


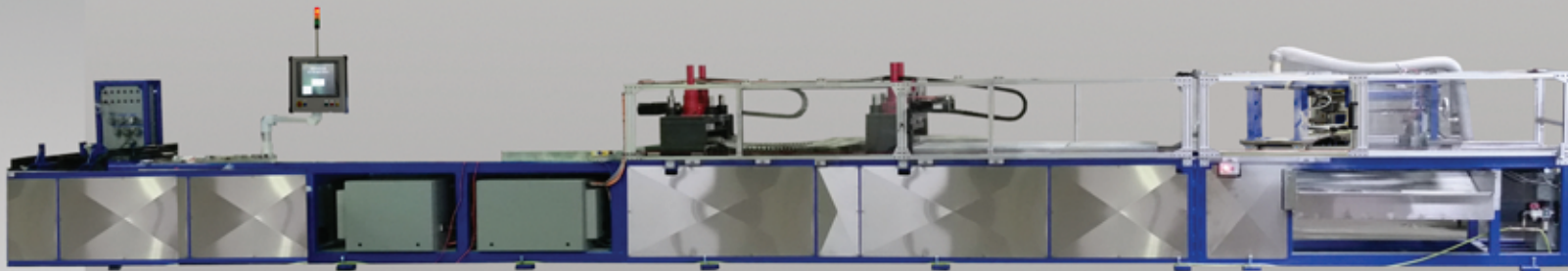


# SERVOPUL TECHNOLOGY

KENT PULTRUSION'S SERVOPUL MACHINES  
INTRODUCE SERVO MOTOR AND DRIVE  
TECHNOLOGY TO CONTROL PULLING AND  
CLAMPING FORCES AND REGISTER MONITORED  
FEEDBACK TO THE OPERATING SYSTEM.

## MACHINE FEATURES

 <b>Interactive HMI Touchscreen</b> Interactive Touchscreen PLC Controls for machine operation, maintenance, troubleshooting and adjustment of parameters	 <b>Die Mounting System</b> Allows the Operator to position the die side to side or above or below product center line	 <b>Servo Motor w/ Zero Backlash Couplings</b> Servo/Lead Screw combination eliminates snap back allowing for a precisely tuned end product	 <b>Servo Controlled Clamping and Pulling</b> Servos control pulling speed and clamping while the line is interfaced with the HMI	 <b>Servo Drives and Modem Connection</b> Servo Drives monitor line pulling and clamping forces. Ethernet and Modem connection allows Kent Pultrusion to monitor machine functions	 <b>Safety Interlocks</b> Safety Guard Interlock Switches initiate machine shutdown. Clamping will immediately disengage	 <b>Flying Cut-Off Saw</b> Travels and cuts at product line speed. Vented for dust evacuation to plant dust collection system.
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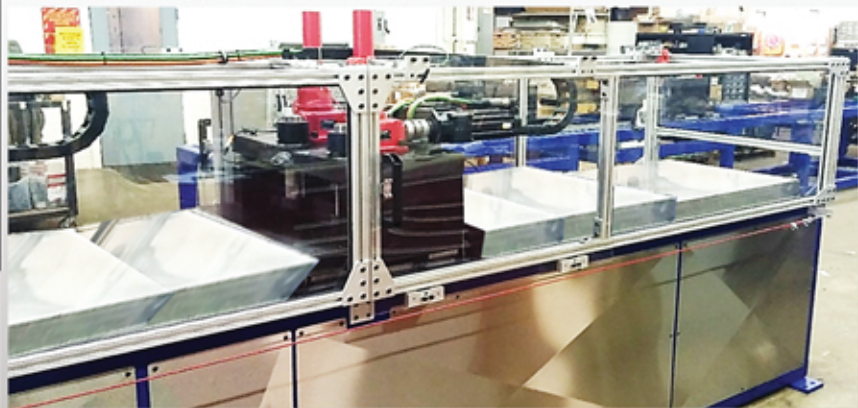


