

# Orca M820

## Technical Specifications



BASE ORCA MACHINE 8000WATT FIBER | 10000W | 12000W

Item	Specification	Unit
Working range (X x Y)	8 X 20	ft
X-axis stroke	238	in
Y-axis stroke	100	in
Z-axis stroke	5.9	in
Max. speed X-axis	7874	in/min
Max. speed Y-axis	7874	in/min
Max. speed Z-axis	1771	in/min
Max. acceleration X-axis	394	in/s <sup>2</sup>
Max. acceleration Y-axis	394	in/s <sup>2</sup>
Max. acceleration Z-axis	984	in/s <sup>2</sup>
Positioning accuracy	±0.001	in
Position deviation	±0.002	in
Machine weight	51000	Lbs.
Machine dimensions (L x W x H)	52×15×7.5	ft
Max. power consumption	480V 60 Hz 3-Phase	US

**For more information contact [aporro@prclaser.com](mailto:aporro@prclaser.com)**

PRC LASER CORPORATION | [WWW.PRCLASER.COM](http://WWW.PRCLASER.COM) | FOLLOW US @PRCLASER

PRC LASER CORPORATION • 4279-K Crosspoint Drive • Ladson, South Carolina 29456 Phone (973) 347-0100 • Fax (973) 347-8932

PRC EUROPE N.V. • Industriepark De Bruwaan 89B • B-9700 Oudenaarde, Belgium Phone (32) 55/30.31.96 • Fax (32) 55/30.94.96

WB-PRC LASER SERVICE GmbH • Münchner Str. 15b • 85604 Zorneding, Germany Phone (49) 8106 306 26-0 • Fax (49) 8106