

# Biologically Engineered Adsorbent Scrubber Technology™

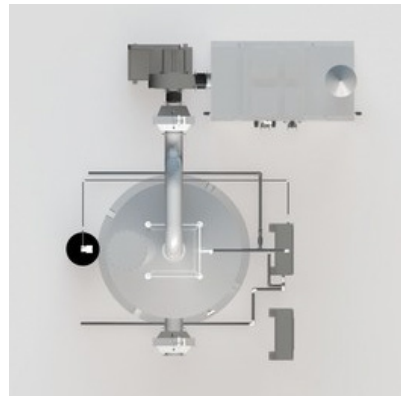


Your World Leader  
in Odor Control has  
Upgraded its Arsenal



## Multi-Stage Scrubber Technology:

- Bioscrubber + polishing adsorbent in one system
- Advanced biomedium has a 10+ year life span



## First Class Features and Capabilities:

- Full remote monitoring and notification system
- Inlet, intermediate, and outlet H<sub>2</sub>S sensors
- Little maintenance required



## Multiple Models to Fit Varied Needs:

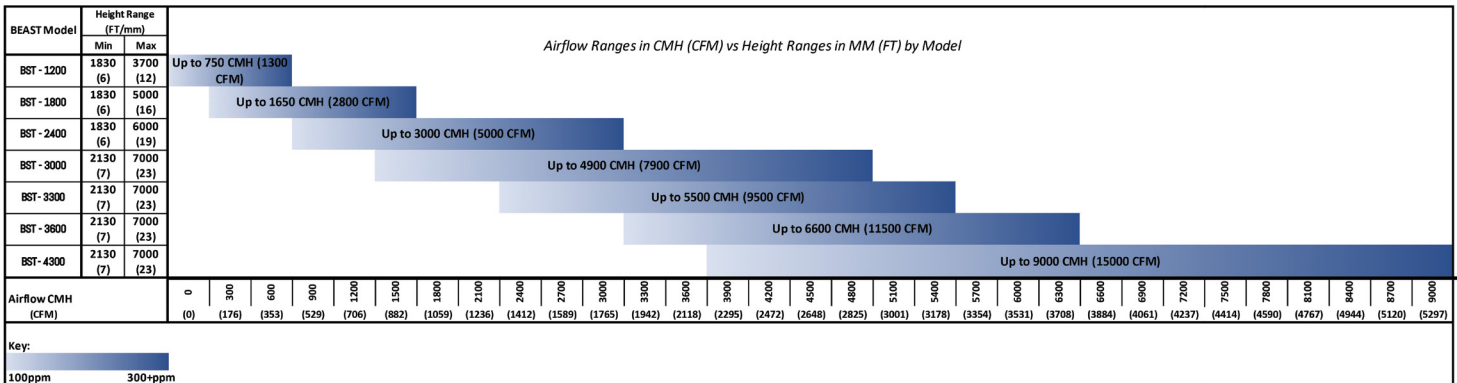
- Airflow Range: 425 to 15,000 CMH (250 to 9,000 CFM)
- Multiple configurations to meet footprint needs
- Capable of removing 300+ ppm H<sub>2</sub>S

## **HIGH H<sub>2</sub>S LEVELS?**

Best of class technologies in one innovative system. This cutting-edge design is unlike any other on the market. It combines the renewable capacity and power of biological scrubbers with the precise efficiency and reliability of our chemical adsorbent dry scrubbers to deliver 99.9% removal of extremely high levels of hydrogen sulfide and other gases.

# Model Selection

| MODEL NUMBER | DEPTH in mm (FT) | HEIGHT RANGE mm (FT) | MAX AIRFLOW CMH (CFM) | MOTOR POWER kW (HP) | EST SHIPPING WEIGHT KG (LBS) | EST OPERATING WEIGHT KG (LBS) | POLISHING UNIT MODEL# |
|--------------|------------------|----------------------|-----------------------|---------------------|------------------------------|-------------------------------|-----------------------|
| BST - 1200   | 1200 (4)         | 1830-3700 (6-12)     | 1300 (750)            | 3.7 (5)             | 600 (1280)                   | 2200 (4800)                   | PBS-404               |
| BST - 1800   | 1800 (6)         | 1830-5000 (6-16)     | 2800 (1650)           | 5.6 (7.5)           | 1000 (2100)                  | 4400 (9000)                   | PBS-605               |
| BST - 2400   | 2400 (8)         | 1830-6000 (6-19)     | 5000 (3000)           | 7.5 (10)            | 3200 (7000)                  | 11600 (15000)                 | PBS-707               |
| BST - 3000   | 3000 (10)        | 2130-7000 (7-23)     | 7900 (4900)           | 11.2 (15)           | 3600 (8000)                  | 12500 (22000)                 | VTS-715-1             |
| BST - 3300   | 3300 (11)        | 2130-7000 (7-23)     | 9500 (5500)           | 15 (20)             | 4600 (10000)                 | 14000 (30000)                 | VTS-720-1             |
| BST - 3600   | 3600 (12)        | 2130-7000 (7-23)     | 11500 (6600)          | 18.6 (25)           | 5340 (12000)                 | 18000 (40000)                 | VTS-730-1             |
| BST - 4300   | 4300 (14)        | 2130-7000 (7-23)     | 15000 (9000)          | 26 (35)             | 7000 (15000)                 | 25000 (55000)                 | VTS-725-1             |



## Media- Sulphasorb Si™

The BEAST™ Bioscrubber uses Sulphasorb Si™ (SSi) adsorbent media as its substrate. Unlike other substrates, SSi is easy to install, resistant to high acidity levels, extremely porous, and it has a life of at least 10 years. Additionally, it is environmentally friendly, as it is made of recycled glass. The incredible porosity, 4695 m<sup>2</sup>/m<sup>3</sup>, allows for a large amount of surface area for odor eating bacteria to prosper.



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