

YTRON-ZC Dispersing Table



- Dispersing of powders in a single pass without the formation of any agglomerates
- Versatile system to be used e.g. for dispersing of hydrocolloids of all kind, starches, milk proteins, MC, CMC, HPMC, guar, pectin, carbomeres
- Spontaneous dispersion in a single pass means a significant reduction of ripening time.



YTRON® PROCESS TECHNOLOGY

Technical data

| | |
|--|-------------------|
| Water/liquid flow rates | 6.000-8.000 l/h |
| Powder capacity, depending on type of powder | max. 1.500 kg/h |
| Rotor speed (adjustable, max. value) | ca. 6.000 1/min |
| Total power required 7,70 | |
| Mechanical seal Single acting or with quench | |
| Liquid inlet | DN 40 |
| Liquid outlet | DN 50 |
| Powder inlet | DN 50 |
| Volume of hopper | ca. 15 l |
| Standard dimensions (LxWxH mm) | 1250 x 700 x 1000 |
| Max. allowable discharge pressure approx. | 1,0 bar |

Advantages:

- In a single pass setup, the use of this YTRON means no shear damage to shear sensitive thickeners. When used in recirculation, the YTRON can be used to apply a defined amount of shear to homogenize or emulsify the product.
- Rotor/Stator slot widths and combinations are selected to suit the specific purpose.
- No introduction of addition of air except the air present between the powder particles.
- High efficient dispersing in combination with low energy input
- ATEX rated version available for zone 1; 2; 21; 22