

THERMOSET PLASTICATOR



Our Thermoset Plasticator is an all-hydraulic system primarily used in compression or transfer molding processes at point of use.

Our proprietary system is designed and built to preheat, preform, and dispense thermoset compounds in highly accurate and repeatable volumes; ready for molding. BMC, Epoxy, and Phenolic resins are well-suited for this system.

Molding with pre-plasticated materials can help to yield components of higher quality and greater consistency.



FEATURES

STANDARD

- Hydraulic reciprocated screw
- Material volume set by screw stroke
- Position metering system
- Hydraulically actuated knife
- Adjustable back pressure control
- Available in different screw sizes to meet your needs (20 – 80 mm)

OPTIONS AVAILABLE

- Hopper agitator for non-free flowing materials
- Hydraulic stuffer
- Automated transfer of preform to secondary process
- Integration with press control
- eWON – remote access
- Agency Listings – UL, CUL, CSA, & CE Mark

SPECIFICATIONS

	Units	20-44mm			50-70mm			80mm
Screw Diameter	mm	20	30	40	50	60	70	80
Screw Stroke, Max.	inches	7.87	7.87	7.87	7.87	7.87	7.87	7.87
Screw Speed	RPM	10-65						
Stroke Volume (Theoretical)	in ³	3.84	8.6	15.32	23.92	34.47	46.98	61.32
Plasticating Weight (Max.)	oz.	2.89	6.49	11.5	17.99	25.02	35.27	45.85
Plasticating Throughput	oz./min.	7.05	14.11	21.16	31.74	49.38	67.19	87.29