

Vacmobile Modular 2S machines are delivered in 2 packages, which are usually strapped together on one plywood pallet. (This may not always be possible where there are weight restrictions for freight.) The larger package contains the mobile docking cart and the vacuum pump. The smaller carton contains the resin trap. If the packages are opened as shown below, unpacking will be simple and the packaging reusable.

Unpacking the larger package (the docking cart and vacuum pump)

<p>Remove the outer plastic film and cut the plastic strap(s).</p>		
<p>Lift the complete carton off the plywood base to expose the cart and vacuum pump.</p> <p>Cut the 2 nylon ties securing the machine to the plywood base.</p>		
<p>Lift the machine off the plywood base. Leave the castor brakes locked until assembly has been completed.</p>		
<p>Find the bag containing the instruction manual, also the oil for the vacuum pump.</p>		

Unpacking the smaller package (the resin trap)

Cut the strap(s) and open the top flaps. Remove upper packaging foam until the trap lid and handles are exposed. Steel lid resin traps have 4 handles/lid clamps. Aluminium lid resin trap have 2 handles/lid clamps.

If other items such as the disposable catchpots have been packed above or around the trap, remove any items accessible from the top.



Lift the resin trap out of the carton using the handles.

If foam blocks have been used, remove them from around the trap body.



Remove the trap lid.

For the steel trap lid, unscrew the clamps and swing the clamps free.

For the aluminium trap lid, push down on the handles and rotate them through approximately 90° in either direction. This will disengage the lock to allow the lid to be lifted off the trap body.

Remove the contents from the catchpot. These will include the handles for the docking cart.



Complete assembly and prepare for operation as described in the instruction manual supplied with the machine, with the two key steps being adding oil to the vacuum pump and making sure there is a catchpot in the resin trap. See below.

ADD OIL TO THE VACUUM PUMP!

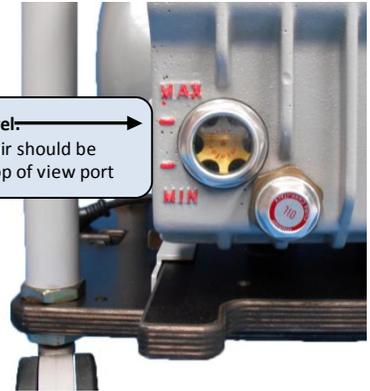
The pump must be filled with the correct grade of oil before use. For the pump models fitted to the 2S, the correct grade will be an ISO 68 (SAE 20) vacuum pump oil. Approximate fill volumes are:

Pump Model	Amount ml/pints
PVR EM12/B	330 ml/0.7 pint
PVR EM20/B	450 ml/0.9 pint
Becker U4.20	450 ml/0.9 pint
PVR EM28/B	750 ml/1.5 pints

DO NOT OVERFILL! Fill to $\frac{3}{4}$ level on the sight glass maximum.



Max oil level: →
Bubble of air should be visible in top of view port



Make sure the catchpot is in the trap!

If the machine is being set up for an application where resin may be sucked into the machine, make sure there is a catchpot in the trap!

Refit the trap lid.

