



The leader in Vibratory Finishing since 1959

## **BOAT PROP FINISHING**

*by UltraMatic Equipment Co.*

### **TIRED OF POLISHING PROPS BY HAND?**

Then the PORTABURR "cut and color" polishing is for you. We have developed a process that eliminates time consuming polishing by hand. The PORTABURR can hold up to 3 props at one time and features removable tub dividers that keep props from impinging each other during the process. The PORTABURR runs quiet, utilizes a EPA friendly abrasive media and liquid compound, has a low operator work height and operates on 110 volt single phase and 230 volt single phase standard. 230/460 3 phase is optional.

PORTABURR 5  
MACHINES



Your operator will enjoy working with the machine as loading and removal of parts is easy and there are no adjustments to make during the process. You just turn the machine on, load the parts, close the sound cover lid, set the optional timer and walk away! The PORTABURR is for final finishing only and you will still need to grind welds and "prep" the prop with a 180 to 220 belt. The PORTABURR is a heavy duty workhorse that will run all day and night saving you time, labor and unlike buffing wheels is a very clean process.

### **STANDARD FEATURES**

#### **PATENTED OVERHEAD DRIVE (OHD)**

This Ultramatic exclusive produces a high energy vibrating action for faster processing time and uniform mass roll. The OHD design reduces the horsepower for energy efficient operation while extending both the bearing and urethane lining life making it far superior to under drive tubs.

**HEAVY DUTY TUB** is of all welded steel construction reinforced by gusset plates. The tub is stress relieved and shotpeened for maximum durability.

**RUGGED URETHANE LINING** is cast up to 5/8" thick in the high wear areas and is abrasion resistant to withstand heavy loads. A removable urethane tub drain is provided for easy cleanout.

**SOUND REDUCTION PACKAGE** consists of a hinged base mounted cover which stays on the unit, and foam lined metal cabinet which helps keep noise levels as low as 80DbA.

**REMOVABLE TUB DIVIDERS** made of solid polyethylene keep parts separated during the process.

### **PORTABURR SPECIFICATIONS**

| MODEL       | PROCESS CAPACITY CUBIC FT. | LINED TUB WIDTH | LINED TUB LENGTH | LINED TUB DEPTH | LINING THICKNESS | MOTOR HP | SHIP WT. |
|-------------|----------------------------|-----------------|------------------|-----------------|------------------|----------|----------|
| PORTABURR 3 | 3                          | 15 "            | 28 "             | 15 "            | 1/2 "            | 3/4      | 650#     |
| PORTABURR 5 | 5                          | 18 "            | 34 "             | 17 "            | 5/8 "            | 2        | 850#     |



**CLOSEUP OF PROPS IN THE DRY  
POLISHING MEDIA.  
NOTE THE REMOVABLE TUB DIVIDERS TO  
KEEP PROPS SEPARATED**

|   |   |   |   |
|---|---|---|---|
| STAINLESS STEEL PROP<br>PREP PRIOR TO VIBE PROCESS<br>180 TO 220 GRIT BELT USED | STEP 1: CUT DOWN<br>MEDIA TYPE<br>CERAMIC MEDIA | STEP 2: PRE POLISH<br>MEDIA TYPE<br>PLASTIC | STEP 3: POLISH<br>MEDIA TYPE<br>DRY POLISHING MEDIA |
|---|---|---|---|



**BEFORE**



**AFTER**

EVEN THE TOUGHEST STAINLESS STEEL PROPS CAN BE POLISHED TO MIRROR FINISHES BY THE 3 STEP ULTRAMATIC PROCESS. BRONZE AND ALUMINUM PROP POLISHING MAY ONLY REQUIRE 2 STEPS.



***HON-AN-CUT* PREFORMED MEDIA**

We manufacture a variety of *HON-AN-CUT* ceramic and plastic media in a variety of compositions for deburring , finishing, polishing and radiusing any metal. Try our line of *ULTRAFINISH* biodegradable liquid chemicals for burnishing , emulsifying light oils, descaling and rust inhibiting parts.

Our no charge laboratory service can help you determine the best combination of media and compound for your application.

UltraMATIC EQUIPMENT CO.  
848 S. Westgate Drive  
Addison, IL. 60101



PHONE: (480) 951-6000  
FAX: (630) 543-4569  
sales@ultramatic-equipment.com  
www.ultramatic-equipment.com