

Technical data / delivery volume

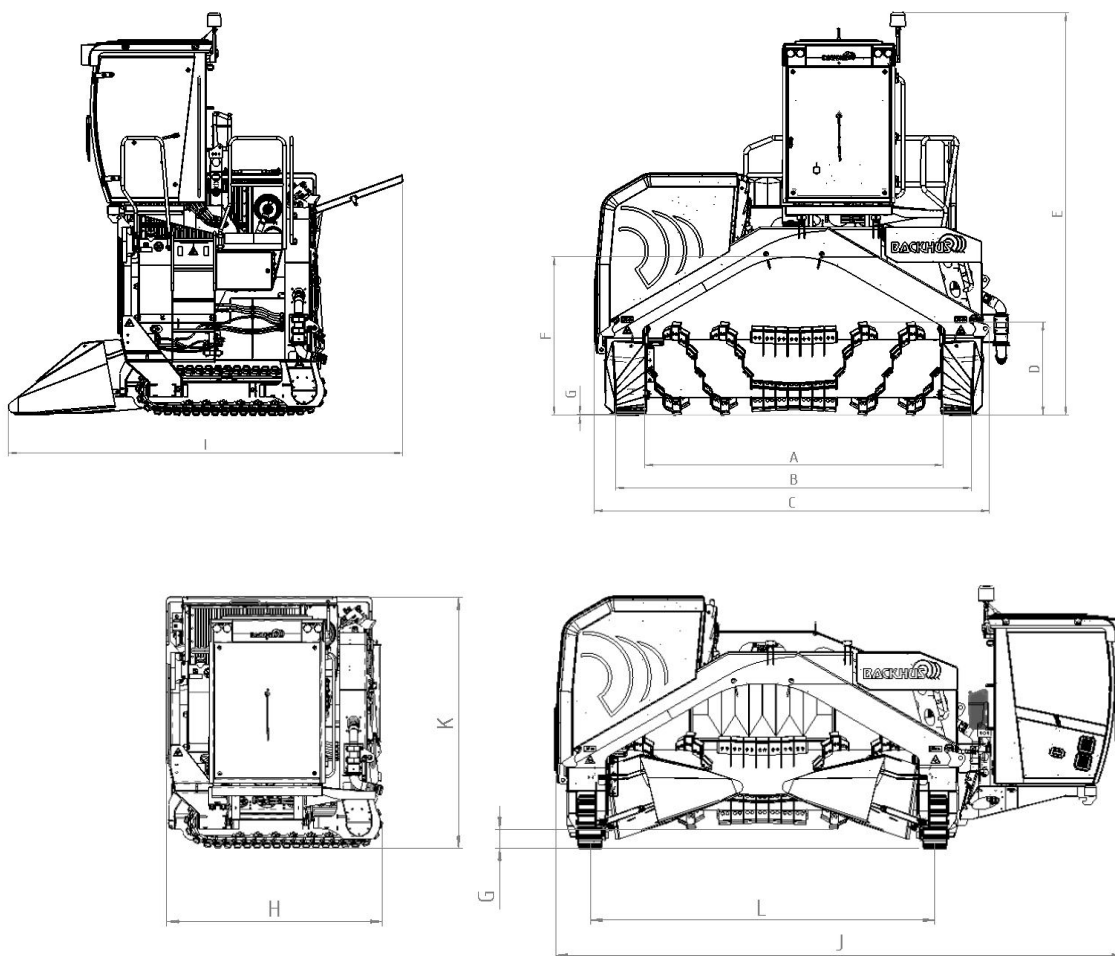


Figure similar

BACKHUS			A 38
Working Data			
windrow width up to	B	m	3,8
windrow height up to		m	1,9
windrow cross section		m ²	3,6
surface utilization*		m ³ /m ²	0,95
width track clearer		m	0,30
cleaning share		%	2,5
granular size up to		mm	200
windrow movement during turning approx.		m	2
turning capacity up to		m ³ /h	1.500
rotor torque		Nm	4.250
rotor rotation speed		rpm	230
standard tools		pieces	80

* at a dumping angle of 45°

** Values may differ depending upon equipment.

Dimensions work			A 38
rotor diameter	D	mm	1.000
length	I	mm	4.350
width	C	mm	4.500
height	E	mm	4.350
clearance width	A	mm	3.210
clearance height	F	mm	1.700
minimum ground clearance	G	mm	30
maximum ground clearance	G	mm	200
Dimensions transport			A 38
transport width	H	mm	2.250
transport length	J	mm	5.900
transport height	K	mm	2.600
track width	L	mm	3.600
turning diameter		mm	6.200
speed forwards and backwards		m/min	0-70
weight up to**		t	6,7
maximum ground pressure**		kg/cm ²	0,50
Engine			A 38
type			CUMMINS F3.8 115 kW (154 PS) @ 2.200 rpm
emission level			EU Stufe V / EPA Tier 4f or EU Stufe II / EPA Tier 2
cylinder			4
three-phase generator		V / A	24 /80
battery		V / Ah	2x 12 /88
fuel tank		l	300
Engine			A 38
type			CUMMINS F3.8 104 kW (139 PS) @ 2.200 1/min
emission level			EU Stufe III A / EPA Tier 3
cylinder			4
three-phase generator		V / A	24 /80
battery		V / Ah	2x 12 / 145
fuel tank		l	300

* at a dumping angle of 45°

** Values may differ depending upon equipment.

Frame

portal frame
corrosion-resistant 2-color lacquer coating
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

CUMMINS diesel engine
system with large mesh size
intake air pre-filter
Three-circuit-cooling system with large mesh size
reversing cooling fans assure maximum air flow in both directions
trapezoidal perforated sheet for pre-cleaning cooling air
electrically actuated engine hood opens widely

Undercarriage

compact track drives with rubber tracks
independent hydraulic drives in opened circuit, infinitely variable adjustable

Rotor

hydraulic drive in closed circuit
RPM adjustable under load
turning direction reversible
infinitely variable height adjustment under load
bolted tools
easily and quickly exchangeable

Hydraulic tailgate

Track clearer

automatic "float feature" to compensate for uneven surfaces
independently hydraulically height adjustment
hydraulically foldable

Hydraulics

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

Convenience cabin

infinitely adjustable air ride seat for driver
Arm rests with operating controls
one-lever steering with joystick
Generous interactive 12.1" TFT touch screen
Details of machine status
BACKHUS DIAGNOSTIC MANAGEMENT (BDM)
Complete user manual
bluetooth radio with CD receiver
bluetooth phone connection possible
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
all around sun protection

Electrical equipment

4 LED head lights, in the front roof of the cabin
2 LED head lights, behind the cabin
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).

Machine control

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

Introduction in the machine

theoretical and practical training