

TECHNOVIBE

Model BV3DR



Designed and manufactured in our factory in Melbourne and offered with a 5 year warranty the Technovibe DR 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 deburring to gentle state of the art polishing. The DR series also has BV Products unique

auto reverse unload and separation system that enables parts to be sorted from media – the latter being returned to the machine while parts are discharged over the screen for collection.

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
BV3DR	90	815	280 X 350	940	0.5	160

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 35mm**, 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 415/220/230V/3ph/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.

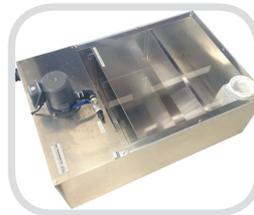
Control Unit:

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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