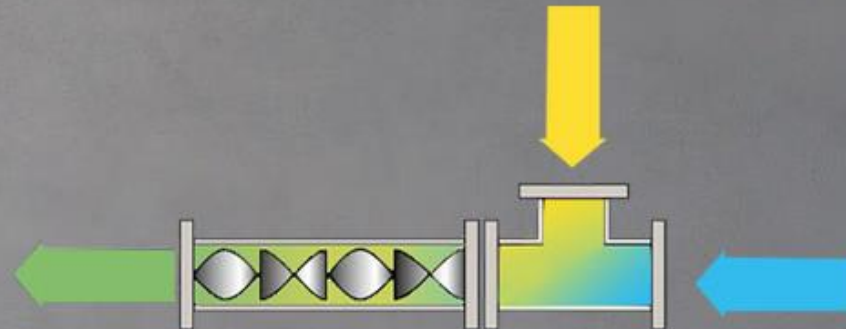


Professional Static Mixer Manufacturer

WUXI OMORIS PETROCHEMICAL
EQUIPMENT CO.,LTD



ООО «ТИ-СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ

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OMORIS PRESENTATION

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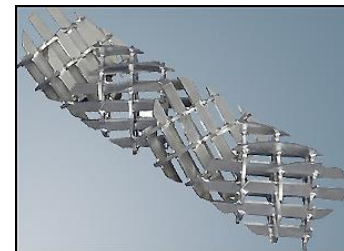
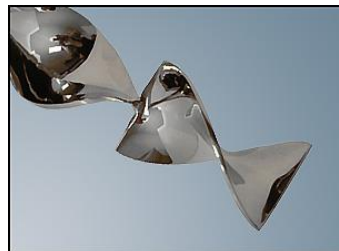
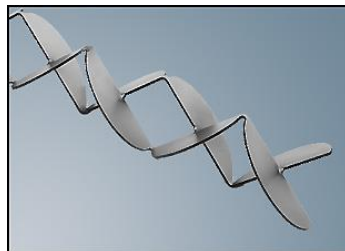
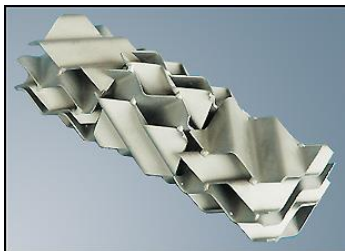
OMORIS Introduction

OMORIS static mixer company is established in 2008.

After about 10 years development ,OMORIS have serviced more than 3000 customers all of the world .

Since the first year of establishment ,we applied ISO9001:2008 certificate, we promised that each OMORIS static mixer fabrication and testing have strict QC management. OMORIS management idea is" **providing the high efficiency mixing solutions and high quality static mixers** ",which have the high evaluation and acceptable by customers .

OMORIS static mixer is wide application on mixing of liquid-liquid, gas-liquid ,liquid-solid, gas-gas for mixing ,emulsification, neutralization, absorption, extraction, reaction, and enhancement of heat exchange.



1

OMORIS Introduction



➤ Automatic welding equipment

Excellent mixing element fabrication



➤ High quality SMAW welding

Patent production device



➤ Mixer element installation.



➤ Static mixer hydrotesting.



➤ Static mixer PMI testing.



2

OMORIS Structure



ООО «ТИ-СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ

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Verification of Compliance



No. EC.1282.0A140117.WYP0299

Certificate's Holder: Wuxi OMORIS Petrochemical Equipment Co.,Ltd
No.39 Shungeng Road,Shenxin Industrial Park, Binhu District ,Wuxi ,China.

Product: Static Mixer
Model(s): OM-SV,OM-SK,OM-SX,OM-SL

Directives: 97/23/EC Pressure Equipment

Module: B+D

Remark: This Verification of Compliance has been issued on a voluntary basis. ECM confirms that a Technical Construction File (TCF) is existent for the above listed product(s). The TCF satisfactorily covers the essential requirements of the above listed Directive(s). Other relevant Directives have to be observed in case they are applicable. This Document is only valid for the equipment and configuration described and in conjunction with the TCF detailed above. Whereas the Manufacturer is responsible of the certification of the product(s) and not exempted to perform all the necessary activities before placing the product(s) on the market. The Manufacturer is also responsible of the internal production control to ensure the product(s) are in compliance with the essential requirements of the above mentioned Directive(s). This certificate can be checked for validity at www.entecerma.org

