



## Merco H-36 and H-36B Upgrade Options

**Step up to a higher level of performance with Alfa Laval Merco upgrade packages**

### **Choose an upgrade package**

We offer various upgrades for your Merco separator.

### **Customize with options**

Tailor your upgrade package with these options to best meet the needs of your wet milling plant.

#### **Lock Ring conversion**

Easier maintenance and reduced time required to open the unit for inspection.

Alfa Laval has designed a new Lock Ring and Lock Ring Wrench (Spanner) for all H-36 and H-36B rotors. This new spanner is one size that fits all Merco size H-36B, H-36 T/F (top feed) and H-36 B/F (bottom feed) rotors as well as the new high capacity H-38 rotor.

The existing H-36 and H-36B Lock rings can easily be modified to use the new Spanner.

#### **Machine sheave upgrade**

Easier maintenance. The new 10-groove machine sheave has taper-lock type bushing – similar to the motor sheave, thus does not require the special torque tools, as comparing to the existing design which requires the removal of the complete bearing assembly and to be placed on the stand to torque the 3" hex. nuts. It can be simply installed, with the bearing assembly in place on the radial arm, on the existing upper shaft, or the new shorter shaft can be provided. Also the bearing life is extended because the reduced overhang load comparing to the 15-groove sheave.

#### **Double underflow volute upgrade**

For additional energy savings at higher nozzle flow. The additional underflow outlet allows handling higher machine flows without additional friction on the rotor, but also without changing the existing underflow control valve.

#### **Spare bearing assembly upgrade**

For reduced downtime, improved design and interchangeability. Includes a new shorter upper shaft for the new 10-groove taper lock type machine sheave and the new jam nut. When using the new jam nut lock wrench is fixed on the jam nut, thus insuring safer workplace when coupling and uncoupling the rotor from the bearing assembly.



#### **Feed inlet upgrade**

For additional energy savings, thanks to reduced pressure drop\*. With this upgrade the feed pump will use significantly less energy or the existing pump can handle the increased feed flow demands.

\*Included in the Capacity Booster Upgrade.

PPS00092EN 0808

Alfa Laval reserves the right to change specifications without prior notification.

---

**How to contact Alfa Laval**

Up-to-date Alfa Laval contact details  
for all countries are always available  
on our website at [www.alfalaval.com](http://www.alfalaval.com)