

# JAEGER-OxyStrip™

## OS160/2200 FF Strip Diffuser

Highest Efficiency & Best Economy



The **JAEGER OxyStrip™ OS 160/2000 FF Series Strip Diffuser** is among the most advanced and energy efficient fine bubble aeration membrane diffuser technologies available to the Waste Water Treatment (WWT) Industry. It combines highest oxygen transfer efficiency and low energy usage. It reduces the linear length of the air distribution piping needed by a factor up to 1:9 compared to typical disc diffuser, and 1:3 to tubular diffuser system layouts. The **JAEGER OxyStrip™ OS 160/2000** aeration tank system reduces initial capital cost, and installation time while providing highest efficiency/energy cost savings, and widest system design airflow range / turn down (up) ratio. The **JAEGER OxyStrip™ OS 160/2000 FF Series Strip Diffuser FF Series** is engineered and manufactured by **Gummi-Jaeger AERATION LLC**. The **JAEGER OxyStrip™ OS 160/2000 FF Series** employs **multiple Gummi-Jaeger AERATION LLC patented and patent pending** technologies of product design features and WWT system process controls.

**Gummi- Jaeger AERATION LLC** is the waste water treatment industries pioneer of EPDM fine bubble membrane diffusers. We created the **world's first fine bubble rubber membrane diffuser** in **1975**. In the **United States** and **worldwide**, customers have benefited from **Gummi-Jaeger wastewater diffuser products since the early 1980s**. Gummi-Jaeger was instrumental in the initial design, rubber chemistry, perforation patterns for high SOTE of the majority of today's well know fine bubble diffuser suppliers. **Gummi-Jaeger AERATION LLC** is a third generation business and originated in Germany. **We produce domestically here in Colorado USA since 1994** membranes, assemblies, and components for original equipment manufacturers (OEMs) and supply **fine bubble aeration equipment solutions** to **municipalities** and **industrial clients** up to the top of the aeration tank. We are the industry's only full line supplier who offers **fine bubble membrane disc, tubular, and strip diffusers / aerators** equipped with **EPDM, Silicone** or **Polyurethane membrane materials**.

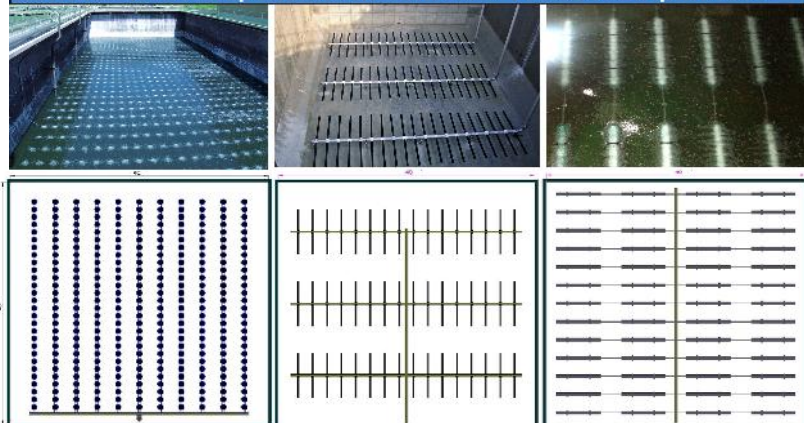
**Gummi-Jaeger Aeration LLC** and its **Distributors** offer advanced fine bubble aeration solutions including mass transfer calculations, basin and lateral pipe system design, fine bubble membrane and coarse bubble diffuser, stainless and PVC lateral piping and header pipes up to the top of the aeration tank.

