EDM Contours Inc.

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ISO 9001:2008 FM 559939 ISO 13485:2003 FM 558778

FACILITIES LIST

TURNING:

(1) Tsugami SS26 7-Axis CNC Swiss with Fanuc 32i-B Twin Path Control.
10,000 RPM Spindles, 24 Tools, 1000 PSI High pressure coolant.

(2) Tsugami SS20 7-Axis CNC Swiss with Fanuc 31i-A Twin Path Control.
10,000 RPM Spindles, 24 Tools, 3000 PSI High pressure coolant.

(1) KIA SKT-250SY 5-Axis CNC Turning Center with Fanuc 18i-TB Control.
Live tooling, Y-Axis, full sub spindle, 3òthrough spindle capability.

(1) KIA SKT-21L 2-Axis CNC Turning Center with Fanuc 0i-TB Control

MILLING:

(1) Daewoo Mynx500 3-Axis CNC Machining Center with Fanuc 21-M Control.
20òx 40òx 22.6òin Z Travels, 8000 RPM Spindle, 20HP Spindle, 20 ATC

EDM:

(2) Sodick AP500 MK21 submersible Wire EDMôs with Automatic Wire Threaders.
.1 micron (4 millionths) glass scales for ultra high precision cutting.
EF-II high finish circuitry for superior surface finishes of 8 RMS.
Table travels are 14" x 20" cutting up to 11" thick and up to 30Átaper angle.

(1) Sodick AP350 MK21 submersible Wire EDM with Automatic Wire Threader.
.1 micron (4 millionths) glass scales for ultra high precision cutting.
EF-II high finish circuitry for superior surface finishes of 8 RMS.
Table travels are 7" x 14" cutting up to 9" thick and up to 30Átaper angle.

(1) Sodick K1C Small hole EDM
.008òto .125ò capacity.

PROTOTYPING:

(1) 3D Systems SLA-3500
13.8òx 13.8òx 15.7ò capacity, min. feature size .012ò, min. layer thickness .004ò, typical layer size .006ò

INSPECTION:

(1) Zeiss Eclipse 550 CMM
Calypso 4.10 Software, RDS Fully Articulating Head w/Vast XXT scanning head

(1) Keyence IM-6501 E Series Image Dimension Measuring System

(1) TESA-SCOPE II 355H-Plus Profile Projector

MISC:

(1) Solidworks 2011 Office Professional, step, iges, dxf & parasolid converters
(1) SolidCAM 2011 Mill-Turn (Turning, Milling & 5-Axis turning) Package

Various tooling, inspection and support equipment for all machines above.