensures the Quantus Fiber Laser is the most advanced, industrial grade and cost effective laser cutting system on the market.

Specifications	U.S.	Metric
Machine Table Height (without pallet changer)	36"	910mm
Max Load Weight	4'x4' - 1000 lbs. 4'x8' - 2000 lbs. 5'x10' - 2000 lbs.	4'x4' - 453.59 kg 4'x8' - 907.18 kg 5'x10' - 907.18 kg
Repeatability	4'x4' +/-0.0005" 4'x8' +/-0.002" 5'x10' +/-0/002"	4'x4' +/-0.015mm 4'x8' +/-0.05mm 5'x10' +/-0.05mm
Drive Feed Method	4'x4' & 4'x8' - Precision Ground Ball Screw 5'x10' - Rack & Pinion, Precision Ground Ball Screw	
Worksheet Clamps	Manual	
Assist Gas System	30 BAR - 435 psi	
Gas Supply	Nitrogen, Oxygen	
Power Range	1 - 6 kW	
Power Supply	Laser Source Dependent	
Laser	Single & Multi-Mode (model dependent)	
Wavelength	1070um/1080 um	

Model	Inches	Metric
4x4	51" x 51"	1300mm x 1300mm
4x8	51" x 98"	1300mm x 2500mm
5x10	62" x 122"	1575mm x 3mm

Specifications subject to change without notice.





DIGITAL FOCUS

The Quantus comes standard with an Digital Auto Focus (DAF). This feature enables the system to automatically set the optimal focus from a predefined process table and adjust it on-the-fly for piercing or for different materials simultaneously. The DAF ensures maximum throughput and cut-quality every time.



DIGITAL PROCESS SETTINGS

The Digital Process Settings system will save time by allowing operators to create job "recipes" or use one of the many process tables included with the Quantus.



DUAL SCREEN MANAGEMENT

The Dual Screen Management system is flexible enough to run as 2 separate screens or as a screen extension. With the interior camera, the operator can monitor the system on the top screen while programming the next job on the bottom screen or simply extend the Job Interface screen to both monitors for improved visibility.



AUTOMATIC SHUTTLE TABLE

The Automatic Dual Shuttle Table is the ideal add-on for production fabrication. This table changing system is a seamless process that allows the continuous flow of material between loading and unloading with a table swap in as little as 15 seconds. The tables are accessible from all sides all while maintaining a safe environment for the operator.



COMPACT DESIGN

Robust frame, up to 30% smaller footprint than competition.

QUANTUS WHY? MULTICAM?

1.) MultiCam's Coreo Software offers a Complete CAD/CAM solutions.

2.) Precitec ProCutter Cutting Head

3.) Configurable with NLight Power Source (1K Watts - 6K Watts)

5.) Unitized Industrial Frame

6.) Dual Motor Driven Gantry for Fast, Accurate, & Square Cuts to ensure a repeatability of ± 0.001 "

Popular Materials To Cut with Quantus

(Both Sheet and Plate Metals)

Mild Steel



Stainless Steel



Aluminum



Brass



Copper

