

Intec-G2® Series



POWER & CONTROL



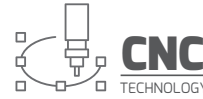
EXPERIENCE & QUALITY



TECHNOLOGY & INNOVATION



A GMM Group Company



Upgrade Option - Linear Scale Feedback

ACCURACY WITH LINEAR SCALE FEEDBACK*	± 0,05 mm - 0,002"
REPEATAB. WITH LINEAR SCALE FEEDBACK*	± 0,025 mm - 0,001"

TECHNICAL DATA

MODULE	i612-G2
MACHINE SIZE (L x W x H) Does not include pumps or control cabinet	4900 x 2650 x 2050 mm 193" x 104,3" x 80,7"
MACHINE WEIGHT	2330 kg - 5140 lb
MACHINE WEIGHT (with water)	8700 kg - 19180 lb
CUTTING TABLE DIMENSION	1860 x 3690 mm 73,2" x 145,3"
CUTTING AREA (without PAC60)	1830 x 3660 mm 72" x 144"
BEVEL CUTTING AREA (with PAC60)	not available
CUTTING AREA MAXIMIZED (with PAC60)	not available
ACCURACY OF MOTION*	± 0,15 mm/m - 0,006"
REPEATABILITY OF MOTION*	± 0,05 mm - 0,002"
MAX. AIR SPEED	17,5 m/min - 700 in/min
MAX. CUTTING SPEED	17,5 m/min - 700 in/min
MAX. MATERIAL THICKNESS (with PAC60)	200 mm - 8" (not available)

IMPORTANT NOTICE: the technical data is not binding and may be changed by Techni Waterjet without prior notice. All the above accuracy tolerances are correct at the calibration temperature of 20° ± 1° C.

*Linear/Axis/Meter

Machines displayed in the present catalogue are without safety barriers in order to ensure the perfect vision of all the details of the machine.

Intec-G2® 612

HIGH-PRESSURE WATERJET SYSTEMS

STANDARD FEATURES

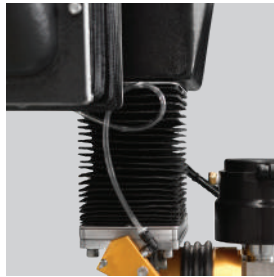
BREAK AWAY HEAD



Should the cutting head inadvertently crash into a clamp/fixture, hit the edge of a work piece or an upturned part, the Break Away Head will detect the crash and automatically stop the machine.

Not available with PACGO.

SERVO Z AXIS



Servo Z axis with auto height position recall, laser terrain mapping (optional) and edge location optics.

WATER RAISE AND LOWER



Automatic water Raise/Lower at the push of a button for quieter, cleaner and safer submerged cutting; our tanks include air-tight welds of an air chamber which uses regular shop air pressure.

TECH-SENSE



Tech-Sense Monitoring System enables true unattended operations. Should the cutting be disrupted the machine will pause the program and send a text message to your cell phone (SMS Notification option must be fitted.)

ABRASIVE PUMP AND HOPPER



The hopper includes a clear pump chamber to ensure abrasive is present and flowing correctly. Here is where the abrasive is pressurized, allowing the lid to be opened at any time.

Standard 500 Kg / Optional 2000 Kg

REMOTE CONTROL PENDANT



The MPG allows to manually wind forward or backward through a cutting path. This enables the operator to find the exact point along a cutting path from which to re-start cutting after a stoppage, or to simply locate a pre-cut part.

ELECTRIC SERVO PUMP - Patented

Quantum™

The Quantum™ pump incorporates core "direct servo" technology that was first applied by NASA for the Space Shuttle Program.



MAX OUTPUT PRESSURE 3585 bar (52,000 psi)
MAX OUTPUT VOLUME 1.9 l/min (0.5 gpm)
Output Volume Based on 480 VAC Electrical Supply

BENEFITS

- 60% more efficient than hydraulic intensifier
- Designed for quick seal service
- Virtually silent with noise level of 70 dbA



MAX OUTPUT PRESSURE 4550 bar (66,000 psi)
MAX OUTPUT VOLUME 3.8 l/min (1.0 gpm)
Output Volume Based on 480 VAC Electrical Supply

Full range of options available on the website

www.techniwaterjet.com - sales@techniwaterjet.com