Date of issue JANUARY 2014

Certification Chief Manager



Expiry date JANUARY 2019

Certification Deputy Manager



Ente Certificazione Macchine Srl

Via Mincio, 396/a – 41056 Savignano s/P. (MO) - ITALY

☎ +39 059 763736 - ☎ +39 059 766306 📠 +39 059 761838 🌐 info@entecerma.it 🌐 www.entecerma.it

CE Certificate



Industry & Facilities

Inspection Certificate No.: BV CHN INS/E-SH-14/0164-01

CERTIFICATE OF INSPECTION

BV Job Ref: MOM-INS/E-SH-14/0164 Project/Installation: CLEANTECH BUSINESS PARK, SINGAPORE

Inspection ordered to BV⁽¹⁾ Wuxi OMORIS Petrochemical Equipment Co.,Ltd

Ref. of the Order to BV: INS/E-SH-14/0164

Supplier:

Sub-supplier, if any: N/A

Manufacturer: Wuxi OMORIS Petrochemical Equipment Co.,Ltd

Copies to: No

⁽¹⁾ The address of the original of this certificate

Description of the Supply/subject of Inspection:

Static Mixer, Drawing No.: OM-SX-500-2500 Rev.1 3 Units

- | | |
|---------------------------------|---|
| • Equipment: | Static Mixer |
| • Mfg's Production No.: | OMMX-SX-14-323/324/325 |
| • Main Material: | ASME SA-240M 304 /SA-312M TP316L/ SA-182M F304; |
| • Design Pressure: | 1.69 MPa; |
| • Max. Working Pressure: | 1.69 MPa; |
| • Design Temperature: | -29 to 102 °C |
| • Working Temperature: | <100 °C; |
| • Size: | ID 500 mm, 10mm Norm.thickness,2500 mm Length; |
| • Medium: | Oil |
| • Volume: | 490 L; |
| • Hydraulic Test Pressure/time: | 1.95 MPa / 30 minutes (Horizontal position) |

This certificate covers the whole of the supply. YCB (no more inspection planned). NO (part of the supply still to be inspected).

Scope of the BV Survey:

The inspection covered verifying of the design calculation & product drawings for compliance with ASME Section VIII Division 1 2013Ed, review of production process, quality control plan, raw material MTRs, the product documents and inspection & test reports, carrying out the workshop inspection during fabrication, witnessing the Hydrostatic Test tests for the Static Mixer, issuing the certificate of the Static Mixer.

This supply complies with the following applicable documents :⁽²⁾

- ASME Code Section VIII Div.1, 2013ED
- Fabrication's drawing Nos: OM-SX-500-2500 Rev.1

⁽²⁾ And only for parts of the documents which concern the certification or the relevant service provided by Bureau Veritas.

List of enclosures(Or reference to enclosed list): None

The certificate is valid together with enclosures (if listed) only pages of enclosures (or parts of pages) which are stamped, are considered as part of this certification.

Marking and Stamped on the items:

Particulars or comments: None

Date of Issuance: 17/09/2014 Issued: Bureau Veritas, Shanghai, China

Date of last inspection: 17/09/2014 Inspected by: Paul Tan

Sign:

Location of inspection: Wuxi City, Jiangsu Province, China, by BV Shanghai

This certificate is delivered within the Scope of the General Conditions of Services of Bureau Veritas.

Ce Certificat est delivre dans le cadre des Conditions Generales de Service du Bureau Veritas.

This certificate is issued further to an inspection whose duration and scope were limited by the terms and conditions of the contract with BV principal.

This certificate is NOT an indication that the items are fit for any specific purpose and does not release the manufacturer, supplier and any party from their respective duty, guarantee, obligation and/or indemnity relating to, without limitation, patents, workmanship, materials, safety, performance in operation and/or reliability.

