

Technical Data / Delivery Volume

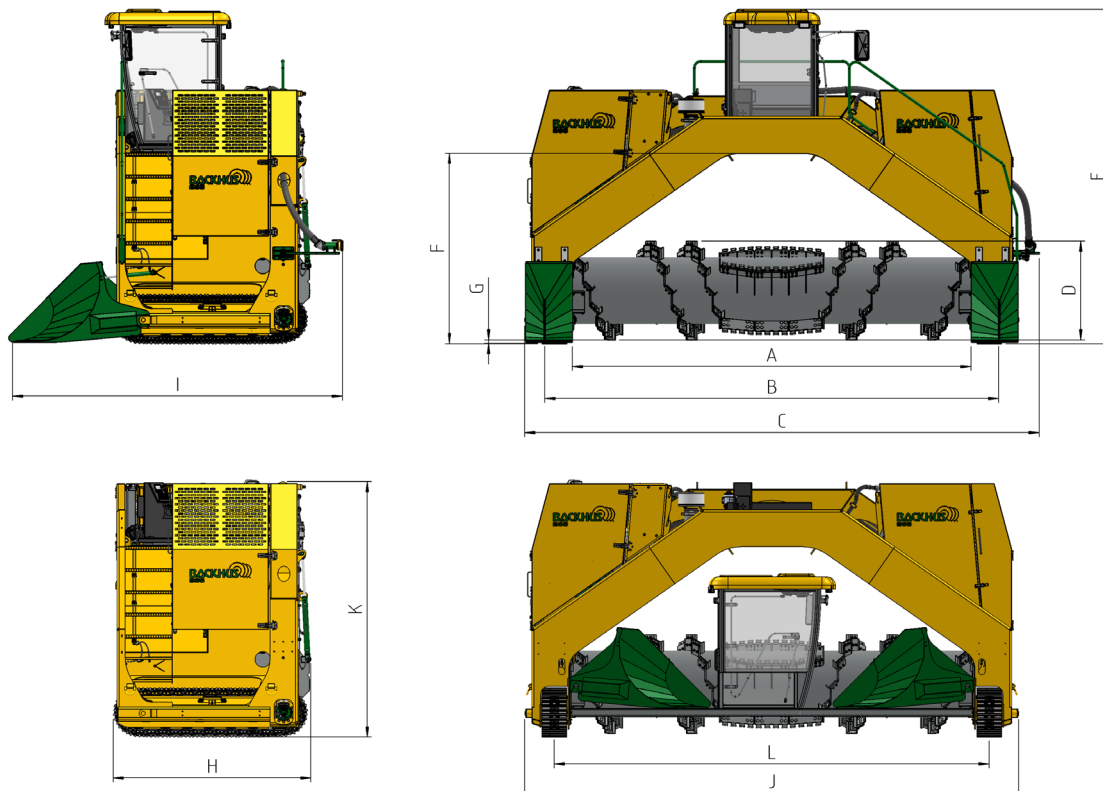


Figure similar

BACKHUS			B 55
Working Data			
heap width up to	B	m	5,5
heap height up to		m	2,5
heap cross section		m ²	7,5
surface utilization*		m ³ /m ²	1,36
width track clearer		m	0,35
cleaning share		%	1,6
granular size up to		mm	300
longitudinal heap displacement approx.		m	2,5
displacement capacity up to		m ³ /h	4.000
rotor torque		Nm	12.500
rotor rotation speed		min-1	220
Dimensions			B 55
rotor diameter	D	mm	1.200
length	I	mm	4.100
width	C	mm	6.300
height	E	mm	4.200
clearance width	A	mm	4.940
clearance height	F	mm	2.300
minimum ground clearance	G	mm	30
maximum ground clearance	G	mm	330

* at a dumping angle of 45°

** Values may differ depending upon equipment.

Dimensions			B 55
transport length	H	mm	2.400
transport width	J	mm	6.050
transport height	K	mm	3.100
track width	L	mm	5.300
turning diameter	M	mm	7.000
speed forwards and backwards		m/min	50
weight up to**		t	12
maximum ground pressure**		kg/cm ²	1,3
Engine			B 55
type			Volvo TAD 842 VE 210 kw @ 2.200
emission level			II EuroMot / Tier 2
cylinder			6
three-phase generator		V / A	24 / 110
battery		V / Ah	2x12 / 180
fuel tank		l	450

Frame

box construction type portal frame
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 12944-4
category C2
coat thickness 120µm (except powder coated areas)

Engine

Volvo Penta diesel engine
electronic engine management
4-valve technology
charge air cooling
waste gas turbocharger
intake air pre-filter

flexible engine mounting
reversion of maximum air flow in both directions
side-by-side cooling system with large mesh size

Undercarriage

compact caterpillar track drives with 300mm (118inch) triple grouser steel plates
independent hydraulic drives in closed circuit, infinitely variable adjustable

Rotor

hydraulic drive in closed circuit
RPM adjustable and reversible under load
infinitely variable adjustable in height under load
rotor height indicator
screwed tools
easily and quickly exchangeable
throwing rake
for best possible heap arrangement

Track clearer

independently hydraulically height adjustable
automatic ground contour adaptation

Hydraulics

reflux suction filtration with fiber glass filter cells
electric level and filter monitoring
reversion of maximum air flow in both directions

Cab

driver's seat
adjustable spring suspension seat
adjustable armrest
single-lever control with joystick
cabin filter according to G4 (EU4)
according to DIN EN 779 (DIN 24 185)
acoustic operation warning
acoustic back up warning
car radio mounting kit with 2 stereo speakers (incl. radio)
mirror left side

Irrigation

connection for towing hose 3" left
3" hose coupling with swivel arm left
water input up to 1000l/min in material discharge with special nozzle

Delivery accessories

2 LED head lamps front
2 LED head lamps back
access and rails according to standards
first-aid box
dismountable tool box
operating instructions and spare part catalogue
one copy operating instructions in English

Machine control

BACKHUS Track Control (BTC)
load depending track drive control with limited control (overload control function)
automatic drive with precise control

No machine commissioning included