



# SATURN

TOOL & DIE (WINDSOR) INC.

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SATURN TOOL & DIE (WINDSOR) INC.

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## EQUIPMENT LIST

### CAD/CAM SYSTEM

5 - Computer Workstation

NOTE: - Sware in use includes AUTOFORM , CATIA, UNIGRAPHICS/NX, POWERMILL, and SMIRT

### CO-ORDINATE MEASURING MACHINE

1 - DEA BETA CMM 130" X 80" X 59" (direct computer controlled using PCDMIS sware)

1 - DEA Model 3406 PJM CMM 128" X 38" X 24" (direct computer controlled using PCDMIS sware).

1 - DEA GAMMA CMM Model 2203 59" X 40" X 40" (direct computer controlled using PCDMIS software).

1 - White Light 3D Scanner with Two 5 Megapixel Cameras DA500. Polyworks/Inspector Software.

### MILLING MACHINES

1 - Parpas XS Gantry Milling Center. (Dimensions 216" x 108" x 54"). Equipped with a Heidenhain 640 HSCI model controller.

1 - FPT Area 394" (10,000mm) x 137" (3,500mm) x 60" (1,500mm) horizontal floor type high speed milling machine - (equipped with Heidenhain TNC 530I controls)

1 - FPT Synthesis - M60 236" X 98" X 49" horizontal floor type high speed milling machine - (equipped with Fidia M30 CNC controls)

1 - Parpas ML100 236" X 98" X 39" horizontal floor type milling machine - (equipped with Fidia F1 CNC controls).

1 - FPT LEM 935 138" X 79" X 49" horizontal milling machine (equipped with Fidia F1 CNC controls).

1 - Parpas BF-C1 80" X 40" X 42" Equipped with a Heidenhain CNC Controller.

1 - Doosan DNM 500 40" x 21" x 20" Vertical Machining Center (equipped with Fanuc controls)

1 - Doosan DNM 750 64.2" x 30" x 25.6" Vertical Machining Center (equipped with Fanuc contols) 1

1 - Stanko #4 vertical milling machine.

1 - Tos #5 horizontal milling machine.

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1 - Hitachi Seiki #4 vertical milling machine

6 - First milling machines (12"x 42")

2 - Bridgeport milling machine (12" X 42").

### RADIAL DRILLS

2 - Tos radial drills 60" arm

1 - EMA radial drill 50" arm

1 - Archdale radial drill 80" arm

1 - Archdale radial drill 90" arm

1 - Tos radial drill 30" arm

2 - Kao Ming 30" arm