ASME 9013

BV Inspection



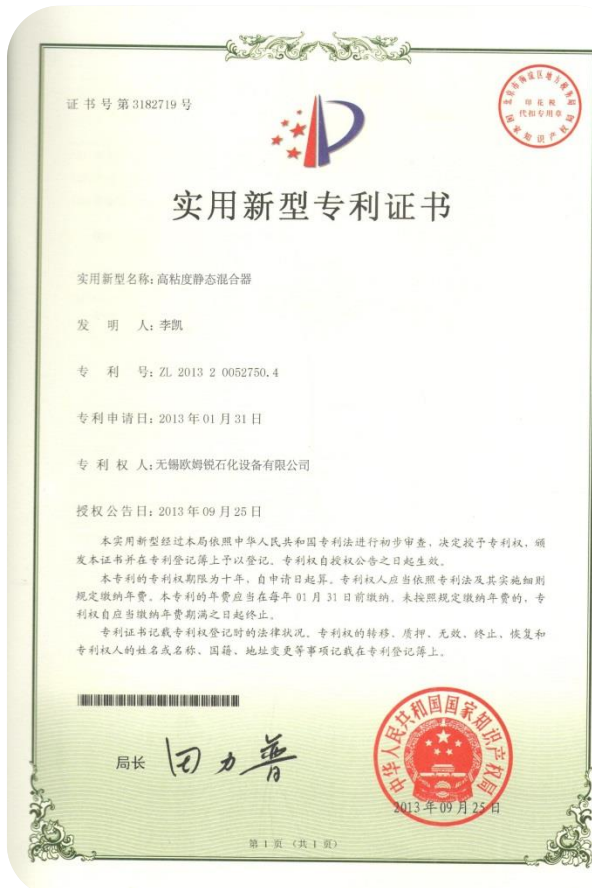
ISO Certificate



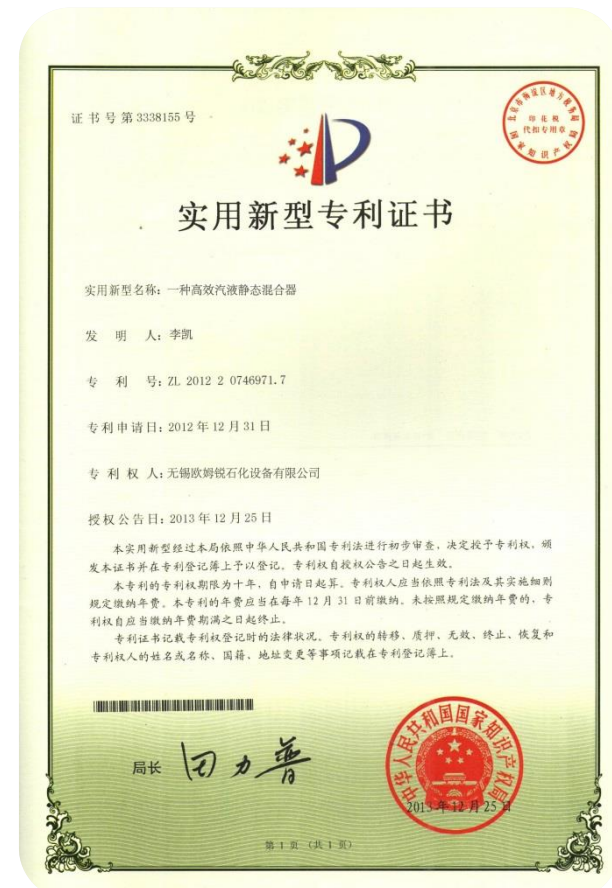
ISO Certificate

3

OMORIS Certificates



Patent Certificate



Patent Certificate

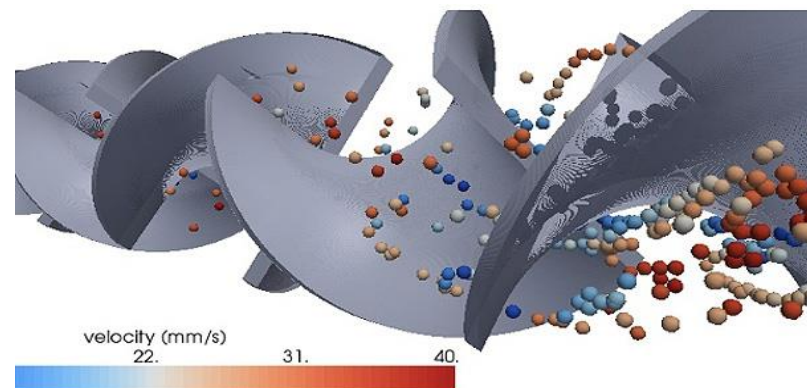
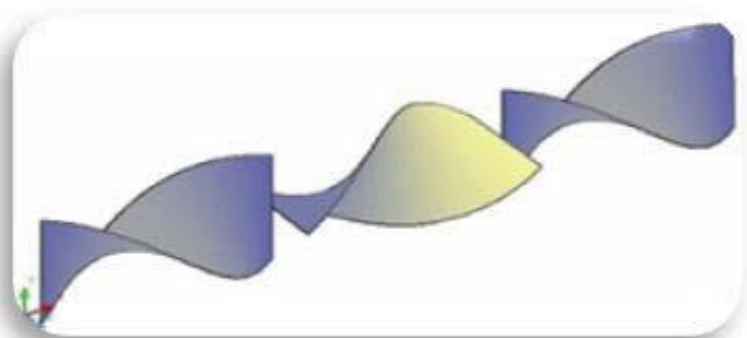
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OMORIS Static Mixers



