



WATERJET CUTTING SYSTEM

The **Intec-G2**[®] Value Series of Water Jet Cutting Systems represents the greatest “**VALUE**” for money available in the world of profile abrasive Waterjet cutting.



Intec-G2[®]

i1015 & i1020

The value series



[youtube.com/techniwaterjet](https://www.youtube.com/techniwaterjet)



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Scan the QR code to add TECHNl Waterjet's contact details to your smartphone.



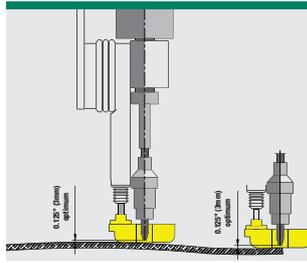
Innovation Through Passion

OPTIONS



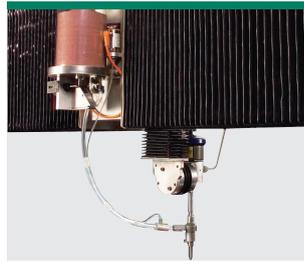
REMOTE CONTROL PENDENT (M.PG)

The Remote Control Pendant makes setting up your waterjet machine fast, simple and accurate.



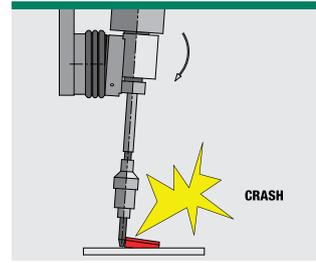
SKIP AND FLOAT™

Ensures a constant standoff height over warped or stress relieving materials.



TECH-SENSE™

To monitor the cutting head and pause the program prior to any blockage, making "Lights Out" operation a reality.



BREAK AWAY HEAD

Eliminates the risk of damaging the cutting head and scraping material in the event of a crash.

MORE OPTIONS

Servo Z Axis

A programmable Z axis with auto height position recall.

EZY-Load™ Material Loading

Electrically actuated tilting arms allow for vertical loading of fragile materials such as glass and stone.

Advanced Nesting

Increase material yield and minimize rapid feed times.

Water Raise/Lower for Submerged Cutting

By raising the water level and submerging the material, "the operating noise level" is reduced below safety limits.



PAC60™

60 Degree Bevel Cutting

The PAC 60™ is capable of producing parts with a true angle up to ± 60 deg with continuous rotation. That means regardless of the geometry of the part to be cut, the PAC 60™ will produce it without having to reposition the cutting head, saving time and producing higher quality parts.

Capable of producing parts to tolerances of ± 0.1 degrees.



ELECTRIC SERVO PUMP

Core Technology - Proven & Reliable

Quantum NXT™ - 55,000 or 66,000 PSI

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

Quantum NXT™ Dual - 55,000 or 66,000 PSI

TECHNI Waterjet™ is the first waterjet manufacturer to develop an Electric Servo pump for the waterjet cutting industry.

i1015-G2 SPECIFICATIONS

Machine size without UHP pump or bulk abrasive hopper (L x W x H)	4200 x 6000 x 2000 mm (13' 10" x 19' 8" x 6' 6")
Machine weight without water	2170 kg (4780 lbs) Without Tank 5720 kg (12610 lbs) Without Tank
Machine weight with water	19020 kg (41920 lbs)
Cutting Table Size	3200 x 4700 mm (10' 6" x 15' 4")
Cutting Area	3050 x 4600 mm (10' x 15')
Accuracy Of Motion*	± 0.15 mm (0.006")
Repeatability Of Motion*	± 0.05 mm (0.002")
Max Air Speed	17.5m/min (700 ipm)
Max Cutting Speed	17.5m/min (700 ipm)
Max Material Thickness**	200 mm (8")

i1020-G2 SPECIFICATIONS

Machine size without UHP pump or bulk abrasive hopper (L x W x H)	4200 x 8000 x 2000 mm (13' 10" x 26' 3" x 6' 6")
Machine weight without water	2600 kg (5730 lbs) Without Tank 7170 kg (15810 lbs) Without Tank
Machine weight with water	21920 kg (48330 lbs)
Cutting Table Size	3200 x 6250 mm (10' 6" x 20' 5")
Cutting Area	3050 x 6100 mm (10' x 20')
Accuracy Of Motion*	± 0.15 mm (0.006")
Repeatability Of Motion*	± 0.05 mm (0.002")
Max Air Speed	17.5m/min (700 ipm)
Max Cutting Speed	17.5m/min (700 ipm)
Max Material Thickness**	200 mm (8")

Important Notes: Due to a constant endeavour to improve the machine, the specifications may change without prior notice. All the above accuracy tolerances are correct at the calibration temperature of $20^{\circ} \pm 1^{\circ}$ C.

*Linear/Axis/Meter. **115 mm(4.5") with PAC60 cutting head option fitted.