

KMS Facilities List

Facility

KMS Machine Works, Inc. occupies a 23,000 sq. ft. facility on Route 44, four (4) miles west of Taunton Center, 10 minutes from Routes 495 and 24, and 20 minutes from Providence, RI.

Manufacturing Equipment

CNC Citizen — Swiss Manufacturing – 32, 20 and 16 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
- **4 Model L-32**, with IEMCA auto-loading bar feeders
- **3 Model M-20**, with SMW bar feeders
- **1 Model L-16-VI**, five (5) axis sliding head screw machine

CNC Multi Axis Turn-Mill Machining – 42 mm bar capacity

- **Miyano BNA 42DHY Multi axis turn-mill center w/auto loading bar feeder**
- **Miyano BNA 42GTY Multi axis turn-mill center w/auto loading bar feeder**

CNC Turning - Conventional

- **1 Okuma LB-15 II-MW** w/sub-spindle and live tooling. LNS auto-load bar feeder – 2 in. bar capacity
- **3 Okuma LB-15** turning centers - capacity 16 in. \varnothing x 20 in. lg. with 1.75 & 2.50 in. \varnothing through spindle
- **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 R650X1** Speedio high speed three (3) axis Palletized CNC milling machine
- **1 Brother TC-229** high-speed, three (3) axis, machining center: 14 in. x 18 in. travels 10,000 rpm spindle
- **2 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

Specialty machining

- **1 Fellows Model 36-6** gear shaper
- **1 BMS Vertical twin tool broaching machine**

Manufacturing Support

- Fully equipped tool room, model shop and extensive deburring capability
- **DURR 80C EccoClean** fully automated and self-contained cleaning machine

Quality Assurance

ISO-9001:2015 Registered

Quality Control

Carl Zeiss CMM, Eclipse model 550, with RDS/RST articulating, auto-changing probe system, Zeiss Calypso software and QC Calc™ Statistical Software package
Starrett Electronic Bench Micrometer & Z-Mike Laser Mics. (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 – Digital automatic - Hardness Tester
Carl Zeiss Surfcom 120A Profilometer / Precitech Form Measurement System (0.000010 resolution)
Video Inspection and Image Capturing System for visual analysis

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