

## **A\*\* Colloidmil Homogenizer**

### **A1\* H 150 P Homojenizatör (DiŐli Diskli Colloid mill);**

TECHNICAL INFO: The machine is a vertical type, gear type colloid mill with 7.5 kW motor, rotor-stator system consisting of sequential type 3 toothed disc group, and mechanical seal. Perfect homogenization and stability are obtained in Emulsion-Suspension by mounting it to the system. Product feeding is made through the 3" inlet coupling on the machine. The capacity of the system is approximately 15,000 lt/h for "Water". All the parts in contact with the product in the machine are made of AISI 304 SS material. The machine, which can be used with an on-line inline system up to 10 bar pressure, is sealed with a mechanical seal.

### **\*\* Added Options (H 150 F):**

- OP01) H150 Kolloidmill 11 kW motor mounting difference.*
- OP02) H150 Double stage propeller pallet set for product pumping at the inlet of the colloidmill.*
- OP03) 3-way valve by-pass system (Food Grade) mounted on the H150 Colloidmill outlet, which allows the homogenized product to be bypassed to be discharged out as the final product or passed through the head again.*
- OP04) Inlet/outlet fitting connections with Clamp/Gland connection.*
- OP05) AISI 304 SS motor housing application.*
- OP06) The difference in manufacturing the contact parts of the product from AISI 316 SS material.*
- OP07) Double seal applied design with thermosiphon, pressure buffer wetting liquid for special applications.*
- OP08) Control panel mounted next to the machine (Star / Delta with motor protection \*\*3kW – 15kW Nonex).*
- OP09) Automated inlet/outlet connections with CIP system, complete easy-open cover and Pneumatic butterfly valve required for flushing behind the colloid shaft head.*
- OP10) CE certification and documentation of the machine.*
- OP11) H150 Kolloidmill 22 kW motor mounting difference.*
- OP12) Control panel mounted next to the machine (with motor protection \*11 kW – 22 kW Nonex).*
- OP13) H150 AISI 304 Chassis for flattening the colloid shaft.*
- OP14) Water cooled rotor and stator body application in H150 Colloidmill head.*
- OP15) AISI 304 Chassis to make H150 Kolloidmill vertical feed & belt transmission.*
- OP16) Swivel&brake wheel application to make the H150 colloid shaft mobile.*
- OP17) In special products (Hard & Abrasive), the contact parts of the product are covered with hard Cr material or manufactured from alternative hardened special steel material.*