



## Bert mobile concept

Bert mobile are fully industrially manufactured complete biogas systems. All advantages of industrial manufacturing e.g. quality control, mass production and economies of scale can be realized. But there are more advantages: like easy maintenance, low maintenance cost, fast installation and easy installation and up-powering.

The main goal of bert mobile customers is to be independent from the grid and to produce all the electrical energy needed just by the waste biomass available on site. The concept of Bert mobile is not a feed-in of electricity into the grid. Energy independence and no more energy cost is the goal!

How does it work?

Bert mobile arrives by standard truck. A local crane lifts off the 2 containers and places them at the predefined location. The Bert construction team will install the biogas system within 1-2 days. Then the digester gets filled up with the pump on board and heated up. Biogas production should start within 7-10 days. The onboard CHP will start to produce electricity accordingly. This electricity can be either used at the site or be provided to the local grid.



## Bert Mobile product line overview

bert mobile models:				
m <sup>3</sup> -kW el	kW	digester m <sup>3</sup>		engine type / CHP
	20' cont	40' container		
<b>60-15</b>	15	60		Cummins, Prakash, Cooper
<b>120-30</b>	30	60		Kubota, TEDOM, MAN
		60		
<b>180-40</b>	40	60		choices of CHP
		60		
		60		
<b>Models with more than 4 containers are upon demand</b>				
<b>Pre-Pit</b>				modular sizes
<b>Post-digester</b>				modular sizes
All pre-pit technology and post digester can come containerized !				

The CHP kW electrical output depends on the substrates used. There is no guarantee the maximum CHP power can be achieved. Design and technical specification will depend on climate zone, substrates and local manufacturing conditions. Subject to local changes.