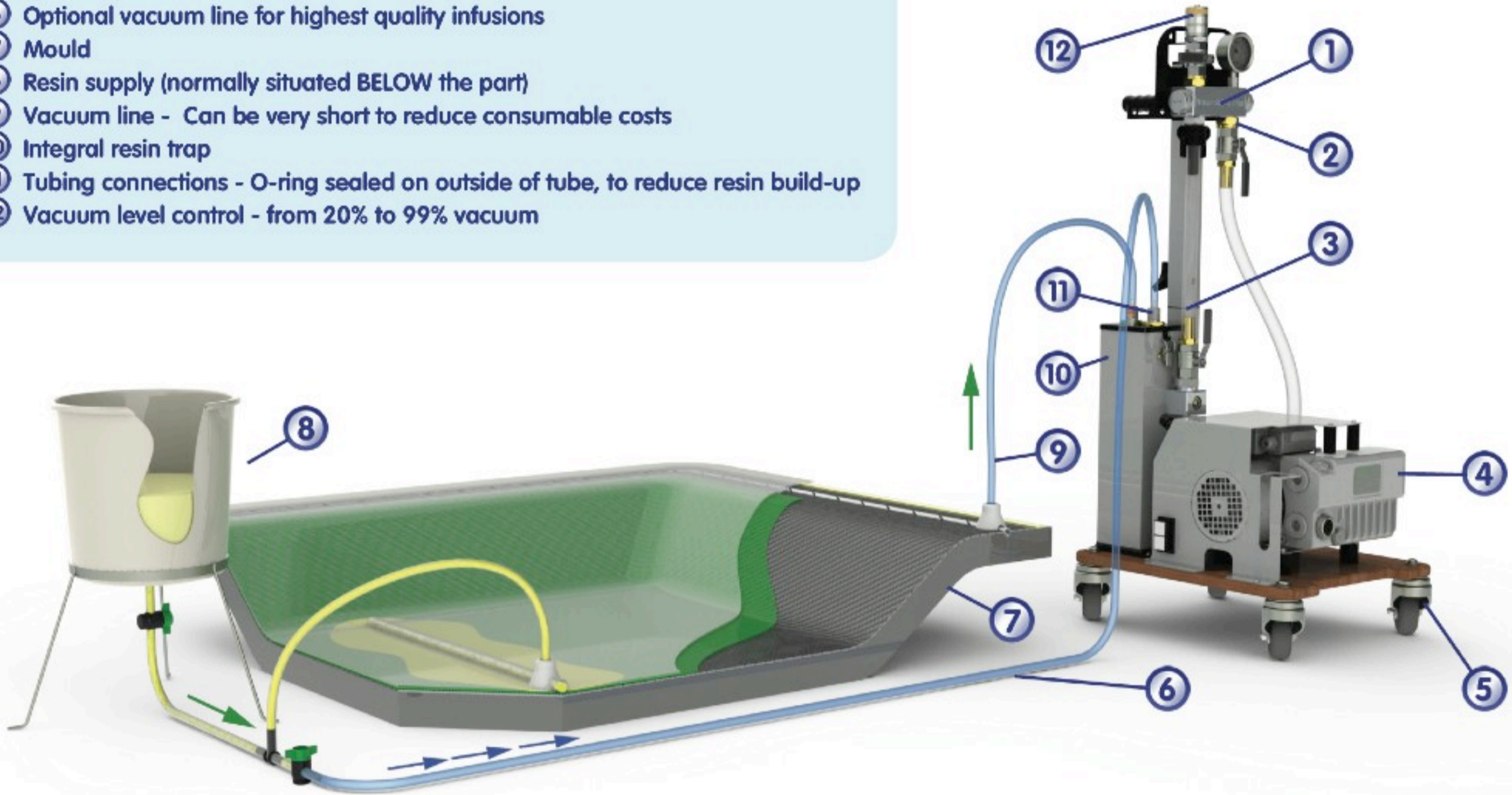


- ① Rugged, leak-tight manifold
- ② Critical joints - double locked and sealed
- ③ Height reduces for transport
- ④ Continuous duty rated vacuum pump
- ⑤ Mobile - use anywhere
- ⑥ Optional vacuum line for highest quality infusions
- ⑦ Mould
- ⑧ Resin supply (normally situated BELOW the part)
- ⑨ Vacuum line - Can be very short to reduce consumable costs
- ⑩ Integral resin trap
- ⑪ Tubing connections - O-ring sealed on outside of tube, to reduce resin build-up
- ⑫ Vacuum level control - from 20% to 99% vacuum



Vacmobiles are proven to be reliable and convenient sources of vacuum for resin infusion, prepreg and other composites applications. Here's why ...

Vacmobiles generate vacuum at the point of use – allowing short vacuum lines & better vacuum in the part.

Vacmobiles only need single phase power and may be taken close to the work, allowing short vacuum lines. Short vacuum lines cut consumable costs, reduce leakage and cycle times and improve product quality. Having the vacuum source close to the work simplifies process control and work scheduling. Floor clutter is reduced and safety improved. Vacmobiles are easily run off single phase generators, allowing them to be used for composite repairs and construction in remote areas.

Vacmobiles are simple and inexpensive to maintain.

All parts of a Vacmobile requiring service are easily accessible. In plants with multiple Vacmobiles, individual units can be serviced one at a time without disrupting the entire plant.

Vacmobiles are robust and easy to use, and reliably offer individually adjustable vacuum levels to better than 98%.

All models utilize rugged aluminum manifold blocks. These, with careful attention to all construction details, ensure leak tight joints over a long working life. Vacuum level control - which is crucial for many composites applications - is built-in.

Far more cost effective and versatile than central vacuum pump and ring main systems.

Unlike compressed air, vacuum is not easily shared between duties requiring different vacuum levels. In plants with multiple vacuum applications at various vacuum levels, the capital cost of multiple Vacmobiles can be much less than that of a central system delivering the required performance to all duties. In large plants, the use of multiple Vacmobiles can lead to significant operating cost savings through reduced energy consumption and simplified job sharing. Providing back-up power for a few critical Vacmobiles will be much less expensive than providing back-up power for a large central system.

Easily adapted to a variety of vacuum applications.

When not required for bagging or infusion, Vacmobiles can be used for other vacuum applications such as vacuum holding parts to be trimmed, for lifting parts from moulds and for veneer pressing. Because Vacmobiles are independent systems, each one can be operated at the optimum vacuum level and at any time to suit its specific application without affecting vacuum levels elsewhere. Job scheduling becomes much simpler.

Flexibility of ownership.

Many aspects of the composites industry are changing rapidly and Vacmobiles are ideally suited to changing needs. The vacuum capacity of a Vacmobile-based plant is easily added to or reduced – or relocated.