

Vacmobile HRTS series



8 m³/h pump

2.5 litre resin trap

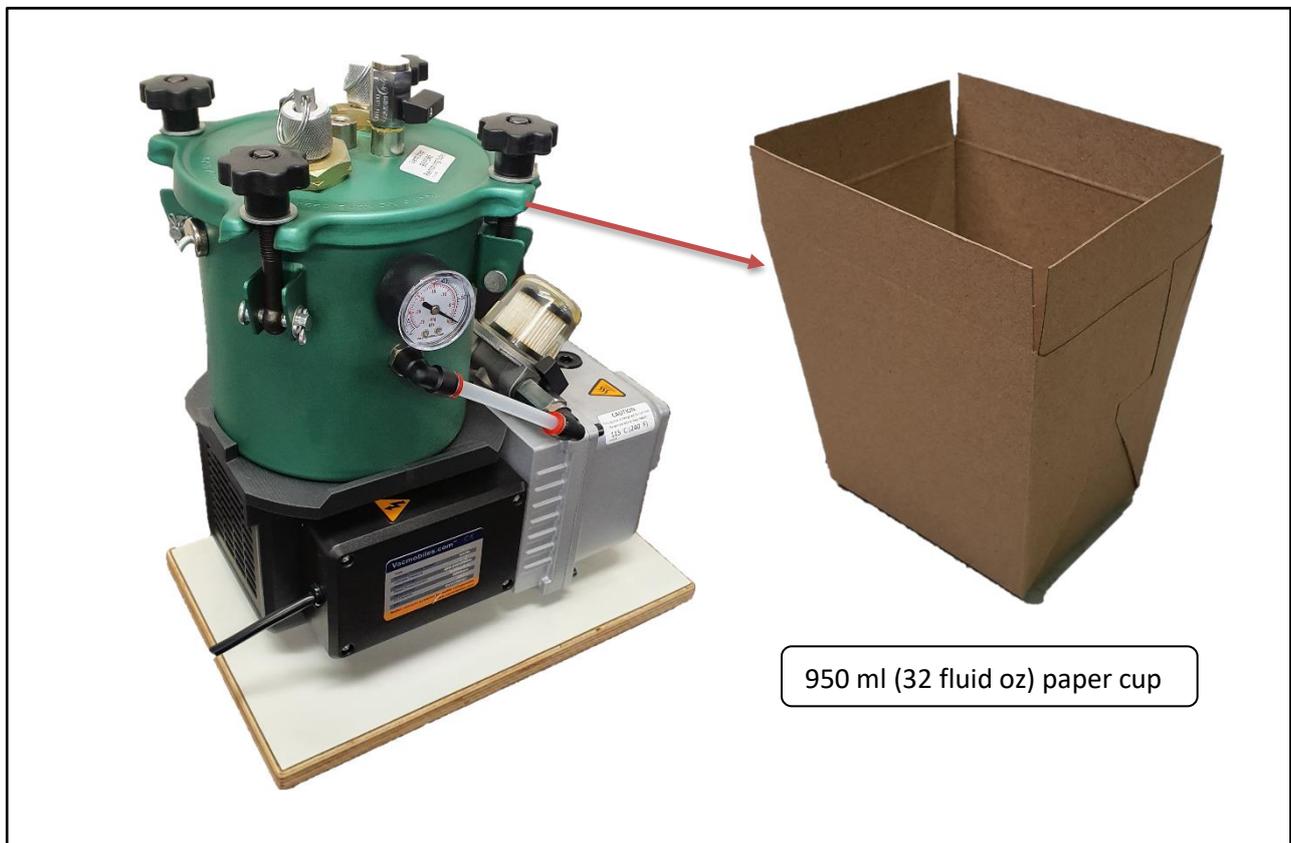
Standard paper cup
catchpot

Vacmobile HRTS –small-trap series, using standard paper food cups for catchpots

The Vacmobile HRTS series is the first in a new generation of Vacmobile designed for the hobby user that demands high quality equipment at limited cost. The Teflon coated compact trap uses a standard paper food cup as the replaceable resin catchpot. The paper cups supplied with the machine have a resin catching capacity of 950 ml.

