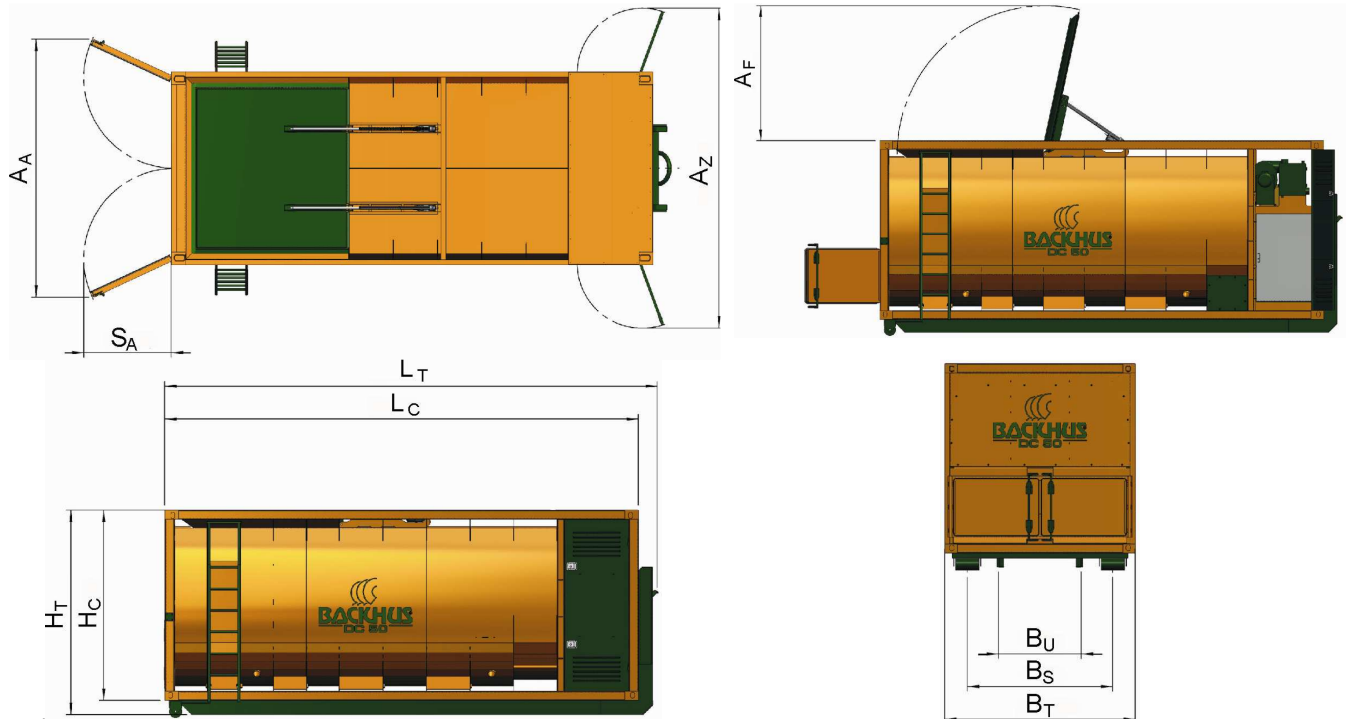


Technical Data / Delivery Volume

BACKHUS DC 50

working data			
length	L _C	mm (ft)	6.058 (20)
width	B _T	mm (ft)	2.438 (8)
height	H _C	mm (ft)	2.438 (8)
footprint approx.		m ² (yd ²)	15 (18)
opening height filling hatch	A _F	mm (inch)	1.850 (72.8)
swing radius discharge flaps	S _A	mm (inch)	1.100 (43.3)
swing open width discharge flaps	A _A	mm (inch)	3.300 (130)
swing open width access doors	A _Z	mm (inch)	4.050 (159.5)
retention time approx.*		days	3 - 15
filling capacity approx.*		t	7,5 - 12
annual throughput approx.*		t	450
composting reactor			
agitator diameter		mm (inch)	1.050 (41.3)
agitator rpm max.		RPM	1.1
interior volume	I _V	m ³ (yd ³)	19,5 (25.5)
aeration system			
fan performance inlet air		m ³ /h (yd ³ /h)	500 (654)
fan performance outlet air via biofilter		m ³ /h (yd ³ /h)	250 (327)
dimensions – transport			
length	L _C	mm (ft)	6.058 (20)
width	B _T	mm (ft)	2.438 (8)
height	H _C	mm (ft)	2.438 (8)
weight approx.**		t	6,5
dimensions – transport with roll-off platform (optional)			
length	L _T	mm (ft)	6.300 (20.7)
width	B _T	mm (ft)	2.438 (8)
height	H _T	mm (ft)	2.600 (8.5)
base width	B _U	mm (ft)	1.060 (3.5)
track width	B _S	mm (ft)	1.860 (6.1)

* depending on input material and on desired compost quality

** figures may differ depending upon equipment and input material.

power connection		
power supply	V / A	400 / 32 A CEE
power consumption daily approx.**	kWh	15
power consumption monthly approx.**	kWh	450

** figures may differ depending upon equipment and input material.

Frame

welded steel frame, box construction
 corrosion-resistant 2-color lacquer coating
 RAL1004 golden yellow and RAL6029 mint green
 Steel surfaces (except wear areas)
 Sa 2 1/2 blasted with DIN EN ISO 12944-4
 Coating in accordance with DIN EN ISO 12944-5
 Category C2
 Coat thickness 120µm

Stainless Steel – composting reactor

integrated leachate tank
 and 400 l fresh water tank
 leachate recycling circuit
 electrical hatch
 thermal-insulated composting reactor

Delivery accessories

touchscreen
 Beckhoff PLC-process control
 Automatic, inclusive digital process recording
 phase changing switch
 CEE-coupling socket
 400V, 50Hz, 32A, IP44
 CE-conformable instruction manual
 instruction manual will be delivered in German and in the
 particular language of the European country of use (outside
 Europe: English)

