

YTRON® - ZHV

High Shear Inline Homogenizer for emulsification or wet milling

A typical solution for many applications in the field of Food-, Pharmaceutical, Chemical and Cosmetic Industries is the use of a High Pressure Homogenizer. YTRON-ZHV may be a real alternative for your process, offering an important added value.

YTRON-ZHV is designed for peripheral speeds of up to 60 m/s. Several different configurations are available. For instance a simple change of tooling converts the special execution for emulsification of droplets into an efficient wet mill for size reduction in suspensions.

YTRON-ZHV 0 offers the additional benefit of conversion into a high efficiency powder disperser by a simple change of the inlet housing. Typically the benefit is a remarkable increase in both economical and physical efficiency.



In a good number of applications, the effect achievable with YTRON-ZHV significantly exceeds the typical limits of toothed rotor/stator systems.

Model	Drive Power	Capacity	Fittings
ZHV 0	up to 9 kW	500 ... 1,800 l/h	DN 25
ZHV 3	up to 30 kW	1,500 ... 8,000 l/h	DN 50
ZHV 5	up to 55 kW	6,000 ... 20,000 l/h	DN 80
ZHV 7	up to 110 kW	10,000 ... 40,000 l/h	DN 100

According to the application, special construction deviating from standard are available. We reserve the right to alter the design without previous notice.

YTRON®
PROCESS TECHNOLOGY



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