

GEARING UP FOR THE AUTOMOTIVE EXTRUSION MARKET

MACHINERY NEWSLETTER

Downstream Extrusion

SealStream™: Downstream automotive extrusion line

CDS's *SealStream* post-extruder line was designed to process TPV automotive seals. This line includes two 16" wide x 10' long spray cooling tanks (only one shown in picture), a belt haul-off with a 4" x 18" contact area, a servo-driven fly-knife cutter, and a 4" wide x 12' long take-away conveyor with a specially designed light fixture. **Note:** Model painted to customer's specification.



Extra-long guides designed to secure and align the delicate rubber profile as it moves along the table.



The HammerHead™: High-velocity servo saw

CDS recently delivered a customized version of its traveling cut-off saw to a processor that extrudes automotive seals. Designed to cut profiles up to 3" wide, this model includes a high-velocity servo motor, adjustable profile guides, a graphical operator interface, and a full safety enclosure. **Note:** Model painted to customer's specification.

The unit's **graphical operator interface** enables end-users to set the cut length of their profiles, program variable batch cuts, and view alarm notifications. Contact CDS for more information about this feature's capabilities.



1930, 52nd Avenue, Lachine, QC, Canada H8T-2Y3
T.: (514) 633-5933 1 877-633-1993 F.: (514) 633-5944
info@cdsmachines.com www.cdsmachines.com



GEARING UP FOR THE AUTOMOTIVE EXTRUSION MARKET (contd.)

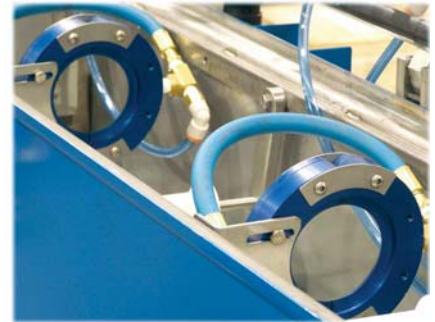
**MACHINERY
NEWSLETTER**
Downstream Extrusion

The ComboCooler™ Water and Spray Combination Cooling Tank

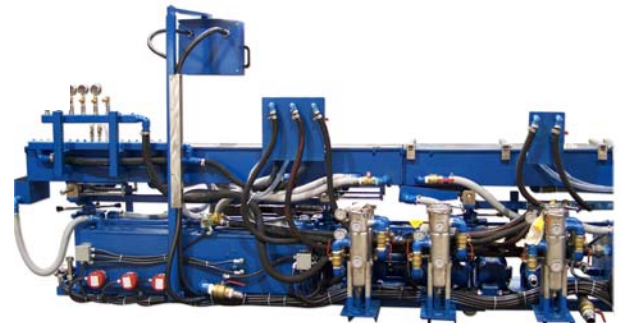
When one of our customers needed a flexible and reliable cooling solution for their extruded application, CDS was there to help. Designed to cool rubber automotive seals, CDS's *ComboCooler* is comprised of a water bath and spray cooling compartment mounted on a common base, with each section enabled for 3-axis precision movement. In addition, the tanks were configured by the customer to allow separate hot and cold cooling of the profile. **Note:** Model painted to customer's specification.



The unit's sealed **spray cooling** compartment includes nylon product guides and flexible spray nozzles mounted on stainless steel bars.



Vented **air-knives** located in the tank's third chamber.



This customized dual **water recirculation system** is used for the unit's hot and cold cooling compartments. Features include six basket filters, a vacuum manifold, a hot and cold water manifold, pressure-relief and ball valves, and process pumps.

About CDS

CDS designs and manufactures post-extruder machinery and systems for a broad array of thermoplastic, thermoset, and polymer-based applications. Products include Haul-offs, Sizing and Cooling Tanks, Saws and Cutters, Collection Tables, Embossers, and auxiliary units. For more information, visit www.cdsmachines.com or call 1 877-633-1993.

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