

Technical data / delivery volume

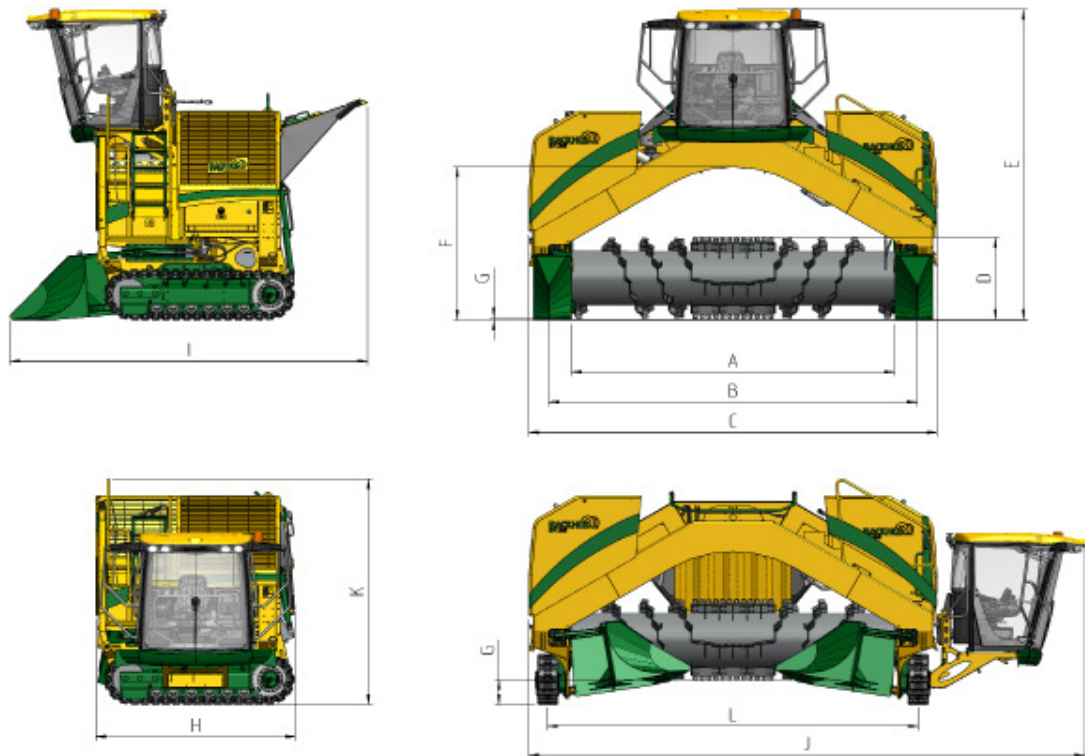


Figure similar

BACKHUS			A 50	A 55	A 60	A 65
Working Data						
heap width up to	B	m	5	5,5	6	6,5
heap height up to		m	2,4	2,5	2,6	3
heap cross section		m ²	6,24	7,5	8,84	10,5
surface utilization*		m ³ /m ²	1,25	1,36	1,47	1,62
width track clearer		m	0,34	0,34	0,34	0,34
cleaning share		%	1,9	1,5	1,3	1,1
granular size up to		mm	300	300	300	300
longitudinal heap displacement approx.		m	2,5	2,5	2,5	2,5
displacement capacity up to		m ³ /h	3.600	4.000	4.600	5.000
rotor torque		Nm	12.500	12.500	12.500	15.000
rotor rotation speed		min-1	220	220	220	190
Dimensions			A 50	A 55	A 60	A 65
rotor diameter	D	mm	1.200	1.200	1.200	1.400
length	I	mm	4.900	4.900	5.400	5.400
width	C	mm	5.700	6.200	6.700	6.900
height	E	mm	4.650	4.750	4.850	5.150
clearance width	A	mm	4.440	4.940	5.440	5.800
clearance height	F	mm	2.200	2.300	2.400	2.800
minimum ground clearance	G	mm	30	30	30	30
maximum ground clearance	G	mm	350	350	350	350

* at a dumping angle of 45°

** Values may differ depending upon equipment.

Dimensions			A 50	A 55	A 60	A 65
transport length	H	mm	2.550	2.550	2.950	2.950
transport width	J	mm	8.000	8.500	9.000	10.200
transport height	K	mm	3.100	3.100	3.400	3.600
track width	L	mm	5.020	5.570	6.070	6.300
turning diameter	M	mm	6.800	7.200	7.600	8.000
speed forwards and backwards		m/min	50	60	60	60
weight up to**		t	16,0	17,0	18,0	22,0
maximum ground pressure**		kg/cm ²	1,37	1,37	1,41	1,75
Engine			A 50	A 55	A 60	A 65
type			Volvo TAD 8x3 VE 235 kw @ 2.200		Volvo TAD 13x1 VE 285 kw @ 1.900	Volvo TAD 13x3 VE 345 kw @ 1.900
emission level			IV EuroMot / Tier 4 or III A EuroMot / Tier 3			
cylinder			6	6	6	6
three-phase generator		V / A	24 / 110	24 / 110	24 / 130	24 / 110
battery		V / Ah	2x12 / 180	2x12 / 180	2x12 / 225	2x12 / 225
fuel tank		l	500	500	500	500

* at a dumping angle of 45°

** Values may differ depending upon equipment.

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 (except powder coated areas)

Engine

Volvo Penta diesel engine
electronic engine management
intake air pre-filter
side-by-side cooling system with large mesh size
reversion of maximum air flow in both directions
trapezoidal perforated sheet for pre-cleaning cooling air
engine hood can be opened widely

Undercarriage chain

compact caterpillar track drives with rubber-lined track shoes
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

Hydraulic rear flap

Track clearer

independently hydraulically height adjustable
automatic ground contour adaptation

Hydraulics

hydraulic oil cooler with reversion of maximum air flow in both
directions
reflux suction filtration with fiber glass filter cells

electric level and filter monitoring
magnetic valve with LED-performance indicator
Panorama-ease and convenience cabin
adjustable spring born seat for driver
Arm rests with operating elements
CD/MP3/radio mounting kit with 2 stereo loudspeakers
cabin filter according to G4 (EU4)
according to DIN EN 779 (DIN 24 185)
warm water heating with three-stage ventilation
automatic air-conditioning system
side window can be opened
all around sun protection

Electrical equipment

4 halogen head lights, in the front roof of the cabin
2 halogen head lights, behind the cabin
rotating beacon
machine monitoring

with visual and acoustic warning

acoustic operation warning

acoustic back up warning

Delivery accessories

amply access and railing
dismountable tool box
first-aid box
operating instructions 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 machi-
ne 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