

Waterjet Cutting System

INFINITY™ Waterjet Systems



ProStar INFINITY Waterjet Systems



**CUSTOM BUILD?
NO PROBLEM.**

INFINITY Waterjet Cutting Systems

The new and improved *INFINITY* is our built-to-last flagship series that is suitable for large areas. The *INFINITY* Waterjet Cutting System offers precise cutting of extra-large sheets, ranging from 10 feet to 13 feet wide by as long as is needed, which allows for the cutting of large materials. The *INFINITY* Waterjet Cutting Series allows you to add multiple gantries and additional Z-axis to enable double production on the same machine and higher running speeds. Like all models, the *INFINITY* series features a central controller for all modules and CAM software enhancements.

SPECIFICATIONS	INFINITY 240	INFINITY 260	INFINITY 280	INFINITY 2100	INFINITY 2120
X-AXIS CUTTING STROKE	158 in.	240 in.	315 in.	394 in.	472 in.
Y-AXIS CUTTING STROKE	158.6 in.	158.6 in.	158.6 in.	158.6 in.	158.6 in.
Z-AXIS CUTTING STROKE	12 in.	12 in.	12 in.	12 in.	12 in.
FOOTPRINT WIDTH	246 in.	246 in.	246 in.	246 in.	246 in.
FOOTPRINT LENGTH	193 in.	273 in.	382 in.	462 in.	543 in.
ACCURACY	±0.002 in.				
REPEATABILITY	±0.001 in.				
DRIVERS AC SERVO MOTORS	AC Servo Motors				
MOTION FOR X-AXIS	Precision roller pinion system (PRS)/Nexen				
MOTION FOR Y-AXIS	Precision roller pinion system (PRS)/Nexen				

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

SPECIAL FEATURES

- Customizable solution sizes from 10 ft. - 13 ft. wide and nearly any length
- Improved heavy-duty tank design distributes weight evenly across the tank
- Improved slats have triple the standard lifetime allowing better gripping of materials, better support, and reduced risk of parts falling to the tank bottom
- The Infinity series allows multiple gantries and dual Z-axis (one standard head and the other a tilting head) to multiply production.
- Patented, grease-free Precision Roller Pinion System (RPS) In X & Y axes outperforms traditional rack and pinion systems