### JAEGER OxyStrip™ OS 160/2000 FF Series Strip Diffuser Dimensions



OxyStrip™ Model	L [mm]	L2 [mm]	Recommended Design Airflow Range per diffuser [Nm3/h]
OS 160/2150 FF	1,500 [60"]	1,570 [63"]	2.25 – 28.0 [1.5-17.0 SCFM]
OS 160/2200 FF	2,000 [80"]	2,070 [83"]	3.0 – 36.0 [2-22.0 SCFM]
OS 160/2 *** FF	***	***	Special length on request

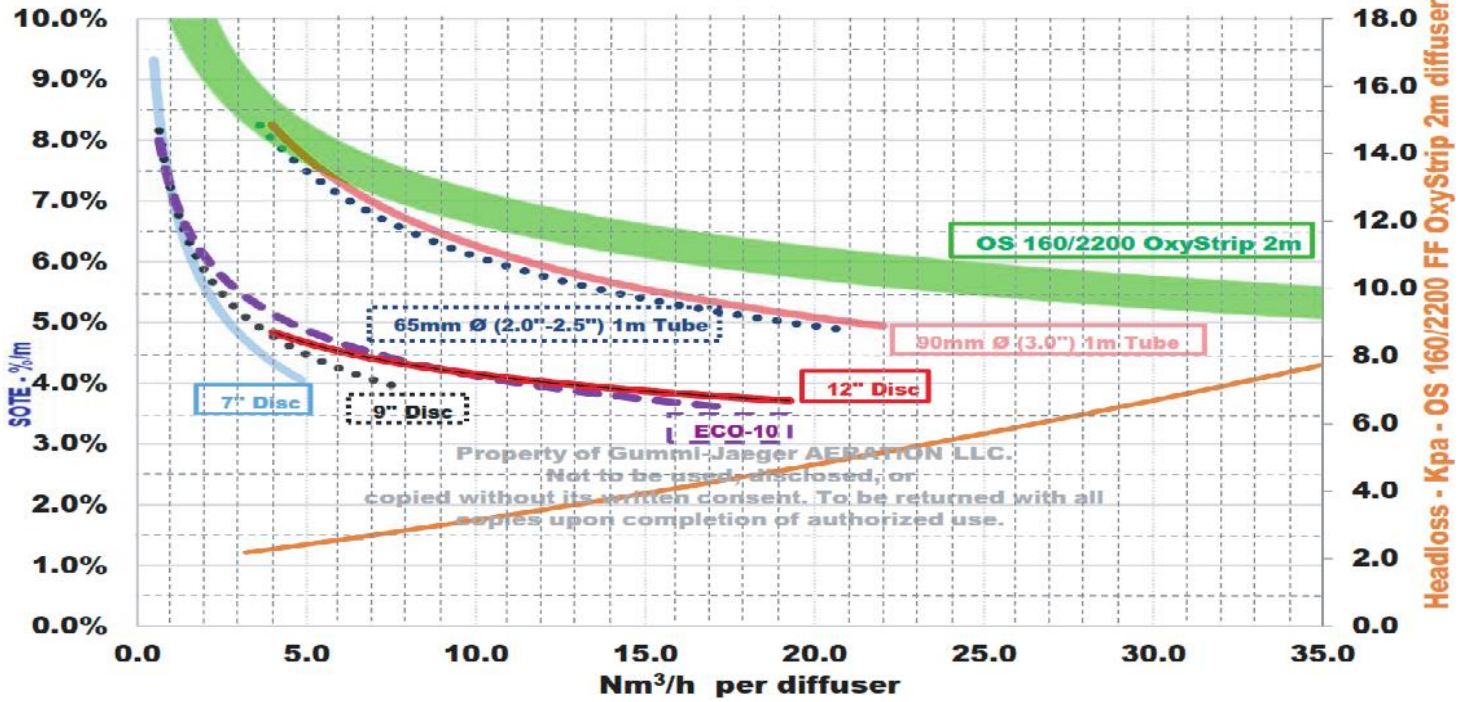
### JAEGER OxyStrip™ OS 160/2000 FF Series: Air Distribution Pipe Reduction Disc vs. Tube vs. Strip Diffuser



