

BUBBLE CURTAIN AIR DELIVERY

OIL FREE CLASS ZERO





APPLICATIONS



ScanTech Offshore support offshore wind farm construction in Europe, UK, Asia and the US with a focus on environment protection. ScanTech support Big Bubble Curtain (BBC) Operations with the supply of Oil Free (Class 0) compressed air delivery packages.

The big bubble curtain was developed as a compressed air system for sound absorption in water and especially protects porpoises and seals which use ultrasound as orientation in water.

A ship is typically fitted with a set of ScanTech air compressors to deliver compressed air to a flexible tube with special nozzle openings. The tube is installed on the seabed around the locations where the sound is generated and the compressed class zero air creates the bubble curtain through the nozzle openings.

OIL FREE AIR



SeaSentry™ is a bespoke 5 stage filtration system that when combined with ScanTech's primary air compressors cleans and conditions the compressed air to a class 0 quality. Each SeaSentry™ can process 10,500cfm or 295m³/min of compressed air & ensures that the air quality meets ISO8573-1:2010 Class zero in terms of total oil content.

ScanTech supports Bubble Curtain projects with compressors ranging from 1600cfm (45m³/min) to 3500cfm (99m³/min) @ 8-12bar working pressure. Scantech air compressors can be stacked to reduce vessel footprint giving the client a robust solution when deck space is tight, as shown below in our standard 1600cfm / 45m³/min air compressor set up.



OFFICES/SUPPLY BASES



Macaé, Brazil

Rua 01, #223, Lote 146,
Quadra 02-Balneario
das Garcas-Rio das Ostras,
Rio de Janeiro
CEP 28.890-000
Tel: +55 (0) 22 27766351

Angola, West Africa

Rua Damiao de Gois no 67,
Alvalade
Luanda, Angola
Tel: +44 (0)1493 443300

Port Harcourt, Nigeria

Plot 87, Rivoc Road,
Trans Amadi Industrial Layout,
Port Harcourt, Nigeria
Tel: +44 (0)1493 443300

Great Yarmouth, UK

ScanTech House,
Morton Peto Road
Harfrees Industrial Estate,
Great Yarmouth
Norfolk, NR31 0LT
Tel: +44 (0)1493 443300

Aberdeen, UK

ScanTech Offshore, Unit 4,
Fisher Offshore Base North Meadows,
Oldmeldrum Aberdeenshire,
AB51 0GQ
Tel: +44 (0)1651 871440

Saudi Arabia

Intelligent Energy Services Co.,
Kingdom of Saudi Arabia
Dammam
Tel: +971 (0) 46091581

Kuala Lumpur, Malaysia

Level 16, Tower 2,
Etika Twins,
11 Jalan Pinang, 50450,
Kuala Lumpur
Tel: +60 (0) 1 123 791 603

Dubai, UAE

ScanTech Offshore
Building 5EA, Office 408,
Dubai Airport Freezone
PO BOX 371072
Tel: +971 (0) 46091581

Taiwan

James Fisher Marine Services
2/F-A, Room 245,
170 Dunhua North Road,
Songsshan District
Taipei 10548

Labuan, Malaysia

Lot 0565 Kampung Merinding Jalan
OKK Daud, 87000 FT,
Labuan
Malaysia
Tel: +60 (0) 128366484

Perth, Western Australia

23 Sparks Road,
Henderson, Perth
Western Australia, 6166
Tel: +61 (0) 8 94391228

Houston, US

James Fisher Offshore
6421 Cunningham Road,
Houston, Texas
77041
Tel: +1 713 466 1233