

# STAGE

SEPARATION



## BE 300-C

### SLURRY TREATMENT PLANT


High-performance Slurry Treatment in a Compact Design.

The BE 300-C is a three-stage, double-cyclone system engineered for high-demand solids control and slurry separation applications.

### KEY FEATURES

-  **Compact, Containerized Design**  
Fits in a 6.1x5.9m frame for minimal footprint & easy transport.
-  **Double-Cyclone Separation Technology**  
Filters particles down to 30 microns using a combination of 20" & 6" desanding and desilting cones.
-  **300 m<sup>3</sup> per hour Processing Rate**  
Suited for high flow rates & a variety of slurry types.
-  **Modular Flexibility**  
Multiple units can be combined in series to achieve the desired throughput for your project needs.

Stage 3 Separation is North America's largest dedicated solids control and fluids separation company.

 713-868-4040

 403-837-4775

 [www.s3s.com](http://www.s3s.com)



# BE 300-C

## SLURRY TREATMENT PLANT

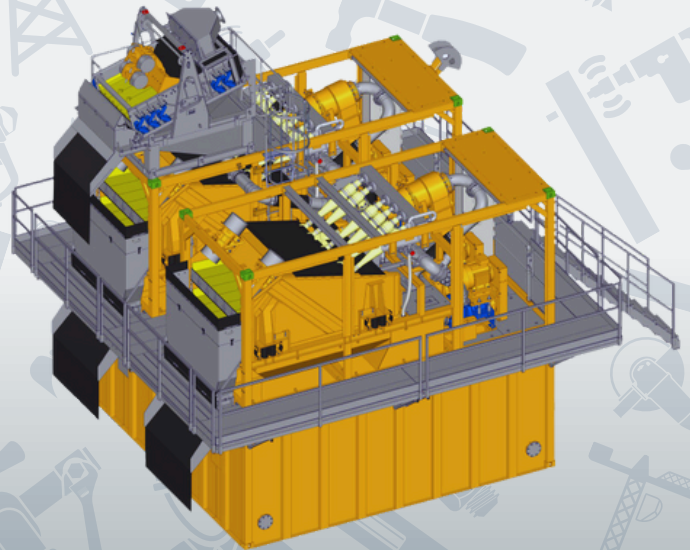
CONSTRUCTION | MINING | DREDGING  
| INDUSTRIAL | TUNNELLING

### SPECIFICATIONS

Capacity max.	300	m <sup>3</sup> /h
Installed Power	174	kW
Mains AC supply Voltage	460	VAC
Frequency	60	Hz
Total Weight	44,578	lbs
Installed Dimensions	20' L x 8' W x 26' H	
Filtered Particle Size	> 30 microns (0.03 mm)	

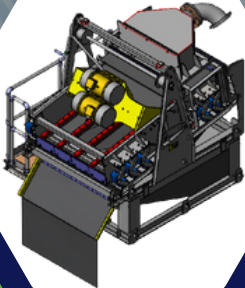
### COMPONENTS & SCOPE OF SUPPLY

- 1 x GS 425-V Scalping Screen
- 1 x BE 300-C Desanding Plant
- 1 x ST 25-H Slurry Tank
- walkway, ladder, connecting pipes & discharge chutes.
- PLC control with Master/Slave function



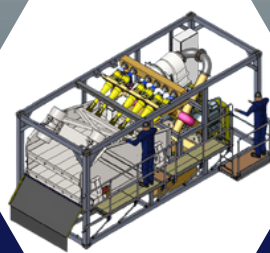
### MODULAR MARVEL

(above) two BE 300-Cs are combined to form the **BE 600-C**, capable of processing up to 600m<sup>3</sup>/hr of slurry.



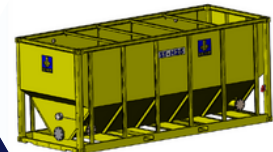
#### GS 425-V

The adjustable "Scalping Screen" or "Pre-screener" filters out particles over 5 mm before sending the slurry for further treatment in the cyclone module.



#### BE 300-C

The "Desanding Plant" uses a double-cyclone system (500 mm and 150 mm diameters) to remove solids using centrifugal force, before sending the slurry over a dewatering screen.



#### ST 25-H

The "Slurry Tank" boasts 25 m<sup>3</sup> of capacity, an inclined bottom floor, open top, and horizontally mounted helix agitator.



Stage 3 Separation offers the BE 300-C (and BE 600-C) Slurry Treatment Plant for rental and on-site operation, backed by expert technician support. For high-capacity performance, low footprint, and modular adaptability, the BE 300-C is tailored to meet your project's demands.

2000 Silber Road,  
Houston, TX 77055  
713-868-4040

56 Technology Way SE,  
Calgary, AB T3S 0B5  
403-837-4775

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