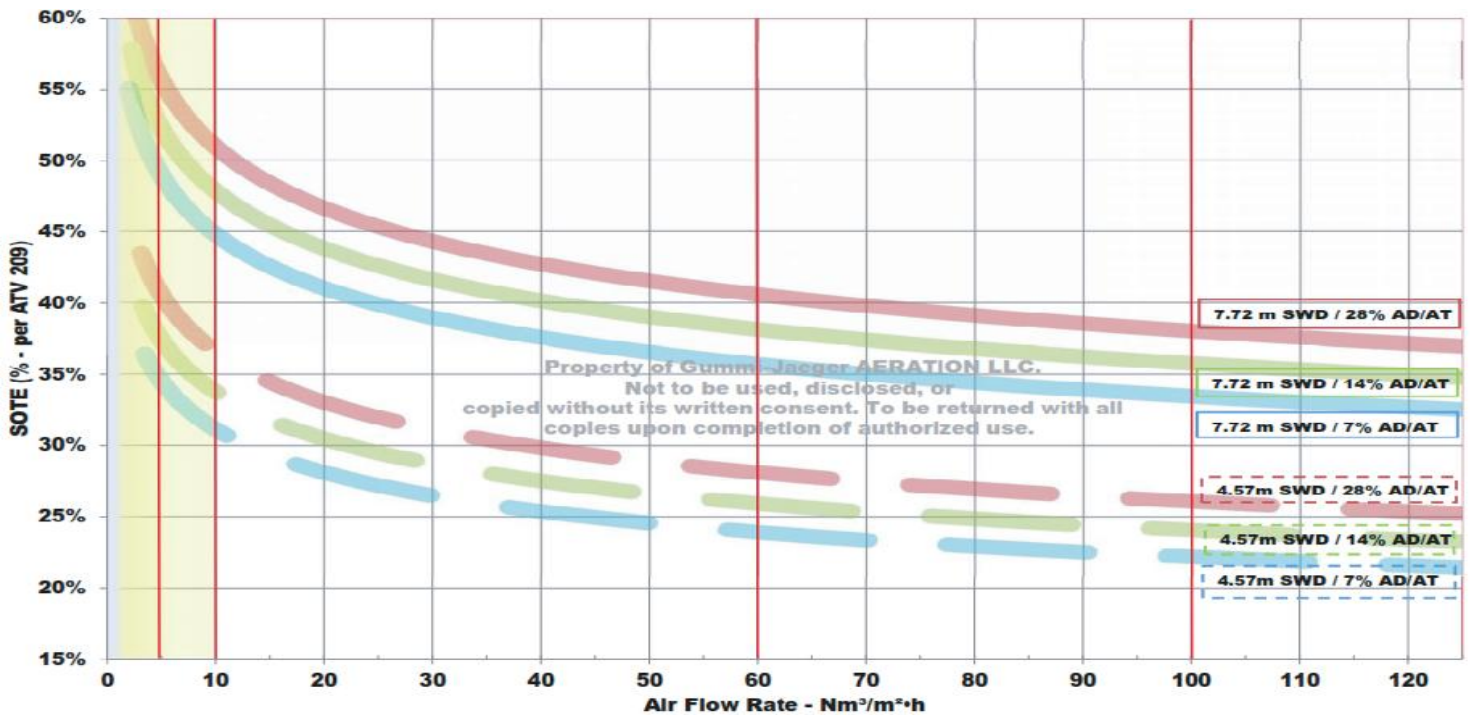
### JAEGER OxyStrip™ OS 160/2000 FF Series: Aerating



**JAEGER OxyStrip™ OS 160/2000 FF – Design Airflow & SOTE Range Disc & Tube vs. Strip Diffuser Models**



**JAEGER OxyStrip™ OS 160/2000 FF - SOTE Curves subject to Diffuser Insertion Depth & Density**



SOTE curves for reference and benchmark SOTE test comparing JAEGER OxyStrip™ diffusers to select competitors' models are available on special request. SOTE is subject to tank geometry, diffusers submergence depth, diffuser density and other factors. Contact Gummi-Jaeger AERATION LLC representative for specific fine bubble aeration system layout and application engineering questions.

Gummi-Jaeger AERATION LLC Distributor



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