

Technical data / delivery volume

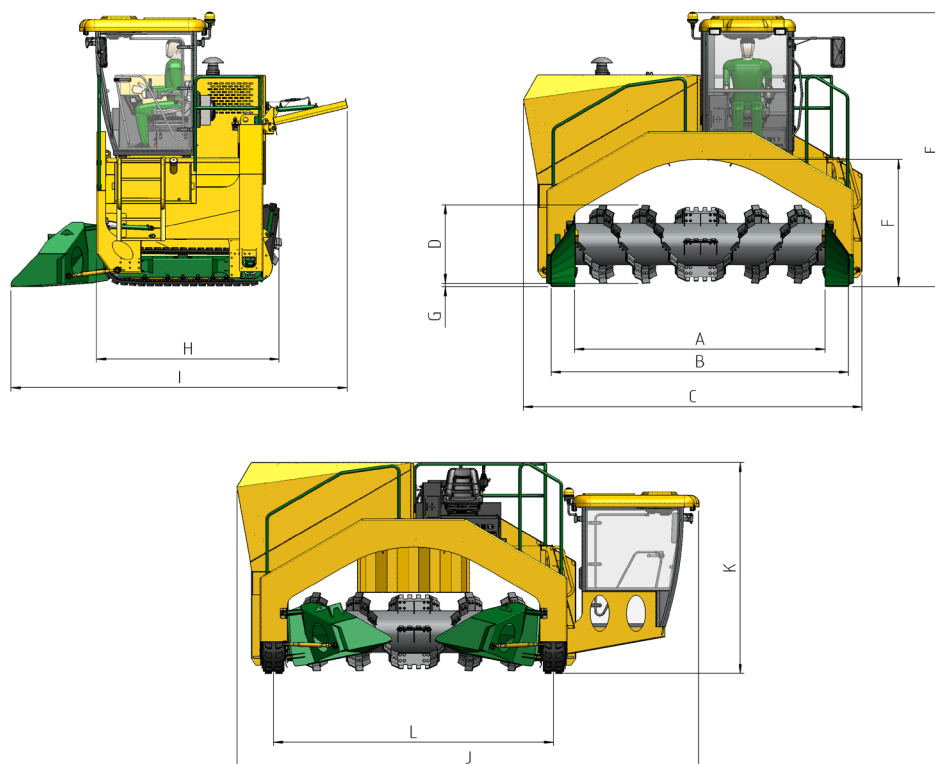


Figure similar

BACKHUS			A 36
Working Data			
heap width up to	B	m	3,6
heap height up to		m	1,8
heap cross section		m ²	3,2
surface utilization*		m ³ /m ²	0,90
width track clearer		m	0,28
cleaning share		%	2,4
granular size up to		mm	200
longitudinal heap displacement approx.		m	2,0
displacement capacity up to		m ³ /h	1.500
rotor torque		Nm	2.700
rotor rotation speed		min-1	350
Dimensions			A 36
rotor diameter	D	mm	950
length	I	mm	4.100
width	C	mm	3.950
height	E	mm	3.500
clearance width	A	mm	3.060
clearance height	F	mm	1.550
minimum ground clearance	G	mm	30
maximum ground clearance	G	mm	200

* at a dumping angle of 45°

** Values may differ depending upon equipment.

Dimensions			A 36
transport length	H	mm	2.300
transport width	J	mm	5.200
transport height	K	mm	2.450
track width	L	mm	3.400
turning diameter		mm	2.250
speed forwards and backwards		m/min	50
weight up to**		t	5
maximum ground pressure**		kg/cm ²	0,55
Engine			A 36
type			Volvo TAD 5x0 105 kw @ 2.300
emission level			IV EuroMot / Tier 4 or III A EuroMot / Tier 3
cylinder			4
three-phase generator		V / A	24 /110
battery		V / Ah	2x 12 /145
fuel tank		l	200

* at a dumping angle of 45°

** Values may differ depending upon equipment.

Frame

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 12944-5
Category C2
Coat thickness 120µm (except powder coated areas)

Engine

Volvo Penta diesel engine
system with large mesh size

Undercarriage

compact caterpillar track drive with rubber-lined track shoes
hydraulic drives infinitely variable adjustable

Rotor

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

Hydraulic rear flap

Track clearer

automatic ground contour adaptation
height adjustable

Hydraulics

reflux suction filtration with fiber glass filter cells
electric level and filter monitoring
magnetic valve with LED-performance indicator

Cab

adjustable spring suspension seat
single-lever control with joystick
CD/MP3/radio mounting kit with 2 stereo loudspeakers (incl. radio)
cabin filter according to G4 (EU4)
according to DIN EN 779 (DIN 24 185)
warm water heating with ventilation
automatic air-conditioning system
machine monitoring
with visual and acoustic warning
acoustic operation warning
acoustic back up warning
Delivery accessories
2 LED head lamps in the front of the cabin roof
2 LED head lamps in the back of the cabin roof
first-aid box
dismountable tool box
operating instructions and spare parts catalogue according to CE-standard
one copy operating instructions in German and one copy in the official language of the European country of application (outside of Europe: English).
introduction in the machine
instructions on theoretical and practical knowledge about the machine in practical operation

Machine control

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