



JAGUAR

Special Pumps



The modular and intelligent system that ensures simple and efficient operations: an innovative model for your projects.

**POSITIVE
DISPLACEMENT
PROGRESSIVE
CAVITY
PUMP**

SIMPLY CLEVER Series

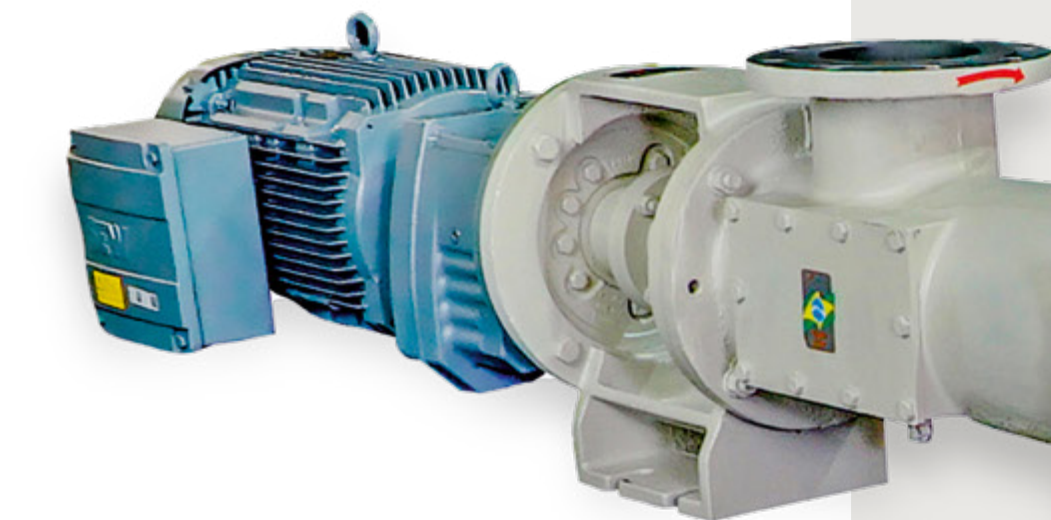
JAGUAR PROGRESSIVE CAVITY PUMP

SIMPLY CLEVER

SMART TECHNOLOGY



EXCLUSIVE BACK- PULL-OUT SYSTEM



The Jaguar Progressive Cavity Pump stands out in the market due to its innovative sealing system. In addition, it presents a series of unique design features:

- ▶ The drive shaft sealing system allows the same seal housing to be used for both mechanical seals and gland packing, offering flexibility in the choice of sealing systems.
- ▶ In case of wear during use, the gland packing or mechanical seal can be easily replaced using the exclusive Back-Pull-Out system. This eliminates the need for full disassembly of the pump, resulting in time and resource savings.
- ▶ A unique feature of this design is the hardened wear sleeve over the drive shaft, designed for gland packing sealing systems. Replacement of this bushing, when needed, is done efficiently through the Back-Pull-Out system, preventing the shaft from being welded at the wear point, ensuring leak-free performance.
- ▶ The split-type Gland Packing Tightener makes it easier to replace the gland packing on the drive shaft without disassembling the pump, making maintenance simpler and faster.

PROTECTIVE BELLOWS FOR UNIVERSAL JOINT AND GLAND PACKING HOUSING



The body of the Jaguar Progressive Cavity Pump – Simply Clever Series – features four enlarged inspection ports that allow removal of the Universal Joints from the drive and coupling shafts for replacement in case of damage or failure. Unlike other progressive cavity pumps, this system reduces the need for full disassembly, saving time and resources during maintenance.

INSPECTION WINDOW FOR UNIVERSAL JOINT MAINTENANCE



The Universal Joints connecting the drive and coupling shafts are composed of flange systems with four stainless steel 304 bolts, plus a hardened removable drive pin. This ensures simple replacement of the Universal Joints due to the expanded size of the inspection windows.



FLEXIBLE MODEL

Thanks to its expansion capability, the Jaguar Simply Clever Series Progressive Cavity Pump can adapt to larger stator and rotor assemblies without needing to replace the pump, making it highly flexible to meet future increased flow demands.



SPECIALIZED DESIGN

The Jaguar Simply Clever Series Progressive Cavity Pump was specially designed for pumping highly abrasive materials and those with high solids content (measured in °Brix).

APPLICATION SEGMENTS



OIL



FOOD



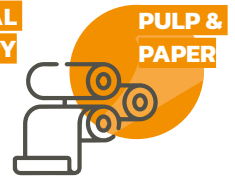
SUGAR &
ETHANOL



WASTEWATER
TREATMENT



CHEMICAL
INDUSTRY



PULP &
PAPER



SPECIALIZED AFTER-SALES

JAGUAR Special Pumps is a reference in services and solutions for progressive cavity pumps, offering spare parts, specialized consulting, and maintenance services with its own fleet of specialized equipment. With an experienced Development Engineering department and a comprehensive portfolio of spare parts – including stators, progressive cavity rotors, and more – we ensure the efficiency of your industrial operations. Count on us to optimize and maintain the exceptional performance of your pumping equipment.



UNIVERSAL JOINTS



STATORS



ROTORS



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