



SIMPLE | QUICK | COST-EFFECTIVE

The pocket treatment
solution for your sewage





BioBox® is a natural odorless sewage treatment plant. Particularly well adapted as a primary plant for isolated densely populated sectors, it is also perfectly suited to cope with seasonal variations in population. With its chromium steel tank guaranteed for 10 years, the BioBox® requires little maintenance. Entirely containerized, the BioBox® is compact, mobile and cost-effective both to use and to move (standard UN format). The built-in microprogram makes each BioBox® completely self-standing.



A plug-and-play plant

The BioBox® is 100% plug-and-play. Coming as a 20 or 40 foot container, each BioBox® can be very easily transported at low cost. The installation requires no civil works other than a simple slab. Off-load it, connect the pipework, hook up the electricity supply and your sewage plant is operational. The integrated programmable controller makes each BioBox® fully autonomous. With your BioBox®, no need to hire specialized technicians. Your plant automatically adjusts to widely varying inflows.

A personalized, guaranteed solution

The modular design makes it possible to hook up several BioBox® to obtain just the right capacity for your situation. BioBox® provides a primary treatment solution for small communities and factories as a cost-effective extension to existing plants. The small footprint makes BioBox® the ideal solution for hotels, campsites, leisure parks, bathing or ski resorts, site accommodation facilities, or any other location with seasonal needs.

BioBox® comes in 2 formats :

BioBox®20> 20m³ / day (135 population equivalent) Size (L6,1xL2,5xH2,9) Installed power 3,7 kW

BioBox®40> 45m³ / day (300 population equivalent) Size L12,2xL2,5xH2,9 Installed power 7,4 kW

Options :

We tailor your BioBox® to suit your needs : treatment volumes, notifications by e-mail, SMS, GSM, custom programmable controller, sludge treatment, personalized color scheme.



