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STAR VACUUM CHAMBER RANGE

The Star VM and VMS are a range of bench mounted and free standing vacuum chamber sealers. Available with either single or multiple program controllers they are ideal for food, medical and electronics applications. The built in vacuum pump operates on closure of the chamber lid with the rest of the vacuum and weld cycle being automatic, releasing the lid on completion.

Heat Sealing Solutions

Star Universal has been manufacturing heavy duty and specialist heat sealing machines since 1967. Our continued efforts in product development have placed us at the forefront of heat sealing technology.

Our machines vary from standard bag sealers to bespoke equipment producing shaped welds on a variety of different plastic and laminated products.

We supply equipment to a full cross section of businesses including international blue chip companies, local and national government departments as well as smaller enterprises.

Our commitment to building a quality product ensures the best results from our machines, with a minimum of maintenance for years to come.

Bench mounted single program chamber vacuum sealers with timed vacuum and weld cycle. No gas flush available.



VMS43 chamber size 280mm x 340mm x 85mm, one 270mm x 3.5mm single seal.

VMS53 chamber size 280mm x 340mm x 85mm or 130mm, one 270mm x 3.5mm single seal.

VMS113 chamber size 350mm x 420mm x 150mm, one 340mm x 3.5mm double seal.

VMS133 chamber size 420mm x 420mm x 180mm, one 410mm x 3.5mm double seal.

Oil filled vacuum pump from 4m³/h to 16m³/h. Stainless steel chamber and body. Single phase 230V power supply, maximum consumption 0.55kW.

Bench mounted nine program chamber vacuum sealers with measured vacuum and timed weld cycle. Gas flush option.



VMS123 chamber size 350mm x 420mm x 150mm, one 340mm x 3.5 double seal.

VMS153 chamber size 420mm x 420mm x 180mm, one or two 410mm x 3.5mm single seal.

VMS163 chamber size 420mm x 500mm x 180mm, one or two 410mm x 3.5mm single seal or one 410mm x 5mm double seal.

Oil filled vacuum pump from 16m³/h to 21m³/h. Multiple cycles available no gas flush machines. Stainless steel chamber and body. Single phase 230V power supply, maximum consumption 1.0kW.

Bench mounted vertical vacuum chamber sealers with measured vacuum and up to nine programs available.



VMS153V maximum product size 380mm x 80mm x 330mm with adjustable bag support plate, 380mm x 3.5mm double seal.

VMS153VC maximum product size 380mm x 80mm x 270mm with custom built forming cassette to produce a brick shaped pack, 380mm x 5mm double seal.

Oil filled vacuum pump 21m³/h. Single phase 230V power supply, maximum consumption 1.0kW

FREE STANDING ON CASTORS OR LEVELLING FEET

Free standing 9 program chamber vacuum sealer with measured vacuum and timed weld cycle. VMS stainless steel body chamber, VM stainless body and aluminium chamber. Gas flush option.



VMS153FH chamber size 420mm x 420mm x 180mm, one or two 410mm x 3.5mm double seal.

VMS163FH chamber size 420mm x 500mm x 180mm, one or two 410mm x 3.5mm double seal or one 410mm x 5mm double heat seal.

Oil filled vacuum pump 21m³/h . Single phase 230V power supply, consumption 1.0kW.

VMS173 chamber size 690mm x 460mm x 110mm, two 450mm x 3.5mm double seal.

VMS193 chamber size 890mm x 320mm x 100mm, two 310mm or one 310mm and one 890mm x 3.5mm double seal.

VM203 chamber size 610mm x 520mm x 230mm, two 510mm x 3.5mm double seal or two 510mm x 5mm double heat seal.

VMS223 chamber size 600mm x 520mm x 200mm, one 590mm or two 510mm x 3.5mm double seal.

VMS233 chamber size 630mm x 540mm x 200mm, two 510mm x 3.5mm double seal or two 510mm x 5mm double heat seal.

VM303 chamber size 820mm x 560mm x 235mm, two 790mm, two 550mm or one 790mm and one 490mm x 3.5mm double seal or 5mm double heat seal.

VMS333 chamber size 840mm x 580mm x 200mm, two 550mm, two 790mm or one 790mm and one 490mm x 3.5mm double seal or 5mm double heat seal.

Oil filled vacuum pump 40m³/h to 100m³/h. Three phase 400V power supply, maximum consumption 3.5kW.

Free standing 9 program double chamber vacuum sealers with measured vacuum and timed weld cycle. VMS stainless body and chamber, VM stainless body and aluminium chamber. Gas flush option.



VM243 chamber size 450mm x 580mm x 235mm, two 440mm x 3.5mm double seal or 5mm double heat seal.

VMS253 chamber size 760mm x 540mm x 240mm, two 610mm x 3.5mm double seal or 5mm double heat seal.

VM263 chamber size 760mm x 540mm x 240mm, two 610mm x 3.5mm double seal or 5mm double heat seal.

VM273 chamber size 570mm x 820mm x 235mm, two 540mm x 3.5mm double seal or 5mm double heat seal.

VMS283 chamber size 760mm x 880mm x 210mm, two 610mm x 3.5mm double seal or 5mm double heat seal.

VMS503 chamber size 1150mm x 880mm x 230mm, two 1090mm, two 840mm or three 1090mm x 3.5mm double seal or 5mm double heat seal.

VMS883 chamber size 990mm x 950mm x 210mm, two 830mm x 3.5mm double seal or 5mm double heat seal.

Oil filled vacuum pump 63m³/h to 250m³/h. Three phase 400V power supply, maximum consumption 9.0kW.

VMS custom vertical vacuum chamber sealers



For products that are not capable of fitting in the above range of machines custom build units can be manufactured. These are built to suit a customer's individual requirements and can have forming cassettes, roller conveyor built in. All require a 3 phase electrical supply and may require a compressed air supply. The machine rating will depend on the size of vacuum pump that is fitted. Other features such as gas flushing can be included in the specification.