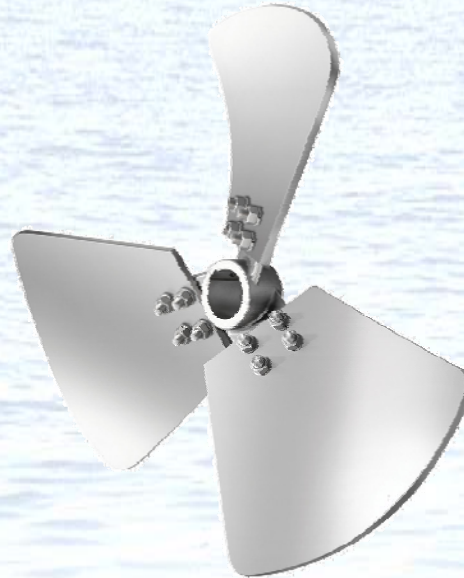


Maxflo WSE

High Efficiency

Side Entry Impeller

Chemineer's newest impeller for side entry applications offers greatly improved efficiency and unparalleled process performance.



Side entry agitators typically run faster and draw more power than their top entry counterparts. Chemineer has developed the Maxflo WSE specifically for side entry applications. Its advanced geometry results in decreased operational cost, lower investment costs and improved process performance. The Maxflo WSE impeller is the most efficient side entry impeller available.

More Efficient

More efficient means equipment can meet process requirements at lower power or with lower initial investment costs. It has been very difficult to find a new impeller that offers both lower equipment costs and lower power requirements. Both items are very important in today's competitive environment; with the Maxflo WSE they are no longer mutually exclusive.

Depending on the impeller configuration, using the Maxflo WSE can lower power draw between 15% and 40% from existing

impellers. This means smaller, less expensive equipment with savings averaging 20% - 30% over machines using existing technology. Installed equipment can benefit from this technology with fast and easy retrofits of operating impellers.

Maxflo WSE Features

The Maxflo W Impeller offers many advantages in demanding services like pulp and paper and flue gas desulfurization (FGD). With the increasing energy costs, the lower power draw to accomplish the process

requirements is very important, especially in side entry applications where the power draw can be significant. Lower tip speeds result in considerably lower abrasion rates. The lower abrasion rates can reduce or eliminate the need for costly coatings, elastomeric coverings or harder metals. Impeller diameters are available from 12" to 100". Standard materials of construction are carbon steel or 316/316L stainless steel. High alloys are available for severe environments.

Performance Comparison

| Existing Impeller | | | | MaxFlo WSE | | | |
|-------------------|----------------|-------------------|--------------------|------------|----------------|-------------------|--------------------|
| Power | Agitator Speed | Impeller Diameter | Machine Shaft Size | Power | Agitator Speed | Impeller Diameter | Machine Shaft Size |
| 200 hp | 235 RPM | 57 in | 6 in | 150 hp | 235 RPM | 49 in | 5 in |
| | | | | 125 hp | 175 RPM | 57 in | 5 in |
| 75 hp | 300 RPM | 42 in | 4 in | 60 hp | 300 RPM | 36 in | 3 in |
| | | | | 50 hp | 230 RPM | 42 in | 3 in |

For Each of the two Existing Impeller cases there are two Maxflo WSE variations. The first variation is at constant speed and the second is at constant impeller diameter. Lower power draw and machine size are common when using the Max Flow WSE

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