OMORIS SK model *Low pressure drop*

Primary use is for small diameter simple turbulent and laminar flow mixing and heat transfer applications where low pressure drop and fouling service are issues.



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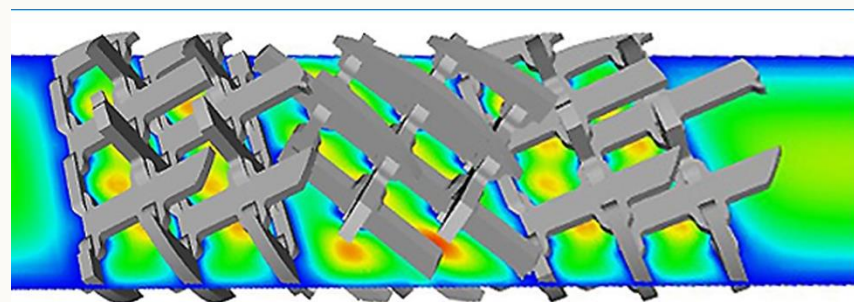
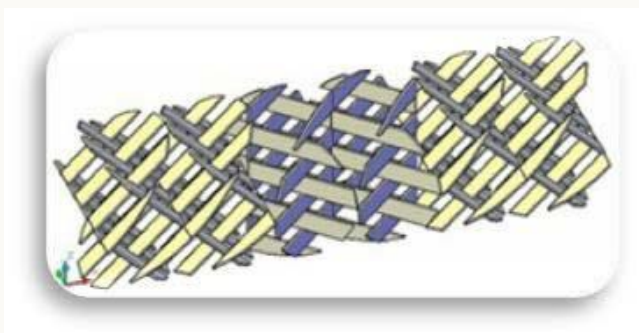
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OMORIS Static Mixers



OMORIS SX model *High Performance*

Mixing of high viscosity liquids with similar and extreme viscosity and volumetric ratios; inducing plug flow; boosting viscous heat transfer; and the processing of molten polymers.



4

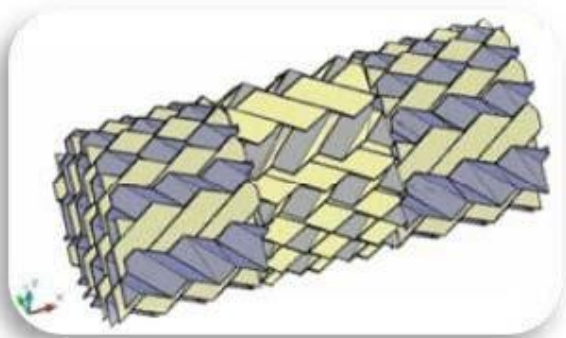
OMORIS Static Mixers



OMORIS
STATIC MIXING SOLUTIONS.

OMORIS SV model *High Performance*

Primary use is for turbulent flow, liquid-liquid and gas-gas mixing applications, immiscible liquid dispersion and gas-liquid contacting.



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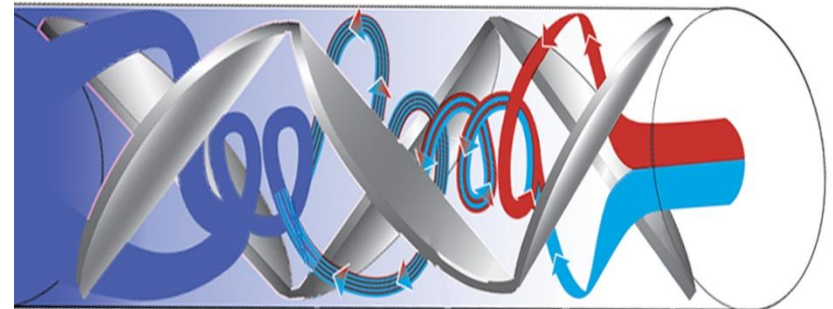
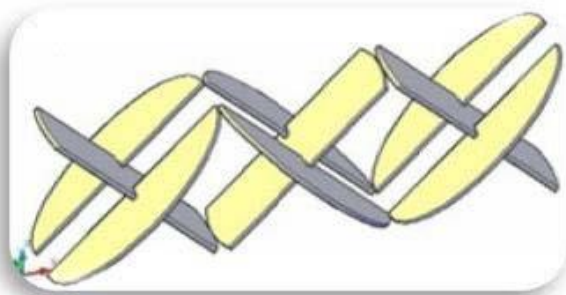
4

