



## TOTAL STAINLESS STEEL MIXER/MOTOR RANGE MEETS HIGHEST HYGIENE STANDARDS

After a global search lasting over a year for a source for stainless steel AC motors compatible with its range of stainless steel mixers, Euromixers Ltd of Stockport has at last found a supplier.

“We looked in Europe, North America and Asia for a range of stainless steel motors”, Howard Stafford said, “but, in the end, we found a supplier in the UK, Marlin Stainless, a division of Lafert Electric Motors.”



Howard Stafford also said that although he could find large stainless steel motors, Marlin Stainless was the only company that offer a range of motors covering frame sizes from 63 to 132 with power ratings from 0.18 to 7.5 kW with the added bonus of being IP66 rated, ideal for pressure hose wash downs.

Euromixers specialises in manufacturing stainless steel mixers to meet the hygiene standards of the food and drinks, pharmaceutical and cosmetics industries. Now the company can offer a comprehensive range of mixers of all stainless steel that will match the most demanding hygiene standards.

The Marlin Stainless 3-phase motors are all metric IEC machines. This gives OEMs and end users complete inter-changeability with existing motors, both as original build components and as retrofit items.

The corrosion resistance and hygienic characteristics of these 304 stainless steel motors – no paint to chip or flake - are enhanced by the motors' smooth exteriors, having no cooling fins or nameplates (data is etched into motor body) to harbour germs and dirt. Complementing these hygienic design features are an NTN Blue double lip seal and a GAMMA seal fitted on the shaft to guard against any risk of ingress to the motor.

For internal protection against moisture, and provide compatibility with inverter control, the motor stator windings are double vacuum and pressure impregnated and phases are insulated.

To overcome the inherent condensation problem associated with electric motors exposed to internal and external temperature differences, the Marlin motors have four quadrant drain ports in each end shield that will accept 'T' drain plugs on removal of grub screws. This ensures that there will always be a drain plug at the lowest point of the motor.

END

Issued on behalf of:

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