

Figure similar

Facts

The BACKHUS A 30 is a robust, compact and manoeuvrable turner that is easy to operate. It requires little maintenance and provides superior performance. The fully selfpropelled A 30 is easy to transport and assures maximum flexibility. It is ideally suited for use in the gardening, landscaping, fruitgrowing and market gardening sectors as well as for the maintenance of municipal parks.

- Heavy-duty, compact design
- Economical diesel technology
- Height-adjustable, reversible rotor
- Fully hydraulic, low-maintenance drive
- Optional rear tailgate for material control
- Self-propelled, no tractor necessary - optimal utilization of space available
- Easy to transport and ready for use in no time at all



technical data			
Working Data			
heap width up to	B	m	3,0
heap height up to		m	1,3
heap cross section		m ²	2,2
surface utilization*		m ³ /m ²	0,74
width track clearer		m	0,22
cleaning share		%	2,2
granular size up to		mm	150
longitudinal heap displacement approx.		m	1,5
displacement capacity up to		m ³ /h	700
rotor torque		Nm	1.300
rotor rotation speed		min-1	400
Dimensions			
rotor diameter	D	mm	730
length	J	mm	2.600
width	C	mm	3.500
height	E	mm	1.900
clearance width	A	mm	2.570
clearance height	F	mm	1.200
minimum ground clearance	G	mm	10
maximum ground clearance	G	mm	100
Dimensions Transport			
transport length	H	mm	1.350
transport width	J	mm	4.200
transport height	K	mm	1.900
track width	L	mm	2.790
turning diameter	M	mm	4.000
speed forwards and backwards		m/min	0 - 50
weight up to**		t	1,9
maximum ground pressure**		kg/cm ²	1
Engine			
type			Yanmar 4TNV88 40 kw @ 2.400 or Yanmar 4TNV88 35,4 kw @ 3.000
emission level			IV EuroMot / Tier 4 or III A EuroMot / Tier 3
cylinder			4
three-phase generator	V / A		12 / 40
battery	V / Ah		12 / 88
fuel tank	l		50

* At a dumping angle of 45°
 ** Values may differ depending upon equipment



BACKHUS HD S
BACKHUS HD ME



Radio controlled –
the hose drum with 2" or 3" connection



In motion –
the mobile cab



Intelligent space utilization –
Side Conveyor



Additional hardening –
armoured drum tools



Process optimisation –
injecting water during turning



Professional optimisation of the composting process –
BACKHUS Fleece Winder



For increased traction on loose ground –
the landfill undercarriage



Reduce dust and noise –
enclose it

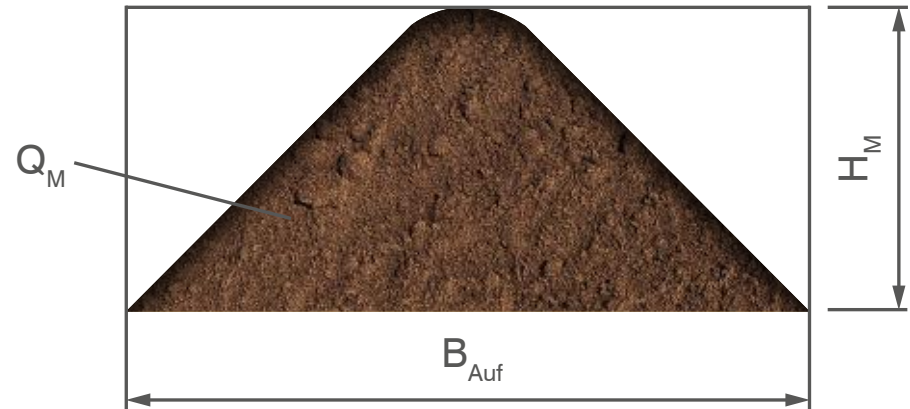
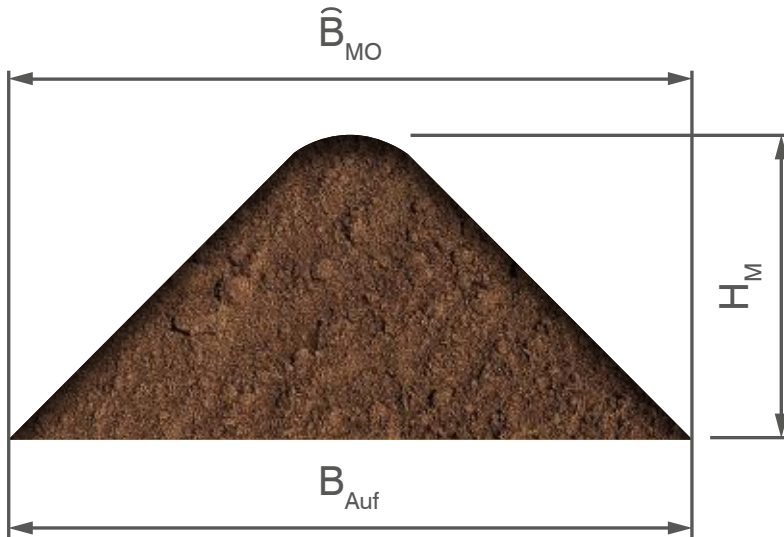
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Various concepts for specific waste management and composting require specific and distinctive solutions. We offer a unique set of continuously developed project solutions for your individual concepts. You will find your personal contacts at www.backhus.com

- World's largest range of optional features
- Optimising operating costs
- Solutions for emissions reduction
- Individual development for custom made projects
- Practical consulting and project solutions in dialogue with the customer

BTC Automatic speed control –
BACKHUS Track Control (BTC)

BMS Maximum Power and Maximum Efficiency –
BACKHUS Management System (BMS)



width of heap surface*: $Q_M = B_{Auf} \times H_M - H_M^2$ or $(B_{Auf} - H_M) \times H_M$
 heap cross section*: $B_{MO} = 0,83 \times H_M + B_{Auf}$

* At a dumping angle of 45°

Heap Geometry		A 30	A 36	A 43	A 50	A 55	A 60	A 65	A 70	A 75	A 46	A 53	A 58	A 63
heap width	B	3,00	3,60	4,30	5,00	5,50	6,00	6,50	7,00	7,50	4,60	5,30	5,80	6,30
heap height	H	1,30	1,80	2,10	2,40	2,50	2,61	3,00	3,20	3,30	2,30	2,40	2,50	2,60
width of heap surface*	B	4,10	5,10	6,00	7,00	7,60	8,20	9,00	9,70	10,20	6,50	7,30	7,90	8,50
heap cross section*	Q	2,21	3,24	4,62	6,24	7,50	8,85	10,50	12,16	13,86	5,29	6,96	8,25	9,62