



VITOMIX

A New High Efficiency Mixer from Hosokawa Micron

The Vrieco Nauta range of conical blenders has been synonymous with high efficiency mixing for many years and now a new development from Hosokawa Micron adds to the range. The VITOMIX is a mid shear mixer capable of achieving high mixing accuracy in a very short time.

A key feature of the VITOMIX is its extremely compact design being only partly conical in form, compared to the full conical shape of the Vrieco Nauta series. The same mixing volume is achieved with far less structural height. This can sometimes be a distinct advantage in mixing system design.

The use of higher speed double ribbon screws with their large diameter, means that the transport capacity is up to eight times higher than the original Vrieco Nauta series. This creates a faster mixing process which is also extremely efficient even at low linear screw speeds.

For even more flexibility two large multi purpose high speed lumpbreakers are incorporated into the vessel wall which enables more liquid to be injected into the batch without undesirable lump formation. This feature is especially useful when liquids have to be combined with cohesive powders.

The VITOMIX discharge valve is designed to fit flush with the vessel wall and is compact as well as easily cleaned. A large easy access door in the mixer vessel facilitates easy cleaning and maintenance.

VITOMIX is available in eight standard sizes from 500 to just over 13,000 litres and has applications that include food, pharmaceutical and metals industries and can be used for free flowing products, difficult cohesive materials , slurries and pastes.

