



Mobile vacuum system with vacuum sources and resin trap

The unit SK1MOVAC is mobile vacuum equipment offering an excellent mobility in the composite shop – by using quick disconnection system. The system is placed on mobile lightweight aluminum platform as single phase powered. The MOVAC can be used in different composite manufacturing processes, like vacuum resin infusion, double bag infusion, RTM light and as well for vacuum debulking operations.

The resin traps are easy to remove and reconfigure, because they are placed on the platform without tools. The traps and vacuum control devices can be remotely located if requested.





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CART COMPONENTS	TECHNICAL CHARACTERISTICS
Mobile platform	Light aluminum structure 500mm x 1050mm x 850mm (WxLxH) with 2 levels. Equipped with 4 industrial wheels of Ø50mm and max. loading each 60kg. Two wheels are moveable with locking breaks, being easy to handle
Quick disconnect system	3 plugs SK2VV232-4: 2 plugs on the frame of the cart in front of each trap and on the top of each trap 1 plugs
Vacuum pumps	PVR EM20 Single phase 50 Hz capacity 18 m³/h and 60 Hz capacity 21 m³/h
Vacuum level	Adjustable with special vacuum regulator from approximately 0% vacuum to the pump's maximum vacuum, as follows: PVR EM20 - 2 mbar (200 Pascal), 99,98% vacuum
Vacuum manometers	Range: 0 - (-1) bar Graduations: -0,02 bar Accuracy: +/-1,6%
Vacuum trap	System equipped with resin trap series: SK3VAC-15L with volume of 14,7 liters. Each tank is equipped with: <ul style="list-style-type: none"> ▪ Polypropylene pail for resin trapping aimed at preventing the tank from contamination; ▪ Vacuum gauge; ▪ Valve for manual flow control; ▪ 4 clamping fittings for the tube with external diameter 12mm to connect resin channels. (Fittings for tubes 10mm and 16mm are available on special order)

CONFIGURATION

Name	SK1MOVAC-1V1T	SK1MOVAC-2V1T	SK1MOVAC-2V2T	SK1MOVAC-1HV1T
Quantity of vacuum pumps	1 (capacity 18 m³/h)	2 (capacity 18 m³/h)	2 (capacity 18 m³/h)	1 (capacity 28 m³/h)
Quantity of vacuum traps	1	1	2	1

NOTES

Please contact us for more detailed information as well as for system development according to your technical specification. Standard warranty period: 12 months.