### STANDARD MACHINE SPECIFICATIONS

Air Requirement:	5 cfm @ 80 psi	A Modem will be Installed for Remote Access
Voltage:	220/480/3Phase/60Hz	HMI for Operation/Maintenance/Troubleshooting
Amperage:	100	Heating System: Multi Zone Temperature Control
Frame Accuracy:	End to End Accuracy of $\pm 0.005"$	Heating Zones: Based on Customer Specifications
Controls:	Allen Bradley PLC and Drives	Powder Coat Paint Finished Machine Frame
Line Speed:	2" to 120"/Min.	Stainless Steel Guarding over Puller
Safety Enclosure:	80/20 Guarding w/ Safety Interlocked Access Doors	Pulling Force: Based on Customer Specifications
Pulling Window:	Based on Customer Specifications	Clamping Force: Based on Customer Specifications
Flying Cut Off Saw:	Adjustable w/ Dust Hood & 6" Ports	Complete Documentation Including Pneumatic & Electrical Schematics, Bill of Materials, Maintenance&Trouble Shooting.

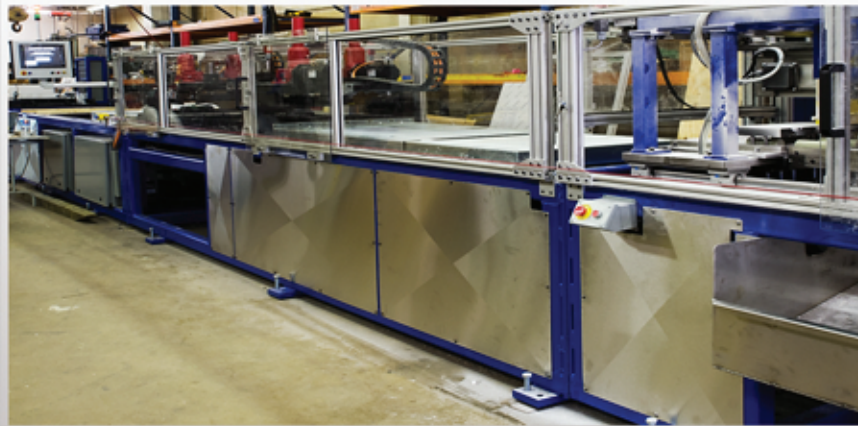
# PULTRUSION MACHINES

## SERVOPUL 1000 SERIES



THE SERVOPUL 1000 SERIES IS PERFECT FOR COMPANIES RANGING FROM STARTUPS WITH LIGHTER PRODUCTION SPECIFICATIONS ALL THE WAY UP TO TODAY'S INDUSTRY STANDARD PULTRUDED PROFILES INCLUDING THIN AND HEAVY WALLED STRUCTURAL SHAPES. PULLING WINDOW AND PULLING AND CLAMPING FORCES CAN ALL BE CUSTOMIZED ACCORDING TO CUSTOMER SPECIFICATIONS.

## SERVOPUL 2000 SERIES



DESIGNED TO ACCOMMODATE INCREASED POWER NEEDS FOR LARGER STRUCTURAL PROFILES, THE SERVOPUL 2000 SERIES IS CUSTOMIZED TO PROVIDE MORE PULLING AND CLAMPING FORCE ALONG WITH ADDED PULLING WINDOW WIDTH AND SUPER STRUCTURAL SUPPORT FOR THE DIE. OPTIONAL DUAL LANE CUT TO LENGTH SAW FOR INCREASED EFFICIENCY IN MULTIPLE CAVITY PRODUCTION.

## SERVOPUL CS SERIES



KENT PULTRUSION'S "CUSTOM SERVOPUL" SERIES MACHINES ARE DESIGNED TO ACCOMMODATE EVERYTHING FROM ADVANCED POLYURETHANE RESIN APPLICATIONS TO ELECTRICAL GRADE PULTRUDED SHEET AND HEAVY WALLED LARGE STRUCTURAL PROFILES. KENT PULTRUSION'S ENGINEERS WORK CLOSELY WITH THE CUSTOMER IN EVERY FACET OF THE MACHINES DESIGN TO PROVIDE A FINISHED MACHINE DIALED AND TUNED EXACTLY TO CUSTOMER SPECIFICATIONS.

CHECK US OUT



TO SEE VIDEOS AND TO GET MORE  
INFORMATION ABOUT OUR MACHINES PLEASE  
VISIT [WWW.KENTPULTRUSION.COM](http://WWW.KENTPULTRUSION.COM)