

# TECHNOVIBE

Model BV3B



Designed and manufactured in our factory in Melbourne and offered with a 5 year warranty the Technovibe range offers entry level pricing with a variety of upgradeable options (see over page). This machine is a full industrial duty bowl machine capable of performing all the usual surface finishing operations using a

variety of medias and chemicals. From vigorous de-burring to gentle state of the art polishing.

All machines are supplied with an IP65 rated variable speed control unit that allow the machine to operate from a conventional single phase outlet.

## Basic

### Specifications

| Model | Capacity Litres | Bowl Dia (mm) | Trough Section (mm) | Overall Height (mm) | Motor kW | Ship Wt. kg |
|-------|-----------------|---------------|---------------------|---------------------|----------|-------------|
| BV3B  | 90              | 760           | 240 X 300           | 915                 | 0.5      | 110         |

# Detailed

## Technical Specifications

### Work Chamber:

The precision engineered, steel fabricated chassis which carries our powerful, purpose designed, vibratory motors, is stress relieved after machining and totally encased in a revolutionary hot cured polyurethane shell. Featuring a **minimum wall thickness of 25mm**, Shore hardness on wear areas is 65D with a UTS of 30MPa and UE of 450%.

### Motor:

Direct, flange mounted vibration motor. Housed as an integral part of the machine, this specially constructed unit is designed for use on either 220/230V/1ph/50-60Hz supply. Nominal rating is 0.5kW.

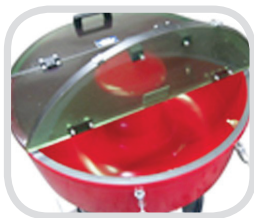
### Base:

Cast in one piece from a specially formulated polyurethane the base is non corrosive and virtually indestructible.

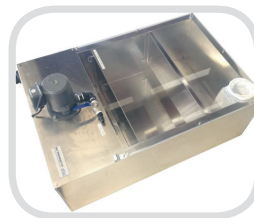
### Control Unit:

IP65 rated programmable control unit that is designed to allow the machine to operate from a single phase mains input. The unit allows variable process control speeds. Forward and reverse functions and incorporates a mains isolator.

## Options



Fixed to bowl sound/splash control lid.



Compound re-cycling system complete with basic solids filtration. Fitted with single phase pump and under over baffle plates.



Compound & water dosing system. Incorporating adjustable water flow meter and chemical dosing pump allowing precise regulation of water and compound to the finishing process.



**BV PRODUCTS**  
surface improvement technologies



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