BioBox[®] in a few numbers



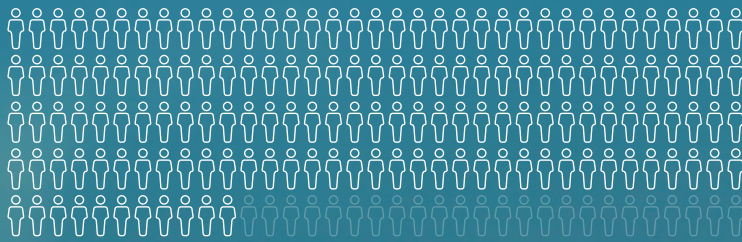
1 Day
TO INSTALL



2 Size
OF BIOBOX[®]



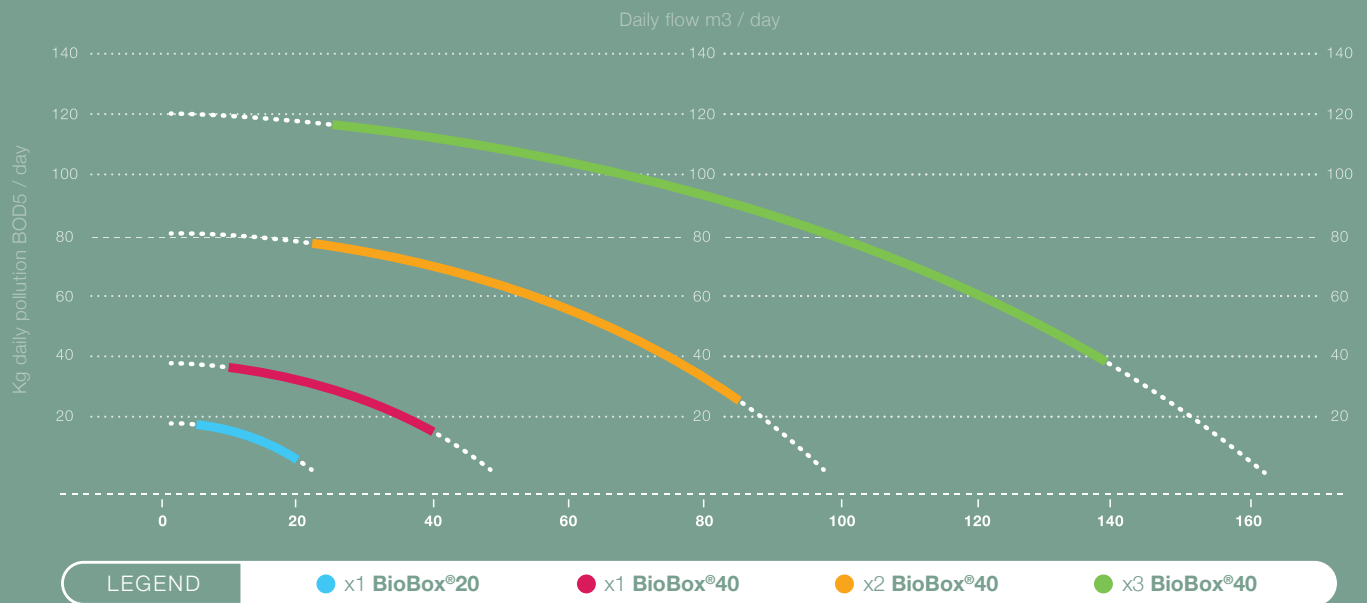
10 Years
GUARANTEE
ON THE TANK



up to
1500
POPULATION EQUIVALENT



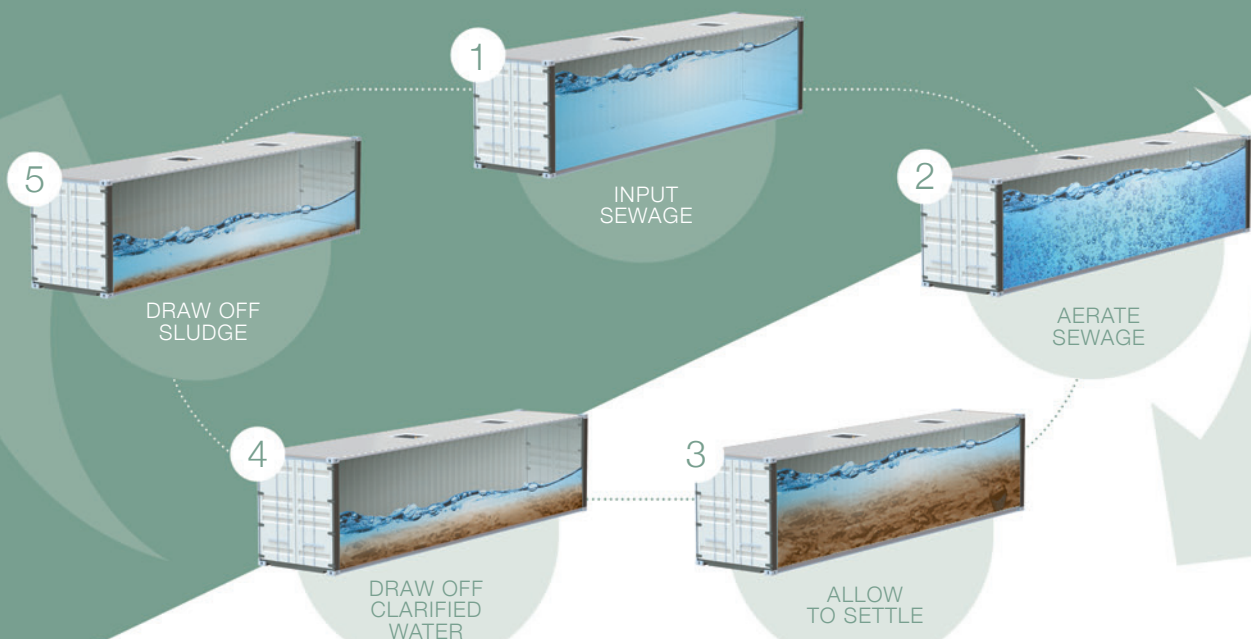
BioBox[®] capacity



A natural biological treatment

The BioBox[®] is a Sequential Batch Reactor (SBR). The process is entirely biological with no chemical additives. It ensures a consistent high quality treatment with no external intervention.

BioBox[®] uses a natural cycle in 5 steps :





BIOBOX



W W W . L E B I O B O X . C O M



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FLAU 
Separation technologies & water treatment

Flau's BioBox® and other innovative solutions are the fruit of over 30 years of experience in water treatment. Driven by a team of enthusiastic and highly qualified engineers capable of dealing with all aspects from design thru fabrication to delivery (transport, commissioning, after-sales service), we bring you full turn-key solutions for your water treatment needs worldwide.