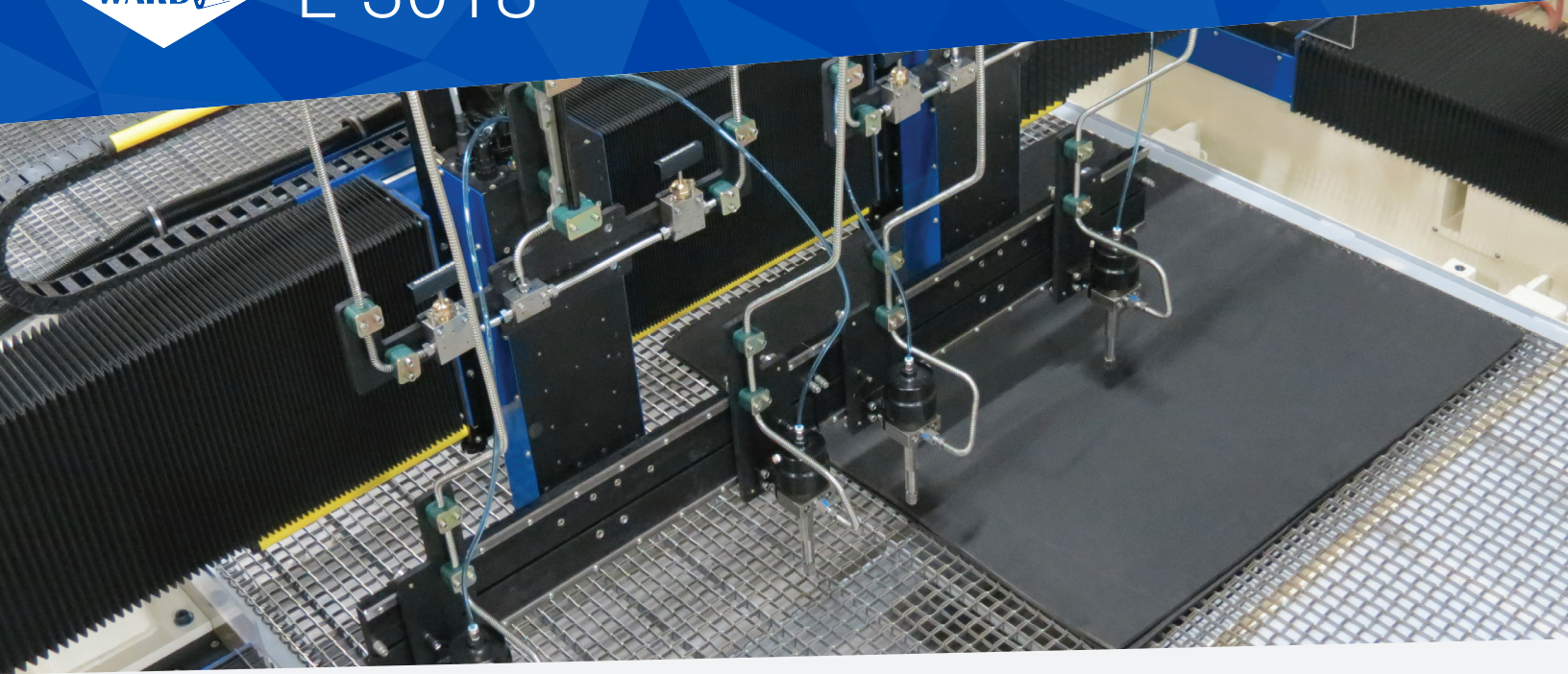




L-3018



SPEED

Linear motors allow upwards of 7,000 inches per minute to be achieved, with acceleration parameters up to 0.2 m/s²



SELF LOADING

Self loading systems are available, including bun loaders, chain feed systems or pinch rollers - all synchronized to the speed of the chain

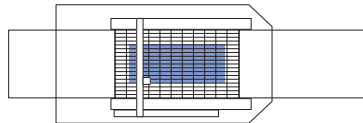


ROLLS & SHEETS

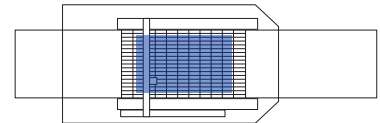
Load either large rolls of material or sheets

Sheet Sizes

The L-3018 can handle both sheets and rolls of material 6' wide and under.



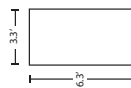
4' x 10'



6' x 10'

Cutting Envelope

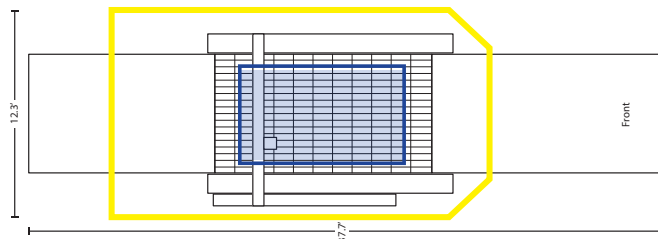
The L-Series is a high speed, high precision waterjet cutting system. Add multiple cutting heads to maximize the cutting envelope and machine output.



HyPrecision 505, 605, 755 Pump
Height: 4.6'
Weight: 3100-3300 lbs.



X-Series Controller



	Imperial	Metric
Single Head	10.0' x 6.0' x 1.0'	3.0m x 1.8m x 0.3m
5-Axis Head	10.0' x 6.0' x 1.0'	3.0m x 1.8m x 0.3m

*Footprint dimensions exclude 5-Axis safety guards

L-Series

L-3018

The L-3018 water-only waterjet boasts the same astonishing cutting speed as the L-3025 at a slightly reduced cutting envelope and footprint. The L-3018 is also capable of handling multiple cutting heads or 5-Axis cutting heads on the same cross beam. Add other features like optical eyes, guillotine doors, and chain-fed loading tables to make the L-3018 a fully automated system.



Specification	Imperial		Metric	
Footprint	37.7' x 12.3'		11.5m x 3.8m	
Cutting Envelope (X, Y, Z Travel)	1 2D Carriage	10.0' x 6.0' x 1.0'	1 2D Carriage	3.0m x 1.8m x 0.3m
	1 5-Axis	10.0' x 6.0' x 1.0'	1 5-Axis	3.0m x 1.8m x 0.3m
Power Requirements	480V, 30 Amps, 3 Phase		480V, 30 Amps, 3 Phase	
Air Requirements	80 psi min, 2 cfm		5.5 bar min, 0.9 l/s	
Linear Positional Accuracy	± 0.003” per axis		± 0.08mm per axis	
Repeatability	± 0.001” per axis		± 0.03 mm per axis	
Speed	0.01 ipm - 7,000 ipm		0.25 mm/m - 177,800 mm/m	
Drive Mechanism	Linear motors on X and Y axes, screw driven Z			
Software	WARDJet Controller Software and WARDCAM (IGEMS Upgrade Available)			