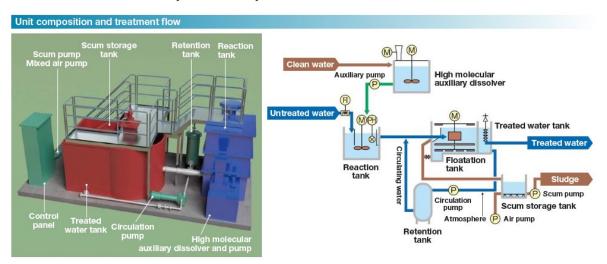
# **Unit-Type Water Treatment Equipment**

High-speed K-Colloid Air Separator (K-CAS) employing the pressurized dissolved air

#### flotation method

# Compact wastewater treatment equipment that can be installed quickly for a shorter delivery time at lower cost

Air is dissolved into a portion of wastewater in a pressurized environment and then mixed into the remaining wastewater. The release of the wastewater into a normal atmosphere environment causes the dissolved air to form microbubbles that rise, carrying with them oil and other suspended substances to the water surface where they can be easily skimmed off.



### **Features**

## Space-saving design

Compact size attributable to the application of our latest technologies for high-speed flow processing as well as substance floatation and separation

#### Easy to operate

Hassle-free operation due to the minimal number of components, simplified structure and automated control

#### Lower maintenance costs

A simple structure in which the main tanks have central axis driving mechanisms keeps the number of rotating parts and other machinery components down and thus cuts the need for maintenance

# **Main Applications**

- Use by food processing, steelmaking and other facilities for the treatment of wastewater containing oil
- · Removal of suspended substances and BOD in the course of wastewater treatment
- Removal of suspended substances in the course of clean water supply
  Related keywords: n-Hex countermeasures, normal-Hexane countermeasures, oil
  contamination countermeasures, facility miniaturization, floatation and separation

Water Infrastructure Marketing and Sales Department for Private Sector, Marketing and Sales Division, Environmental Engineering Business Unit, Kobelco Eco-Solutions Co., Ltd.

For inquiries about this equipment, please complete and send in an inquiry form.

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Go to our industrial water treatment process website

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