

# VERSATILE, COOLING EFFICIENCY

Plastics Extrusion Machinery LLC offers Stainless Steel Cooling tanks in multiple sizes and configurations. Our team of engineers will work with you to ensure your customized cooling tank meets your specific requirements. Solid steel construction and versatile options will ensure that your PEM Cooling Tank will stand the test of time.



PLASTICS EXTRUSION MACHINERY LLC

*The Next Generation in  
Innovative Downstream Equipment*

## COOLING TANKS

PEM Cooling Tanks are configured to operate in three different modes including spray, flood, or a combination of both, ensuring you have the right solution that works for your production line. Each spray tank employs a system of unique spray nozzles to produce a full conical, atomizing spray which creates an efficient cooling for maximum heat dissipation without marking your product. The flood tanks work in a similar way by creating a high-level of agitation to scrub away the thermal barrier that forms around the product. This method of cooling has been proven to be more efficient than what is commonly used in other flood tanks. All of our cooling tanks have separate water flow sections which enable you to individually control the flow of water to each section.

Pair our Cooling Tanks with our Vacuum Sizing Tanks for a complete cooling system that we can customize to your line. Whether you need a curtain spray tank for product 12 inches or larger or a solid wall tank for eight inches or smaller, we can design and build your Cooling Tanks specific to your requirements.



*Pictured above: SSTE 16/20C  
(16" Cooling Tank)*

**Easy to  
adjust controls**

**Maximum heat dissipation  
without marking product**

**Configured for flood, spray,  
or a combination of both**

Pictured to the right: SSTE 36/20C  
(36" Cooling Tank)



### STANDARD FEATURES

- Stainless steel tank and drip pans
- Rigid steel tubular framework
- Rack and Pinion drive for longitudinal movement (power-driven is available)
- Micro-adjust controls on each end provide two inches of horizontal and vertical movement
- Easy access to motors and pumps
- Motors and pumps are matched to the size and water flow requirements of each tank
- Front-mounted control panel

### AVAILABLE OPTIONS

- Stainless steel tubular framework
- Catwalks
- Custom ordered pumps and motors
- Level and Temperature Control Systems
- Under tank reservoirs
- Heat exchangers
- Out-of-round correcting roller systems

#### Standard Tank Sizes

4"	24"
8"	30"
12"	36"
16"	48"
18"	60"
21"	

Tanks are available in lengths ranging from ten to 30 feet long.



PLASTICS EXTRUSION MACHINERY LLC

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