



# THERMOPLASTIC PLASTICATOR



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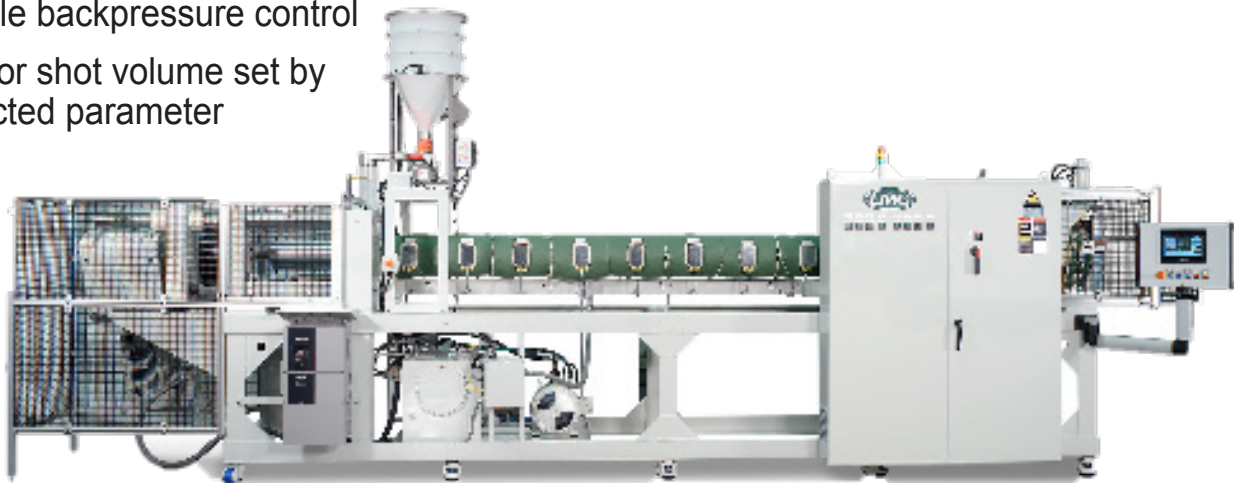
The Trinks Inc. Thermoplastic Plasticator is primarily designed for processing thermoplastic materials before being put into a compression molding press. This machine can mold a range of material types including long fiber reinforced composites, ultra-high molecular weight polyethylene and thermoplastics.

## STANDARD FEATURES

- Hydraulic reciprocated screw
- Material volume set by screw stroke
- Position metering system
- Operator interface screen
- Hydraulic driven knife to cut extrudite
- Electrically interlocked to limit knife access
- Adjustable backpressure control
- Plasticator shot volume set by pre-selected parameter

## OPTIONS AVAILABLE

- Conveyor
- Robot interface for material loading
- Variety of material hoppers available
- NRTL Certifications: UL, CUL, CSA, CE Mark
- Mixing/dosing unit integrated with controls



SPECIFICATIONS	60mm	80mm	100mm	125mm	150mm	180mm	250mm
Torque (ft lbs.)	980	980	1,600	3,200	6,637	8,850	12,000
LD Ratio	24:1	24:1	30:1	30:1	34:1	34:1	34:1
Rotational Speed (rpm)	5-45	5-45	5-45	10-45	10-45	10-40	10-30
Plasticating Stroke Max. (mm)	200	250	300	400	500	600	800
Max. Volume (cu.in.)	34	47	134	299	539	932	2400
Insulated Heat Bands	2	2	5	8	10	10	12
Overall Heating Capacity	15kW	20kW	30kW	50kW	70kW	70kW	90kW
Electric Motor (hp)	15	15	25	40	60	100	125

**Note** : sizes 100mm to 250mm were specifically designed for long fiber material

[www.trinksinc.com](http://www.trinksinc.com)

1733 Suburban Drive // De Pere, WI 54115 // [info@trinksinc.com](mailto:info@trinksinc.com) // (920) 347-1983

