

KMS Facilities List

Facility

KMS Machine Works, Inc. is situated in its own 23,000 square foot facility located on Interstate Route 44, four (4) miles west of Taunton Center. We are 10 minutes from Routes 495 and 24, and 20 minutes from Providence, RI.

Manufacturing Equipment

CNC Citizen — Swiss Manufacturing

**** 32 mm Bar Capacity ****

- **4 Model E-32, Type IV**, with IEMCA auto-loading bar feeders
- **4 Model E-32, Type III** with FMB auto-loading bar feeders
- **4 Model M-32**, (8) axis Servo-controlled with IEMCA auto-loading bar feeder
- **3 Model L-32**, with an IEMCA auto-loading bar feeders

**** 20 mm Bar Capacity ****

- **3 Model M-20**, with SMW bar feeders

**** 16 mm Bar Capacity ****

- **1 Model L-16-VI**, five (5) axis sliding head screw machine

CNC Turning — Conventional

- **1 Okuma LB-15 II-MW** w/sub-spindle and live tooling. LNS auto-load bar feeder – 2 in. bar capacity
- **1 Okuma LB-15** turning center-capacity 16 in. Ø x 20 in. long with 1.75 in. Ø through spindle
- **2 Okuma LC-10** four (4) axis Twin Turret lathes with 1.25 in. Ø through spindle capacity
- **1 Takisawa TC-100** two(2) axis high speed turning cell

CNC Milling

- **2 Brother TC-S2A** high-speed, three (3) axis, precision, drill-tap-mill machine with 16 in. x 19 in. travels
- **1 Brother TC-221** high-speed, precision, drill-tap-mill machine with 11.7 in. x 16 in. travels
- **1 Brother TC-229** high-speed, three (3) axis, machining center; 14 in. x 18 in. travels 10,000 rpm spindle
- **1 Okuma MX-45VAE** high-speed, three (3) axis, machining center; 12,000 rpm coolant fed spindle
- **1 Supermax V-56T** high-speed, three (3) axis, machining center

Manufacturing Support

- Fully equipped tool room, model shop and extensive deburring capability
- **Branson Model EVD-80** automated and self contained cleaning machine

Quality Assurance

Quality Certification

ISO-9001:2008 Registered

Quality Control

- Inspection methods and procedures reference current MIL-SPECS or per customer requirements
- Inspection equipment includes:
 - Carl Zeiss CMM, Eclipse model 550, with RDS/RST articulating, auto-changing probe system, Zeiss Calypso software and QC Calc™ Statistical Software package
 - Electronic Bench Micrometer (0.000010 resolution)
 - Nikon V-12 and V-14 Optical Comparators with Metronics digital resolution
 - Johnson Thread Measuring Gaging (System 22)
 - Wilson Rockwell Series 2000 Hardness Tester
 - Carl Zeiss Surfcom 120A Profilometer
 - Olympus, American Optical and Bausch & Lomb Stereo microscopes for detailed visual inspection
 - Video Inspection and Image Capturing System for visual analysis