

HANGZHOU HECCI TECHNOLOGY CO., LTD.

News

2016/10

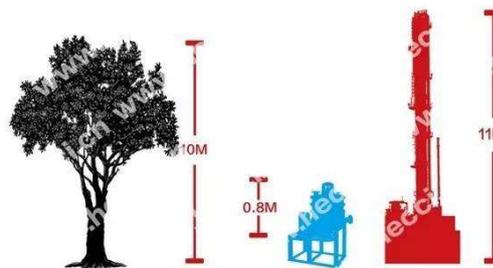
ABOUT US

We have over 25 years experience in research, design, and manufacturing for centrifuge, filter and rotary products. The products include **Filtering Equipment** for Mining Industry, **Centrifuges** for food and Starch Processing, and **Super Gravity Solvent Separator (HDM)** for organic solvent recovery in petrochemical, pharmaceutical, biochemical, and fine chemical industries.

SUPER GRAVITY SOLVENT SEPARATOR

High Gravity Distillation Machine (HDM), also named as "Super Gravity Solvent Separator", is used for continuous distillation operations such as Methanol-water, Ethanol-water, DMSO systems, and Multi-component material distillation.

A Better Substitute for Distillation Column

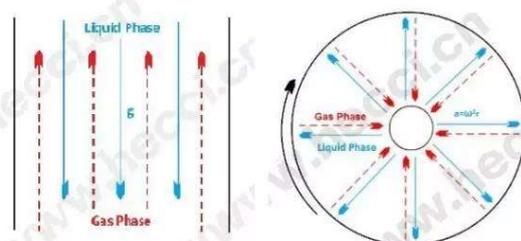


- US & China Patents
- Reduce equipment size
- Process operation simplified
- Save the energy
- Lower the costs

In a HDM, the Gas-liquid mass transfer efficiency is enhanced by an order of magnitude higher than that in a conventional distillation column.

PRINCIPLE

The centrifugal force disintegrates the liquid into tiny droplets to enhance the mass transfer. Comparing to the conventional distillation column. It is a promising processing intensification Technology that has been developed for over 30 years.



Super Gravity Solvent Separator (HDM)



HDM (in blue circle) replaces Distillation Column (in red circle) in a revamping project

Contact Us

**Hangzhou Hecci Technology Co.,
Ltd**

Address: No. 9 Jiujuan Road,
Hangzhou, Zhejiang, China

Tel: (86)18310673610

Email: sales@hecci.com

Web: <http://www.hecci.cn>Address:
No. 9 Jiujuan Road, Hangzhou,

CASE STUDY

Ethanol-Water Distillation

One of our customers selected our BZ750-2P type HDM to Separate Ethanol from water. In this case, the Ethanol in water is significantly reduced to 0.2% by HDM, comparing to 3% when using conventional column

Methanol-Water Distillation

One of our customers selected our BZ750-3P type HDM to solve their problem. In this case, the Methanol in water is significantly reduced to 0.2% by HDM, comparing to 3% when using conventional column, the recovered methanol has purity of 99.8% by mass.

TO LEARN MORE

If you would like to have a feasibility study or want to learn more about HDM. Please contact us for more information and for industrial reference.



HANGZHOU HECCI TECHNOLOGY CO., LTD

Address: No. 9 Jiujuan Road, Hangzhou,
Zhejiang, China

Tel: (86)18310673610

Email: sales@hecci.com

Web: <http://www.hecci.cn>