

# C & M TOPLINE

Quality Finishing Equipment at Affordable Prices



Made in USA



800-827-1333

C & M TOPLINE 5945 DALEY ST., GOLETA CA 93117

# C & M TOPLINE

## ***VIBRATORY FINISHING EQUIPMENT***

Thank you for inquiring about our Vibratory Finishing Equipment. We have been manufacturing quality Vibratory Finishing machines since 1972. We make a full line of equipment ranging from a 6.5 cubic foot rectangular deburring machine to a 22 ounce tumbling barrel. In addition, C & M TOPLINE produces Bar Rotary Tumbler Bases with various sizes of Rotary Tumbling Barrels. All of our equipment is manufactured in the USA and carries a one-year warranty.

### **GENERAL INFORMATION ABOUT DEBURRING**

**MEDIA:** There are numerous types of media. However for deburring, most shops use just two types of media; plastic and ceramic. Both come in many different shapes and sizes as well as many levels of formulation or aggressiveness. In selecting media you need to figure out the shape and size as well as how aggressive the media needs to be. For shape and size you would want to pick a media that will get into the smallest places of your parts but not get lodged. Plastic media is usually used for deburring aluminum. Ceramic media is used for steel and stainless steel. Larger media will tend to be more aggressive than small media given it is the same composition. Smaller media will generally give your part a better finish. Big media will give faster burr removal and longer media life. The main objective is that you do not select media that will become lodged in your part. Please refer to the attached brochure on media.

**FLUID SYSTEM & COMPOUND:** During the deburring process, water and compound are circulated through the machine. The compound is a cleaner with different additives depending on the type of material you are deburring (i.e., aluminum, steel, stainless steel, brass, copper, zinc, etc). The compound lubricates and cleans the media as well as the parts. This is an important part of the process. You should select a compound that is designed for the material you are deburring, polishing or cleaning. Please refer to the attached brochure on compounds.

**RUN TIMES:** For most aluminum parts to get an edge break it will take about 30 minutes of run time. To achieve a uniform look to your aluminum part the common run time will be from 45 minutes to 1-1/2 hours. For steel parts with ceramic media the run times may be longer depending on how much deburring needs to be done 45 minutes to 2 hours is common. Stainless steel run time can be as long as 3 or 4 hours due to the hardness of the steel. Run times will be shorter in a bigger machine because there is more weight on the part as it goes to the bottom of the tank. In addition, the bigger machines tend to be more aggressive.

Please call us with any of your deburring questions.

# 3 & 6.5 CUBIC FOOT RECTANGLE VIBRATORY FINISHING MACHINES



**300DB**  
**3 Cubic Foot**



**600DB**  
**6.5 Cubic Foot**

## **MODEL 300DB**

- INSIDE TANK DIMENSIONS:  
Length 31", Depth 13", Width 13-1/2"
- MOTOR: 1HP, Single Phase, 110 Volts,  
12.2 F.L.A. or 220 Volts, 6.2 F.L.A
- SHIPPING WEIGHT: 400 Lbs

## **BOTH MACHINES INCLUDE:**

- 5" round discharge door, with discharge trough
- Heavy gauge steel construction coated with rust-preventive enamel paint
- Sound reduction cover & anchor bolts
- Polyurethane liner made from the finest quality material available and oven cured
- Complete fluid circulation system including pump, fluid container, all necessary hoses and fittings
- Dividers are available for both machines

## **MODEL 600DB**

- INSIDE TANK DIMENSIONS:  
Length 35", Depth 18-3/4", Width 18"
- MOTOR: 3-HP, Three Phase, 230 Volts,  
8.8 F.L.A. or 440 Volts, 4.4 F.L.A.
- SHIPPING WEIGHT: 740 Lbs

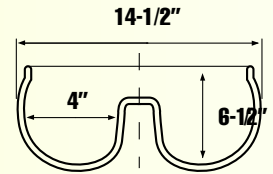
**BOTH MACHINES ARE AVAILABLE  
IN SINGLE OR THREE PHASE  
AND 220V, 50 HZ**

# BENCH TOP VIBRATORY BOWLS



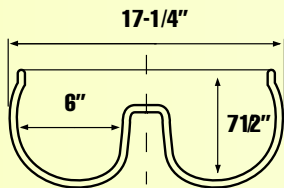
**TLV 25**  
**.25 Cubic Foot**

- 2" DUMP CHUTE WITH POLYURETHANE EXPANSION PLUG AND BOWL DRAIN
- HEAVY-DUTY POLYMER BOWL
- ADJUSTABLE AMPLITUDE
- SOUND COVER
- WORKING CAPACITY: 1/4 CU.FT. (8 QT)
- MOTOR: 1/4 HP, 115V, 60 HZ
- WEIGHT: 40 LBS
- OVERALL HEIGHT: 19-1/2"



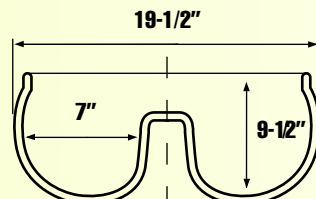
**TLV 50**  
**.50 Cubic Foot**

- 2-1/2" DUMP CHUTE WITH POLYURETHANE EXPANSION PLUG AND BOWL DRAIN
- HEAVY-DUTY POLYMER BOWL
- ADJUSTABLE AMPLITUDE
- SOUND COVER
- WORKING CAPACITY: 1/2 CU.FT. (16 QT)
- MOTOR: 1/2 HP, 115V, 60 HZ
- WEIGHT: 60 LBS
- OVERALL HEIGHT: 26-1/2"



