

5/01 Vario vacuum casting system

From prototypes through to low volume production, Renishaw vacuum casting systems are proven solutions – high quality, repeatable, cost effective components in a wide range of materials.

System description

Featuring:

- Automatic mixing and pouring operation
- Programmable PLC control and automation to ensure consistent quality
- Touch-screen control panel
- Simple to navigate menu system
- Small system footprint ideal for small workshops
- Vario-Vac[™] for casting high viscosity resins
- · Heated cup option

With the capability to cast:

- · Polyurethane resins
- Wax for investment casting masters and low melt alloys with the heated cup option
- High viscosity resins using the Vario-Vac[™] differential pressure system

System specification



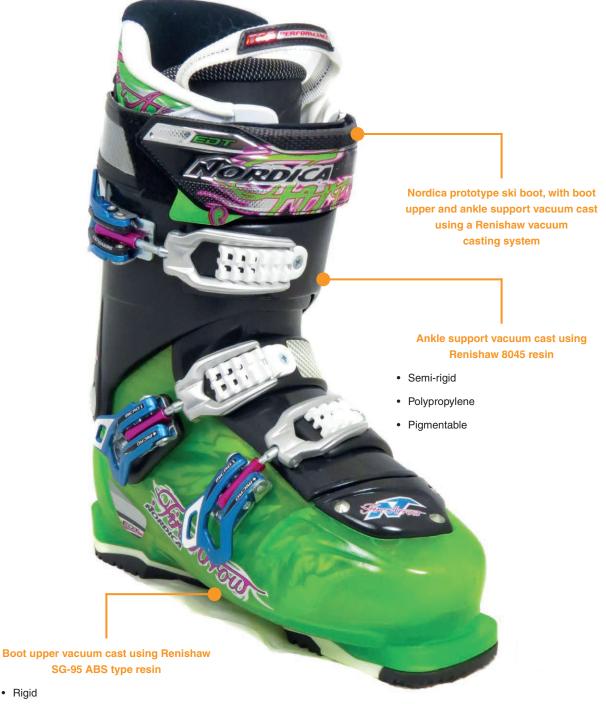
Dimensions without accessories	1175 mm × 900 mm × 594 mm
$(H \times W \times D)$	(46.2 in × 35.4 in × 23.3 in)
Maximum recommended mould size	520 mm × 445 mm × 425 mm
$(H \times W \times D)$	(20.4 in × 17.5 in × 16.7 in)
Casting capacity	0.8 L
	(48.8 cu/in)
Power supply	230 V, 50 Hz – other power supply configurations are available
Pump capacity	25 m³/hr
	(883 cu/ft/hr)
Ultimate vacuum	0.5 mbar
	(7.25 psi)
Gross machine weight	267 kg
	(589 lb)
Features	PLC control and automation – to ensure consistent casting
	Vario-Vac™ differential pressure system for casting high viscosity resins
Options	Heated cup - suitable for casting high quality wax masters and low melt alloy
Support	Maintenance packages
	Training programmes – tailored to suit your requirements
	Consumables – including PU resins and silicone rubbers

Renishaw plc

Brooms Road, Stone Business Park Stone, Staffordshire, ST15 0SH United Kingdom

+44 (0)1785 285000 т F. +44 (0)1785 285001 E uk@renishaw.com www.renishaw.com





· Similar to ABS

• Rigid

- Pigmentable
- Good optical properties
- · Suitable for low temperature applications

Renishaw's engineering grade polyurethane resins include:

- · FDA grade wet and dry food use
- PE/PE types
- Flexible 20 A to 90 A shore rubber
- UL94 V=0 FAR part 25 certified aerospace grade
- Cast nylon PA6

For worldwide contact details, visit www.renishaw.com/contact

RENISHAW HAS MADE CONSIDERABLE EFFORTS TO ENSURE THE CONTENT OF THIS DOCUMENT IS CORRECT AT THE DATE OF PUBLICATION BUT MAKES NO WARRANTIES OR REPRESENTATIONS REGARDING THE CONTENT. RENISHAW EXCLUDES LIABILITY, HOWSOEVER ARISING, FOR ANY INACCURACIES IN THIS DOCUMENT.



© 2016 Renishaw plc. All rights reserved.