The primary uses of the HRTS series are the manufacture of moderate-sized laminates using resin infusion, vacuum bagging over wet laminate or pre-preg methods. The maximum laminate size that can be infused by an HRTS series machine very much depends on the experience of the laminator, especially familiarity with the use of wide peel ply resin breaks around the perimeter of the laminate. (For further information on wide peel ply resin breaks, please see our website note “Peel ply resin breaks” (http://www.vacmobiles.com/peel_ply_resin_breaks.html)).

HRTS system

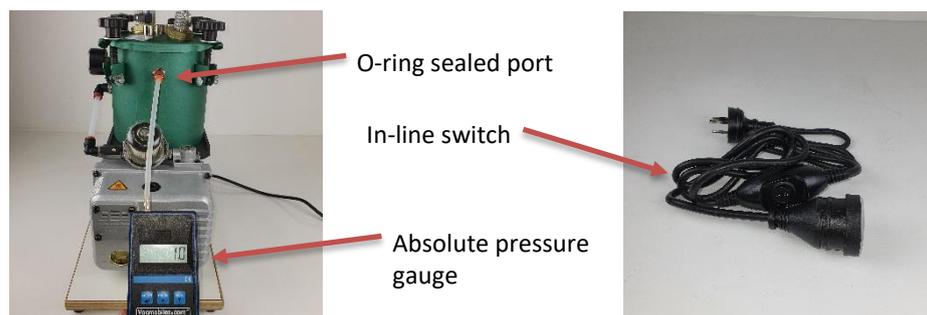


950 ml (32 fluid oz) paper cup

Vacmobile HRTS

Specifications

Vacuum pump	Single phase powered continuous duty oil sealed vacuum pump
230 V + or - 5% 115 V + or - 5%	Vac mobiles VSV-8. 50 Hz capacity 8 m ³ /h (4.7 cfm) 2880 rpm. Vac mobiles VSV-8. 60 Hz capacity 9.6 m ³ /h (5.6 cfm) 3440 rpm.
Vacuum level	Adjustable from ~55% vacuum (~450 mbar absolute) to the pump's maximum vacuum:
VSV-8 pump	10 mbar, 1000 Pa, 7.5 Torr, 99% vacuum*, 29.6" Hg*, -99 kPa*, -14.55 psig* *Please note that the standard "analogue gauge" vacuums are weather and altitude dependent*
Resin catchpot	Disposable paper cup of 950 ml (32 fluid ounces) capacity. 10 spare cups are supplied with the machine. Similar capacity cups will be available in most countries.
Tubing connections	The high integrity sealing quality and almost nil maintenance requirement of the Vac mobile O-ring sealed tubing connections has been proven for more than 20 years. The O-rings seal on the outside of extruded tubing, such as polyethylene, nylon and PVC. Standard connection sizes suit the following tubing outside diameters: 3/8" to 10 mm 12.0 mm to 12.5 mm 1/2" to 13 mm 5/8" to 16 mm 19 mm to 3/4". Adaptors available to suit 1/2" and 3/4" inside diameter tubing.
Controls	This provides for the following functions: vacuum bleed, analogue vacuum gauge, pump inlet filter and pump isolation valve.
Vacuum integrity	All HRTS-series resin traps are tested to achieve vacuum leak rates of less than 1 mbar per hour (or more than 1,000 hours to leak back to atmosphere).
Dimensions	Length: 290mm (11.4") Width: 200 mm (7.9") Height: 350 mm (13.8")
Weight range	12.2 kg (approx. 27 lbs)
Optional accessories	<ul style="list-style-type: none">• Absolute vacuum gauge.• O-ring sealed connection port for absolute pressure gauge• Extension lead with an In-Line switch to allow the pump to be turned on and off remotely.



Warranty No fuss, as new repair, or complete replacement warranty applicable worldwide.

"The design is fantastic and very robust! I like it!! I find it perfect in every aspect. Very compact too!"
GE India Technology Center, India