

GXT EVO 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 |
|--------------|---------------------------------|----------------------------------|
| 07R | 15 - 25 GPM 57 - 95 LPM | 2500 - 4600 PSI 172 - 317 Bar |
| 335 | 60 - 90 GPM 227 - 340 LPM | 4500 - 5500 PSI 310 - 380 Bar |
| 445 - 665 | 70 - 160 GPM 264 - 605 LPM | |
| 775 & 775 HD | 130 - 240 GPM 492 - 908 LPM | |
| 995 & 1555 | 175 - 320 GPM 662 - 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 |
|-----------|----------------------------|----------------------------------|
| 07R | 1 - 3 GPM 4 - 11 LPM | 1000 - 1200 PSI 69 - 83 Bar |
| 335 | 3 - 5 GPM 11 - 19 LPM | 1800 - 2000 PSI 125 - 138 Bar |
| 445 - 995 | 8 - 12 GPM 30 - 45 LPM | |
| 1555 | 12 - 18 GPM 45 - 68 LPM | 2800 - 3000 PSI 193 - 207 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.