



BACKHUS			16.30
working data			
heap width up to	B _{Auf}	m (ft)	3,0 (9.9)
heap height up to		m (ft)	1,30 (4.3)
heap cross section*		m ² (yd ²)	2,2 (2.6)
surface utilization*		m ³ /m ² (yd ³ /yd ²)	0,73 (0.81)
width track clearer		m (inch)	2x 0,22 (2x 8.7)
clearing share*		%	2,2
granular size up to		mm (inch)	150 (5.9)
longitudinal heap displacement approx.		m (ft)	1,5 (4.9)
rotor rotation speed		min ⁻¹ (rpm)	400
displacement capacity up to		m ³ /h (yd ³ /h)	700 (980)
number of firm throwing tools		-	36
dimensions - work			
length**	L _A	mm (ft)	1.950 (6.4)
width**	B _A	mm (ft)	3.500 (11.5)
height	H	mm (ft)	1.900 (6.3)
rotor diameter	D _R	mm (inch)	735 (29.0)
clearance height	H _D	mm (ft)	1.200 (4.0)
clearance width	B _D	mm (ft)	2.570 (8.4)
ground clearance max.	H _F	mm (inch)	10 – 100 (0.4 – 4.0)
dimensions - transport			
length**	L _T	mm (ft)	1.250 (4.1)
width**	B _T	mm (ft)	3.250 (11.7)
height**	H	mm (ft)	1.900 (6.3)
forward feed speed forward / backward		m/min (ft/min)	0 – 3,0 (0 – 9.9)
weight approx.**		kg	1.900
ground pressure approx.**		kg/cm ² (PSI)	0,59 (8.4)

* at a dumping angle of 45°

** Values may differ depending upon equipment.



BACKHUS		16.30
engine		Yanmar
type		4 TNV 88 4-cycle-diesel, water-cooled
cylinder		4
cubic capacity	ccm	2,190
nominal capacity	kW (HP) RPM	35,4 (47.5) @ 3,000
max. torque	Nm (lbf ft) RPM	143 (106) @ 1,800
three-phase generator	V	12
battery	V / Ah	12 / 88
fuel tank	l	50

Frame

portal frame
corrosion-resistant 2-color lacquer coating
RAL 1004 golden yellow and RAL 6029 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

Engine

diesel engine
electrical start / stop- function
exhaust gas certification level:
III a (EuroMot) / Interim Tier 4 (EPA)

Undercarriage

compact caterpillar tracks
hydrostatic drives infinitely variable adjustable in
closed circuit

Rotor

hydrostatic drive in closed circuit
RPM adjustable and reversible under load
infinitely variable adjustable in height under load
rotor height indicator
screwed BACKHUS-standard-tools
easily and quickly exchangeable

Track clearer

automatic ground contour adaptation
hydraulically liftable

Delivery accessories

operating instructions and spare part catalogue according
to CE-standard
Operating instructions are enclosed in German and in
the native language of the European country of
application (outside of Europe: English).

No machine commissioning included

