

# THERMOPLASTIC PLASTICATOR



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



## FEATURES

### STANDARD

- 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

- Extrudite exit conveyor
- Variety of material hoppers available
- External barrel cooling fans
- Mixing/dosing unit integrated with controls
- Leveling caster wheels
- eWon – remote access
- NTRL Certifications: UL, CUL, CSA, & CE Mark

## SPECIFICATIONS

	60 mm	80 mm	100 mm	125 mm	150 mm	180 mm	250 mm
Torque (lb-ft)	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	2,400
Insulated Heat Bands	2	2	5	8	10	10	12
Overall Heating Capacity	15kW	20kW	30kW	50kW	70kW	70kW	90kW
Electric Motor	15	15	25	40	60	100	125

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