

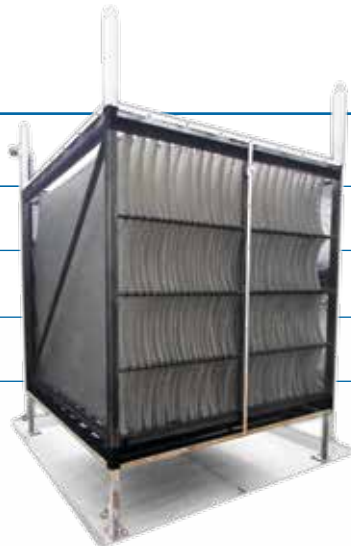
Webitat™ Rentals by ENTEX Technologies

Webitat IFAS System

Entex offers a rental option for our Webitat units, allowing more flexibility for short-term and/or demonstration needs. The rental option is great for time-sensitive projects, to enhance the capacity of one train while the other is down for maintenance, or for gathering performance data prior to making a purchase. In many situations, the rental units can often be installed without dewatering. The Webitat rental program is the perfect fit for a variety of applications.

SYSTEMS

- SBRs
- Lagoons
- BNR/ENR
- Activated Sludge
- Oxidation Ditches



SOLUTIONS

- Aerobic or anoxic
- Space efficient
- CBOD, NH₃-N,
- NO_x, and TN
- IFAS and SFF



Engineering
a Clean Water
Environment

Why Rent Webitat?

No capital
expenditure
required

Flexible terms
allows for short or
long term solutions
to meet your needs

Entex usually has
units in stock for
quick delivery

Entex Technologies Inc
400 Silver Cedar Court
Suite 200
Chapel Hill, NC 27514

919.933.2770 phone
919.287.2258
entexinc.com

Webitat Rentals by ENTEX Technologies, continued

The Webitat process for bioreactors

Adds fixed biomass to the bioreactors to increase biological treatment

Creates enhanced mixing zones in targeted locations

Adds diffused air to increase oxygen transfer

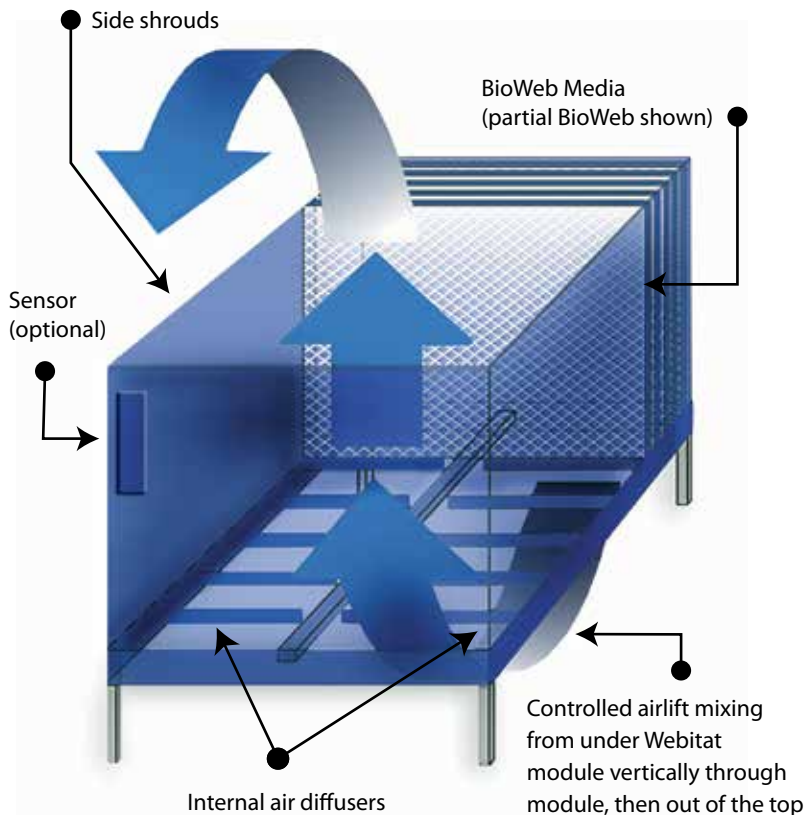
Provides multiple high-rate bioreactor cells within the bioreactors

Biomass shears off media, seeding the bioreactor with biomass

Flat plate distributes weight on the bioreactor floor, protecting liners

About BioWeb and Webitat

Entex's patented, award-winning Webitat process utilizes BioWeb media and allows control of the attached biofilm thickness by incorporating an integrated aeration mechanism below each Webitat frame. This dedicated aeration ensures a high rate of shear and serves to create an air lift effect, enabling continuous recirculation of influent substrate. As a result, substrate transfer and diffusion rates can be optimized. Each Webitat is shrouded to confine and direct the integrated aeration into the BioWeb media, increasing scour and recirculation efficiency. The integral aeration flux rate can be controlled via dedicated Webitat process valving to provide proactive operation and process control. The Webitat module operates as its own high rate biological reactor, enhancing mixing and biomass inventory. The area of influence of the mixing cells has a diameter of 40–80 feet depending on water depth and air flows. By regulating Webitat aeration, performance can be optimized to meet plant specific needs.



How does Webitat work with bioreactors?

By placing Webitat modules within a basin, the high rate cells enhance mixing, while adding aeration and fixed biomass to an otherwise limited treatment environment.

Advanced Systems.

Proven Solutions.

ENTEX engineers have been involved in hundreds of plant installations. We'd like to be involved in yours.