OMORIS Static Mixers



OMORIS SL model *Moderate Performance*

Primary use is for transitional flow applications with viscosity differences where low pressure drop and fouling service are issues.



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OMORIS Projects



UPVC / CPVC
Static mixers



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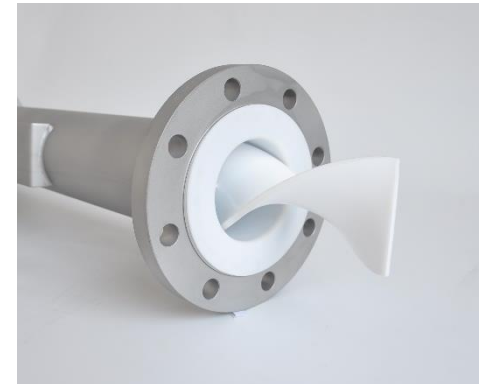
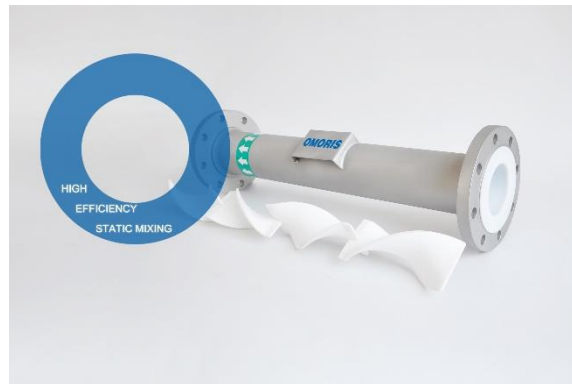
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5

OMORIS Projects



PP / PTFE
Lined Static mixers



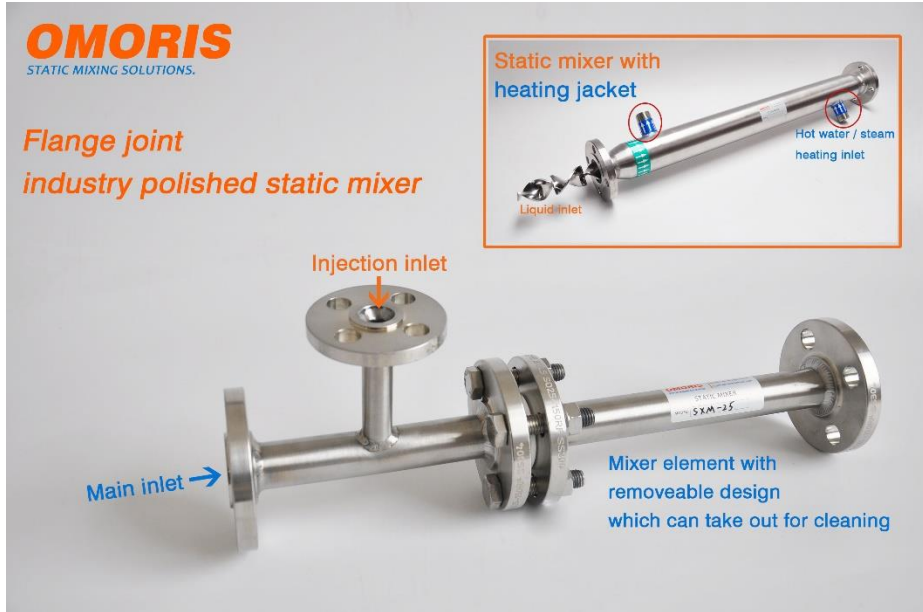
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5

OMORIS Projects



Wide application
Industry static mixers



6

OMORIS Customers



6000

Yearly capacity

Standard &
customized static
mixers

3,000

Serviced

customers

Total serviced all of
the world

10,000

Supplied to market

Total supplied to the
domestic and
international market

98%

Customer satisfaction

Average from customer
satisfaction
investigation

Value every cooperation opportunity with OMORIS ,

Let's win together .



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