

GXT Hydraulic/Rotation Maintenance

HYDRAULIC REQUIREMENTS

Operating the shear below the recommended flow and/or pressure range will adversely affect performance and may damage the rotate motor.

Operating the shear above the recommended flow and/or pressure range may damage the shear and its hydraulic components.

Model	Flow	Pressure
115 & 225	40-60 GPM 151-227 LPM	4500-5500 PSI 310-380 Bar
335	60-90 GPM 227-340 LPM	
445	73-110 GPM 276-416 LPM	
555	86-128 GPM 325-484 LPM	
665	105-155 GPM 397-587 LPM	
775	130-195 GPM 492-738 LPM	
995 & 1555	175-320 GPM 662-1211 LPM	
2055 & 2555	245-320 GPM 927-1211 LPM	

ROTATION VALVE INPUT

For cooler and more efficient hydraulic system operation, set the input pressure as indicated in the chart below. The maximum case drain measured at the shear while rotating and cycling the jaws must never exceed 80 PSI. Pressure increases during cold-weather operation.

Model	Flow	Pressure
115 - 335	3-5 GPM 11-19 LPM	1800-2000 PSI 125-138 Bar
445 - 665	8-12 GPM 30-45 LPM	
775	8-12 GPM 30-45 LPM	2000 - 2200 PSI 138 - 152 Bar
995	8-12 GPM 30-45 LPM	
1555	13-20 GPM 49-76 LPM	2800-3000 PSI 193-207 Bar
2055	25-30 GPM 95-114 LPM	
2555	35-50 GPM 132-189 LPM	2200 PSI 152 Bar

This document is a quick reference only. It does not replace the product safety and operator's manuals, which must be followed by all operators and maintenance personnel.