



# TECHNICAL DATA SHEET

## SK1RTM-POLY

### RTM, RTM-Light and Infusion Injection Unit for vinyl- and polyester resins

#### ► DESCRIPTION

SK1RIM-POLY injection unit for vinyl- and polyester resins permits to inject up to 2 gallons of polyester resin per minute under controlled pressure.

It is used for serial production of parts made of vinyl- and polyester resins. Injection unit is suitable for use with RTM, RTM-Light and Infusion processes. The unit allows injecting resin directly from original packing (container of 250 l).

Usage of low speed airless pump reduces operating costs and prolongs service life time. Airless pump with capacity of 14 l/min, with suction tube 1 inch (2, 54 cm) for 55 gal. (250 l) is linked to a stainless catalyst pump HPC 2000.

The system puts the slave pump for catalyst next to the resin pump bracket which keeps the slave pump from push on and perturbation of components dosing. The thumb wheel control gives you for the first time an initiate variable catalyst ratio control from 0,8 to 3,9 %, even without stopping the injection process.

Catalyst line is equipped with safety relief valve, and ball stainless steel valve to relieve the pressure manually and a gauge to check the catalyst pressure.

A mixing –block type HR with manual valves provides fast cleaning due to air flush and solvent.

The unit has 9 l stainless steel solvent tank.

Long hoses for supply of resin components (7,5 meters between pumps and mixing block) define wide operating space.



**SK1RIM-POLY-14**



**SK1RIM-POLY-28**

The system is mounted weather on fixed basis, or on mobile platform with lock-up wheels.



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Reference for order	Capacity	Type
SK1RIM-POLY-14	14 l/min	RTM6
SK1RIM-POLY-28	28 l/min	RTM6-6 HO

► **NOTE**

Please contact us for more detailed information as well as for system development according to your technical specification.

Standard warranty period: 12 months.