**TLV 75**  
**.75 Cubic Foot**

- 3" DUMP CHUTE WITH POLYURETHANE EXPANSION PLUG AND BOWL DRAIN
- HEAVY-DUTY POLYMER BOWL
- ADJUSTABLE AMPLITUDE
- SOUND COVER
- WORKING CAPACITY: 3/4 CU. FT. (24 QT)
- MOTOR: 1/2 HP, 115V, 60 HZ
- WEIGHT: 70 LBS
- OVERALL HEIGHT: 29"



ALL MACHINES ARE AVAILABLE IN 220V, 50 HZ



**STAND WITH TIMER AND FLUID SYSTEM  
FOR TLV-75, -50 OR -25 (Shown below with TLV-75)  
Each piece available separately or as complete unit.**

**V-100 Stand**

Heavy Duty, rotational molded polyethylene with rubber pads on the bottom

**V-102 Fluid System**

Seven gallon pail, "Little Giant" pump, pump bracket flow valve, all necessary fittings and hoses

**V-104 Timer**

Stand or wall mounted six hour timer with separate switch for pump housed in a powder coated steel case with 7' cord. May be used with our 300DB as well as TLV 75, 50, 25

**V-105**

All the above items sold as a complete unit. (TLV-75 sold separately.)



**V-104**



**V-105**

# C & M TOPLINE ROTARY TUMBLER BASES

- REINFORCED FIBERGLASS BASE
- PRECISION GROUND URETHANE BARS
- AVAILABLE IN 2 SPEED OR VARIABLE SPEED
- 115 VOLTS 60HZ

## 2 BAR MINI MAX

Dimensions: 23"L x 16"W x 13"H  
Bar Length: 9-1/4"  
Bar Distance: 4-1/2"  
Electrical: 1/3HP, 115V, 60HZ  
RPM 1725/1140  
Shipping Weight: 60LBS



## 3 BAR

Dimen: 36"L x 19"W x 13-1/2"H  
Bar Length: 24"  
Bar Distance: 3-1/2"  
Electrical: 1/3HP, 115V, 60HZ  
RPM 1725/1140  
Shipping Weight: 70LBS



## 2 BAR

Dimen: 36"L x 19"W x 13-1/2"H  
Bar Length: 24"  
Bar Distance: 7-1/2"  
Electrical: 1/3HP, 115V, 60HZ  
RPM 1725/1140  
Shipping Weight: 70LBS

ALL MACHINES ARE AVAILABLE IN 220V, 50 HZ

# C & M TOPLINE ROTARY TUMBLER BARRELS

**TL-6  
8 GALS**



**BARRELS:** ARE MOLDED FROM HIGH DENSITY POLYETHYLENE

**COVERS:** STAINLESS STEEL WITH NEOPRENE EXPANSION PLUGS EASY ACCESS WITH A POSITIVE LOCK AND SEAL

**TL-3  
1.5 GALS**



**TL-4  
2.5 GALS**



**TL-2  
3.5 QTS**



**TL-1  
22 FL.OZ**



	TL-1	TL-2	TL-3	TL-4	TL-6
<b>DIMENSIONS (dia x ht)</b>	5" X 4-1/2"	8-1/4" X 5-1/2"	10-1/2" X 7"	10-3/4" X 10-1/2"	16" X 15"
<b>BARREL OPENING</b>	3"	4"	4"	4"	7-1/4"
<b>TOTAL CAPACITY</b>	22 FL OZ	3.5 QTS	1.3 GALS	2.5 GALS	8 GALS
<b>RPM'S (LOW/HIGH)</b>	90/127	52/80	40/56	38/53	25/40
<b>SHIPPING WEIGHT</b>	2 LBS	3 LBS	4 LBS	5 LBS	10 LBS
<b>MAX BARRELS THAT FIT:</b>					
2-BAR	0	4	3	2	1
3-BAR	8	0	0	0	0
MINI-MAX	2	2	1	1	0
<b>CERAMIC MEDIA TO FILL</b>	1LB	5LB	10LB	20LB	65LB

# C & M TOPLINE 3-BAR ROTARY TUMBLER - VARISPEED

**SHOWN WITH 8 TL-1 IOL BARRELS**  
**IDEAL FOR INTRAOCULAR LENSES (IOL),**  
**DELICATE JEWELRY AND MEDICAL INSTRUMENTS**

BASE DIMENSIONS: 36"L x 19"W x 13"H  
BASE WEIGHT: 70 LBS  
BARREL DIMENSIONS: 5" X 4-1/2" - 22 Fluid Ounces  
BARREL RPM'S: 1 RPM to 120 RPM  
MOTOR: 1/4 HP, 115V, 60 HZ  
Also available in 220V, 50 HZ



- SEAMLESS REINFORCED FIBERGLASS BASE
- PRECISION GROUND URETHANE BARS
- VARIABLE SPEED



**TL-1 IOL BARREL**  
Delrin Plug-Type Cover  
with silicone "o" ring seal

**Manufactured and Distributed by :**

**C & M TOPLINE**

**5945 DALEY STREET, GOLETA CA 93117**

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**FAX: (805) 683-4468 TEL: (805) 683-1196**