



1806 Gunn Highway  
Odessa, Florida 33556  
(813) 343-5080 • Fax: (813) 343-5085  
Email: fcm@fla-mold.com

## FACILITY AND EQUIPMENT LISTING

### ➤ GENERAL

#### FACILITIES:

36,000 Square Feet – Office & Manufacturing (FL) - FCM  
30,000 Square Feet – Paint & Assembly Facility (FL) - FCM  
7,000 Square Feet – Tool Design & Development (FL) - FCM  
24,000 Square Feet – Manufacturing (Dominican Republic) - CCM  
35,000 Square Feet – Manufacturing (China) - CMG

#### SPECIAL SERVICES:

Same Day Freight – Numerous Options Available  
Rapid Response Quoting  
GoToMeeting  
FCM Hosted Cloud File Server

---

### ➤ CAD CAM (FCM/CCM/CMG)

#### SOFTWARE

**CAD:** Solidworks  
Pro/E  
Cimitron  
CadKey  
UG

**CAM:** Master Cam  
Pro/NC  
Cimitron  
Smart Cam

---

### ➤ TOOLING/FCM

#### CNC MACHINING CENTER

- (1) Chevalier CNC  
- (2) HAAS CNC's  
- (1) 60X30 Fadal CNC  
- (1) OKK VM-5

#### MILLING MACHINES

-(2) Bridgeport, Series (Vertical Milling Machines)

➤ **TOOLING CONTINUED**

**ELECTRICAL DISCHARGE  
MACHINING**

- (1) MS80 Hansvedt 41: x 63: (EDM CNC z=26")
- (1) Charmilles Roboform 35
- (1) Charmilles 2LC CNC
- (1) Hansvedt Table Top

**SURFACE GRINDERS**

- (1) Okamoto 16x48
- (2) Harig 612

**MEASURING DEVICES**

- (1) Micro VU M501 Measuring System

**MISC**

- (3) Enterprise Model 1810 Lathe
  - (1) Cincinnati Radial Drill
  - (1) Dake Hydraulic Press
  - (1) Texas Air Sonics Abrasive Dry Ice Jet Machine
  - (2) Ultra Sonic Polisher
  - (1) Lstron Mold Water Line Cleaner
- 

➤ **TOOLING/CCM – CHINA /DOMINICAN TOOLING**

**CNC MACHINING CENTER**

- (1) V-10 CNC
- (1) Fadal CNC

**ELECTRICAL DISCHARGE  
MACHINING**

- (1) Hansvedt EDM
- (1) ZNC EDM
- (1) Wire EDM

**MILLING MACHINES**

- (4) Milling Machines

**SURFACE GRINDERS**

- (1) Large Surface Grinder
- (3) Precision Grinder

**WELDER**

- (1) Precision Welder
- 

**TOOLING/CMG**

**CNC MACHINING CENTER**

- (1) V-10 CNC
- (6) 650 CNC Engraving & Milling Machine
- (1) 850 CNC

<u>ELECTRICAL DISCHARGE</u>	- (3)	ZNC-450 EDM
<u>MACHING</u>	- (1)	540 EDM
<u>MILLING MACHINES</u>	- (5)	Milling Machines

---

## MOLDING/FCM

## TOTAL – 21 INJECTION MOLDING MACHINES

➤ INJECTION MOLDING MACHINES	- (1)	28 Ton Trueblood Shuttle
	- (1)	50 Ton Sumitomo
	- (1)	55 Ton Engel
	- (1)	85 Ton Van Dorn
	- (2)	100 Ton Engel
	- (1)	170 Ton Van Dorn
	- (2)	198 Ton Nissei Electric
	- (1)	200 Ton Van Dorn
	- (2)	230 Ton Van Dorn
	- (1)	300 Ton Engel
	- (1)	300 Ton Van Dorn
	- (1)	450 Ton Van Dorn
	- (1)	500 Ton Toshiba
	- (1)	500 Ton UBE
	- (1)	720 Tone UBE
	- (1)	940 Ton Battenfeld w/Robot
	- (1)	1,000 Ton UBE
	- (1)	1,000 Ton UBE w/Robot

---

## ➤ MOLDING/CCM

## TOTAL – 18 INJECTION MOLDING MACHINES

INJECTION MOLDING MACHINES	- (1)	75 Ton Kawaguchi
	- (1)	75 Ton Van Dorn
	- (1)	76 Ton Newbury (Vertical)
	- (1)	80 Ton Kawaguchi
	- (3)	125 Ton Kawaguchi
	- (1)	150 Ton Van Dorn
	- (1)	150 Ton Sumitomo
	- (1)	180 Ton Van Dorn
	- (5)	180 Ton Kawaguchi
	- (1)	300 Ton Van Dorn
	- (1)	318 Ton Kai Ming w/Vision Camera
	- (1)	400 Ton Van Dorn

---

➤ **MOLDING / CMG**

**TOTAL – 19 INJECTION MOLDING MACHINES**

**INJECTION MOLDING MACHINES**

- (1) 50 Ton KM
  - (1) 75 Ton Vertical Rotary
  - (3) 80 Ton Kai Ming w/Robot
  - (2) 98 Ton Kai Ming w/Robot
  - (2) 138 Ton JM
  - (2) 148 Ton Kai Ming w/Robot
  - (3) 168 Ton JM
  - (3) 208 Ton Kai Ming w/Robot
  - (1) 318 Ton Kai Ming
  - (1) 480 Ton – BT
- 

➤ **QUALITY/FCM**

**EQUIPMENT**

- (1) Micro-Vu Excel 4220
  - (1) Suburban Master View Comparator
  - (4) 24" x 36" Starrett Surface Places
  - (1) Set 0" to 12" Micrometers
  - (3) Sets of Gauge Blocks
  - (2) Sets - .011 to .500 Gauges
  - (1) Mark – 10 Corp, Force Gauge up to 500 lbs.
  - (1) Omnimark MK2 Moisture Analyzer
  - (1) Dynisco Melt Flow Analyzer
  - (1) Durometer Tester
-

## ➤ OTHER SERVICES

- Mold Texturing
- Mold Engraving
- Wire EDM
- Jig Grinding
- Thread Grinder
- Ultra-Sonic Welding
- Heat Staking & CNC Heat Staking
- Electrical & Component Assembly
- Ecoplate (1)
- Hard Coating – (1,2)
- Electro Plating (Out Sourced)
- Vacuum Metalizing (Out Sourced)
- Hot Stamping
- Pad Printing
- Silk Screening (1,2)
- Painting w/Robotics (2,3)
- Gas Assist Molding (1,2)
- Offshore Component Sourcing
- Insert Molding
- 4 Post Molding CNC's
- CNC Gluing /Form in Place Gasket (1,2)
- Over molding
- 2 Shot Molding (3)
- IMD/IML (3)
- EMI/RFI Shielding (1,2)
- Vision Camera Safety (2,3)
- FDA/GMP Assembly (3)

**IF NOT MARKED, WE OFFER AT ALL DIVISIONS**

- 1) FCM ONLY**
- 2) CMG ONLY**
- 3) CCM ONLY**

**MEMBER - BETTER BUSINESS BUREAU OF WEST FLORIDA**  
**MEMBERS - SOCIETY OF PLASTICS ENGINEERS**  
**MEMBERS: DUN & BRADS**