ProStar™ Waterjet Systems

PRAXAIR
Making our planet more productive

ProStar GENESIS™ 230 Waterjet Systems

ProStar GENESIS 240 Waterjet Systems

Genesis Waterjet Cutting Systems

The *GENESIS Waterjet Cutting Series* is a unique monoblock design that is the ideal system for smaller projects, and a strong 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 systems. The compact design of the GENESIS makes installation simple and allows the flexibility of the system allows it to be used in a multitude of locations. The *GENESIS* series provides various sizes that have been designed to be space-friendly and maintain the ability to fit in the most challenging spaces.

SPECIAL FEATURES

- Rack and pinion in all axis allows for large and customized cutting area
- Separated, rigid tank allows for extra weight on the tank up providing capacity from delicate to very thick parts
- Stainless steel stationary covers (no movable bellows) and X- and XX-axis special static powder coated steel covers provide maximum protection over the life time of the component
- Genesis S5 (only) mono-block design: the unique mono-block design in Genesis S5 (5 ft. × 5 ft.) allows for simple installation and flexibility for possible relocation to multiple locations

SPECIFICATIONS	GENESIS S16	GENESIS 230	GENESIS 240	GENESIS 260
X-AXIS CUTTING STROKE	63 in.	120 in.	160 in.	250 in.
Y-AXIS CUTTING STROKE	63 in.	80 in.	80 in.	80 in.
Z-AXIS CUTTING STROKE		12 in.	12 in.	12 in.
FOOTPRINT WIDTH	109 in.	127 in.	127 in.	127 in.
FOOTPRINT LENGTH	106 in.	160 in.	200 in.	291 in.
ACCURACY	±0.003 in.			
REPEATABILITY	±0.001 in.			
DRIVERS AC SERVO MOTORS	AC Servo Motors			
MOTION FOR X-AXIS	Rack & Pinion			
MOTION FOR Y-AXIS	Ball Screw			
TANK LOAD CAPACITY	51 lbs./ft^2	102 lbs./ft^2		

*Specifications may be subject to change, consult with your Praxair sales representative.