| Stock # | DESCRIPTION |
|---|---|

### 13017-00    120K (600kN) Satec HVL (MTQ Servo)

(1) Reconditioned 120,000 lbf (600 kN) Capacity Satec, Model HVL, Hydraulic Tension & Compression Testing Machine with Precision Load Cell Indicating System and Adjustable Top Crosshead.

**Satec Model HVL**
**SPECIFICATIONS:**

**Tension Testing Opening (Less Tooling):** 38"
**Compression Testing Opening (Less Tooling):** 38"
**Distance Between Columns/Screws:** 20"
**Testing Stroke:** 6"
**Table Size (W x D):** 20" X 22"
**Testing Speed (IPM):** 0 – 3
**Crosshead Adjusting Speed (IPM):** 12
**Approximate Overall Dimensions:**
**Servo Console (W x D x H):** 36" x 24" x 38"
**Load Frame (W x D x H):** 48" x 28" x 92"
**Approximate Weight (lbs.):** 4,000
**Electrical Requirements (V,Hz,PH):** 220/440, 60, 3

**EQUIPPED WITH:**
- Computer system with keyboard and mouse.
- 24" LED-Backlit LCD Color Monitor
- Microsoft Windows 10 Professional, Workstation
- MTGenius Material Testing Software for Data Acquisition (load, position, 2 strain & aux), Analysis and Computer Controlled Testing with Manual.
- MTGenius, Micro console for sensor excitation and analog/digital signal processing with USB Cable.
- Celesco, High Resolution TTL compatible incremental quadrature Encoder for position and testing speed values with signal cable and mounting hardware.
- Reconditioned Servo Hydraulic Pumping System for Closed Loop Computer Controlled Testing

**FOB Warren, MI**
**Reconditioned/Retrofitted & Certified**
**1 Year Parts and Labor Warranty**
*Representative Image After Reconditioning

**Guarantee:**

Unless otherwise specified, every machine is offered with the standard **MDNA** *(MACHINERY DEALERS NATIONAL ASSOCIATION)* Return privilege to ensure your complete satisfaction. If the machine is un-satisfactory it may be returned to our warehouse, freight prepaid and in the original condition within 30 Days of shipment for a full refund less the cost of SPECIALIZED EQUIPMENT, NEW ITEMS AND RE-CERTIFICATION COSTS, When applicable. Care is taken to provide accurate specifications. However, Critical areas should be verified by Inspection.