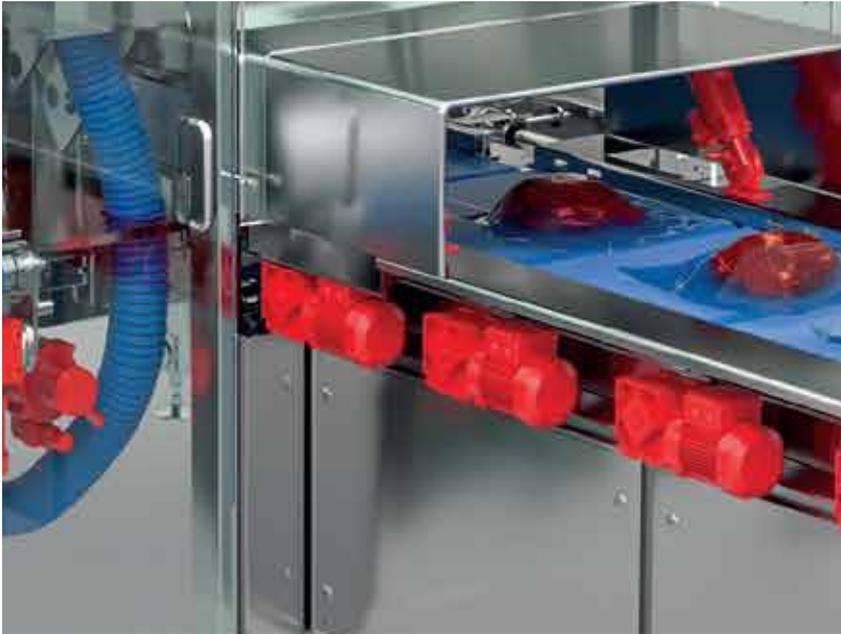
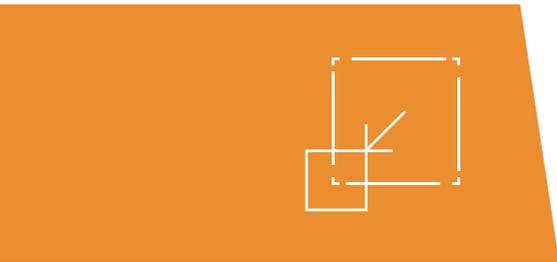


STARVAC SYSTEMS HIGH-SPEED JUPITER 445 INCREASED CAPACITY – REDUCED FLOORSPACE



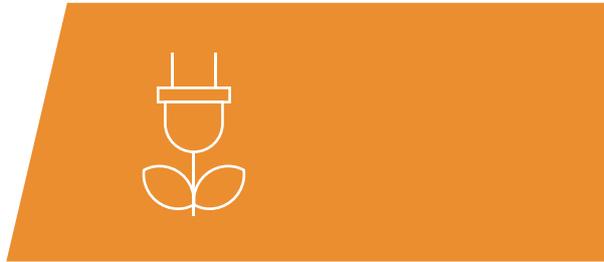
One major vacuum packaging challenge faced today is how to increase production capacity while minimizing floorspace. Intelligent machine design with higher productivity is the solution. The StarVac Systems Jupiter 445 high-speed inline vacuum packaging machine has a highly efficient design with a reduced footprint. The costs of investment, operation and servicing are low, and it has a minimized environmental footprint. This makes the high-speed Jupiter 445 a future-proof solution for vacuum packaging beef, lamb, pork, poultry, cheeses, seafood and other foods in a standard maximum product size of 800 mm x 430 mm x 230 mm.

PRODUCTIVITY StarVac Systems Jupiter 445 is a new concept in inline high-speed vacuum packaging machines. We've shifted the packaging process to the side and created a scalable and modular solution with patented oscillating dual chambers. This allows virtually continuous product flow at 40 packs per minute (ppm). New efficiencies in infeed conveying, vacuum generation, vacuum chambers (including innovative valve technology) and data management make it more productive than conventional rotational and inline designs.



REDUCED FOOTPRINT At StarVac Systems we looked at the footprint of conventional machines and developed a more-compact design. The overall footprint is significantly reduced compared to rotational designs, and with multiple machines the production capacity is up to one-third higher than for conventional inline designs on the same floorspace. Optimized use of floorspace, increased facility productivity, and a cleaner layout of new and existing production facilities are the benefits.

SUSTAINABLE The Jupiter 445 is highly sustainable, producing up to 60% less CO2 than conventional solutions. Vacuum is generated by energy efficient dry screw vacuum technology, and no central lubrication system is required, resulting in fewer waste products.



RELIABILITY & LOW SERVICE COST StarVac Systems Jupiter 445 is manufactured in Germany from high-quality components available worldwide. It is low-maintenance and parts replacement can easily be performed in-house by technicians. Local and global service support is guaranteed by StarVac or StarVac certified service partners. Furthermore, service and warranty options include remote (IOT) performance monitoring and efficiency diagnosis. "Our biggest challenge was space and throughput. The beauty of the StarVac machine is that it has allowed us to grow and evolve our processing capacity." Tony Kairouz, Cedar Meats Australia.

CLEAN UP YOUR FLOORSPACE JUPITER 445

JUPITER 445 INLINE DESIGN

CONVENTIONAL ROTATIONAL DESIGN

The StarVac Systems Jupiter 445 inline packaging machine is designed and manufactured in Germany for high-speed vacuum packaging of foods at a rate of up to 40 packs per minute (ppm). This hygienic machine is ideal for vacuum packaging beef, lamb, pork, poultry, cheeses and seafood.

The size and shape of the Jupiter 445 allow a minimum replication area for multiple machines. Features include reduced energy consumption, minimum footprint, and environmental friendliness through reduced CO2 emissions. Dry screw vacuum technology dispenses with the need for centralized lubrication systems. Dual oscillating vacuum chambers are located on each side of a smart conveyer with product indexing, and each vacuum chamber is capable of single chamber operation. Furthermore, the temperature of all seal bars in each chamber can be individually controlled. Innovative high-speed valving technology offers greater efficiency over rotary valves and a touch screen integrated into the front panel of the machine makes it easy to use. Jupiter 445 is constructed of the highest quality components, with vacuum technology from Busch Vacuum Pumps and Systems. It has a hygienic all-stainless-steel design, with sensors for washdown operations from SICK. Furthermore, customized complete systems are available consisting of an automated infeed unit, the Jupiter 445 vacuum packaging machine, shrink tunnel and dryer.

COMPANY

StarVac Systems designs and builds fully automatic vacuum packaging systems Made in Germany. We specialize in high- and medium-speed packaging systems, and complete customized systems, including efficient and cost-effective alternatives to conventional tray sealers and roll stock machines. Our individual engineering solutions include processing room design and support, as well as energy consulting. Furthermore, we provide consumables in formats such as bags, films and pouches, as well as top, bottom and roll stock shrink films. From our two main offices in Loerrach, Germany, and Melbourne, Australia, StarVac Systems maintains an international sales and service network to meet all our customers' needs anywhere in the world.