

Genesis Series

The GENESIS waterjet cutting series is a unique monoblock design that provides the ideal system for smaller projects and a great introduction for first time waterjet users looking to become familiar with the industry. The rigid mechanical design of the GENESIS allows for high end performance using high quality components often found in other manufacturers elite systems. The compact design of the GENESIS makes installation simple and allows the flexibility for the system to be used in a multitude of locations. The GENESIS series provide various sizes that have been designed to be space friendly and maintain the ability to fit in the most challenging spaces.



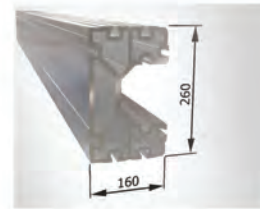
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Special Features

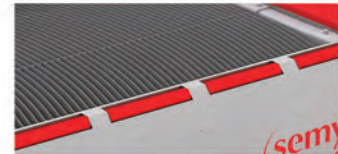
Sturdy Aluminium Profile

The rigid construction of the aluminium profile gives the GENESIS a sturdy yet light structure.



Front Rollers

Front rollers allow for easy loading and unloading of materials.



Stainless Z-Axis

The z-axis has a stainless steel construction for longer life. IP 69 rating is achieved by using double seals on the main shaft resulting in better lifetime and fewer failures.



	X²³⁰ Genesis	X²⁴⁰ Genesis	X²⁶⁰ Genesis
X-Axis Cutting Stroke mm (in)	3000 (118")	4000 (158")	6000 (236")
Y-Axis Cutting Stroke mm (in)	2000 (78")	2000 (78")	2000 (78")
Z-Axis Stroke mm (in)	180 (7")	180 (7")	180 (7")
Footprint Width mm (in)	3050 (120")	3050 (120")	3050 (120")
Footprint Length mm (in)	3800 (150")	4800 (189")	6800 (268")
Accuracy mm (in)	±0.075 (±0.003")	±0.075 (±0.003")	±0.075 (±0.003")
Repeatability mm (in)	±0.025 (±0.001")	±0.025 (±0.001")	±0.025 (±0.001")
Drivers	AC Servo Motors	AC Servo Motors	AC Servo Motors
Motion for X-Axis	Rack & Pinion	Rack & Pinion	Rack & Pinion
Motion for Y-Axis	Ball Screw	Ball Screw	Ball Screw



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