

## Equipment List (Cascon is ISO 9001:2000 certified)

### CNC Turning Centers

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FORTUNE V-TURN 46	68" center distance, 30" max. turn dia.
(2) FORTUNE V-TURN 36	36" center distance, 18" max. turn dia.
(2) YCM TC-26	27" center distance, 18" max. turn dia.
YCM TC-36W	35" center distance, 23" max. turn dia.
YCM GT-250A	22" center distance, 13" max. turn dia.
YCM GT-250MA	22" center distance, 13" max. turn dia., live tooling
VICTOR TNS-5	36" center distance, 18" max. turn dia.
VICTOR TNS-3H	18" center distance, 10" max. turn dia.
(2) VICTOR TNS-1A	10" center distance, 6" max. turn dia.
TAKEMAZ X-18	8" center distance, 8" max turn dia., w/ robotic loader
HWACHEON HiTech 200A	16" center distance, 13" max. turn dia., w/ 2" bar feed capacity

### CNC Machining Centers

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(3) KIWA KNH-400 HMC	22"x 24" travel, 6 pallets, full 4 axis
KIWA KH-45g HMC	25"x 27" travel, 6 pallets, full 4 axis
KIWA KNH-426x HMC	24"x 24" travel, 6 pallets, full 4 axis
KIWA V-21iR VMC	16"x 24" travel, 2 pallets
OKUMA-HOWA MILLAC 415V VMC	16"x 22" travel
HOWA MSN-500VJC VMC	12"x 16" travel, 2 pallets
YCM TC-51V VMC	12" x 20" travel, 2 pallets
(3) YCM V-158B VMC	34" x 60" travel
YCM XV1020A VMC	20" x 40" travel
YCM WV-108B VMC	30" x 44" travel
(2) ACROLOC AF15-32 VMC	16"x 32" travel
CINCINNATI ARROW 750 VMC	20" x 30" travel, full 4 axis

Machining Centers and Turning Centers are Ethernet linked DNC and utilize Mastercam CAD/CAM software.

### Conventional Equipment

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#### Turning

Fortune Heavy Duty Engine Lathe, 32" swing x 80" center distance

#### Milling

Victor Series II Vertical Mill

(2) Bridgeport Series I Vertical Mill

#### Grinding

Toyoda GE-4 CNC O.D. Anglehead Grinder, 12.6" x 19.6"

Kent KGS-63AHD Automatic Surface Grinder, 12" x 24"

#### Honing

Sunnen ML-2000 Power Stroker Hone

Sunnen Cylinder King, 6" bore x 15" length capacity

Sunnen Hone, 1/8"-3 1/4" bore capacity

#### EDM

(2) Fanuc Alpha OiA/ AWF Wire EDM

#### Support Equipment

DoAll C-3300NC Automatic Horizontal Band Saw, 13" capacity

Amada HA-250W Automatic Horizontal Band Saw, 10" capacity

Kalamazoo Horizontal Band Saw, 6" capacity

Everett Abrasive Cut-off Saw, 7.5 hp, 2"x 5" capacity

Ooya Radial Drill, 4' arm, 16" column

Greenerd 50 Ton Open Gap Straightening & Broaching Press

Mecco Pneumatic Marking Machine

Telesis Pneumatic Pinstamp Machine

Forklift & Jib Crane Capacity to 5,000#

#### Inspection Equipment

Complete temperature controlled inspection area including:

Mitutoyo Crysta Apex-C 7106 CNC CMM

Mitutoyo "Bright" 504 CNC CMM