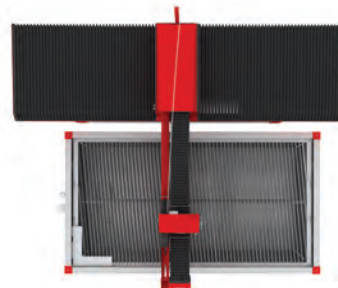


Scorpion Series

The SCORPION waterjet cutting system is the most versatile waterjet cutting system on the market when it comes to speed and accuracy. The SCORPION waterjet cutting system is efficient both in size and price. The control system and the ultra high pressure pump are integrated into the body of all the models in the series resulting in the smallest footprint among all waterjet cutting systems. It also allows for easy access from all three sides. The SCORPION waterjet cutting system is perfect for those looking for a compact footprint and extreme accuracy.



For more information please visit our website, www.semyx.com

semyx
Cutting
Without limits

Special Features

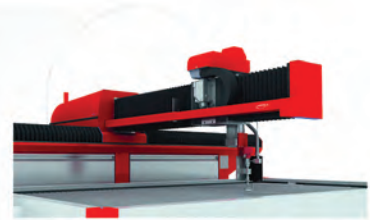
Easy Loading

Due to the fact that there is a single X-axis, material can be loaded and unloaded from all three sides of the table. Also, the idea of the small footprint helps one make use of the work space efficiently. It also can come with a space efficient abrasive tank.



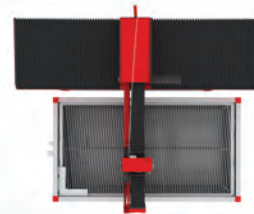
Rigid Bridge Gantry

The SCORPION, with its single X-axis, uses a rigid bridge gantry system that maintains high accuracy in cutting. Along with this rigidity comes extreme accuracy provided by the ball screw.



Small Footprint

The control system and the Ultra High Pressure Pump are enclosed in the body of the SCORPION which allows this footprint to be much smaller among all waterjet cutting systems. The single X-axis contributes to the small footprint without affecting the quality of the cut.



X-Axis Cutting Stroke mm (in)
Y-Axis Cutting Stroke mm (in)
Z-Axis Stroke mm (in)
Footprint Width mm (in)
Footprint Length mm (in)
Accuracy mm (in)
Repeatability
Drivers
Motion for X-Axis
Motion for Y-Axis



3000 (120")
1600 (63")
180 (7")
3570 (141")
4020 (159")
0.08 (0.003")
 $\pm 0.025 (\pm 0.001")$
AC Servo Motors
Ball Screw
Ball Screw



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