

GXT Hydraulic/Rotation Maintenance

JAW OPEN & CLOSE 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 - 665	70 - 160 GPM 264 - 605 LPM	
775	130 - 240 GPM 492 - 908 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 and flow as indicated in the chart. The attachment rotation speed should be 3 - 4 RPM. Exceeding 4 RPM will result in rotation component damage.

The maximum case drain pressure measured at the shear while rotating and cycling the jaws must never exceed 40 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 - 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	

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.