



working data			16.43	16.50	16.55	16.60
heap width up to	B _{Auf}	m (ft)	4,3 (14)	5,0 (16)	5,5 (18)	6,0 (20)
heap height up to		m (ft)	2,1 (6.9)	2,4 (7.2)		2,6 (8.5)
heap cross section at a dumping angle of 45 deg		m ² (yd ²)	4,6 (5.5)	6,2 (7.4)	7,5 (9.0)	8,9 (10.6)
surface utilization		m ³ /m ² (yd ³ /yd ²)	1,07 (1.17)	1,24 (1.35)	1,36 (1.49)	1,48 (1.62)
width track clearer		m (inch)	2 x 0,3 (12)			
clearing share		%	2,2	1,6	1,4	1,1
granular size up to		mm (inch)	300 (12)			
longitudinal heap displacement approx.		m (ft)	2,5 (8)			
displacement capacity up to		m ³ /h (yd ³ /h)	2.400 (3,200)	3.000 (4,000)	3.000 (4,000)	3.500 (4,600)
rotor torque		Nm (lbf ft)	7.500 (5,500)	9.200 (6,800)	12.600 (9,300)	
number of throwing tools		-	40	56	68	72
number of throwing rakes		-	8			12
dimensions work						
rotor diameter	D _R	mm (inch)	1.000 (39)		1.200 (47)	
ground clearance max.	F _{max}	mm (inch)	450 (18)		300 (12)	
clearance width	B _R	mm (ft)	3740 (12.3)	4.440 (14.5)	4.940 (16.2)	5.440 (17.8)
clearance height	H	mm (ft)	1.900 (6.2)	2.200 (7.2)		2.400 (7.9)
length	L _A	mm (ft)	4780 (15.7)			
width	B _A	mm (ft)	4.500 (14.8)	5.200 (17)	5.700 (18.7)	6.300 (20.7)
height	H _A	mm (ft)	4210 (13.8)	4500 (14.8)		4700 (15.4)
transport						
length	L _T	mm (ft)	2.550 (8.4)			
width	B _T	mm (ft)	6.450 (21.2)	7.150 (23.5)	7.650 (25.1)	8.150 (26.7)
height	H _T	mm (ft)	3050 (10)			
track width		mm (ft)	4.020 (13.2)	4.720 (15.5)	5.220 (17.1)	5.720 (18.8)
turning radius		mm (ft)	2900 (9.5)	3.100 (10.2)	3.300 (10.8)	3.500 (11.5)
forward feed speed forward/backward		m/min (ft/min)	0-60 (0-200)	0-50 (0-160)		0-40 (0-130)
weight approx.		t	8,5	9,5	10,5	12
ground pressure		kg/cm ² (PSI)	0,94 (13.4)	1,06 (15.1)	1,17 (16.6)	1,33 (18.9)

t = metric ton

	16.43	16.50	16.55	16.60
Engine	Cummins Turbo-Diesel water cooled			
type	QSB 5.9-C205	QSC 8.3-C280		QSL 9-C330
cylinder	6			
cubic capacity	5,9 l	8,3 l		8,9 l
nominal capacity	153 kW / 205 HP @ 2.500 RPM	209 kW / 280 HP @ 2.200 RPM		246 kW / 330 HP @ 2.100 RPM
maximum capacity	160 kW / 215 HP @ 2.300 RPM	224 kW / 300 HP @ 2.000 RPM		261 kW / 350 HP @ 1.900 RPM
max. torque	847 Nm / 625 lbf ft @ 1300-1500 RPM	1356Nm / 1000 lbf ft @ 1300-1500 RPM		1532 Nm/1130 lbf ft @ 1300-1400 RPM
three-phase generator	24 V, 70A			
battery	2x12V, 143 Ah			
fuel tank	250 l			

Frame

box construction type 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
Coating in accordance with DIN 12944-5
Category C2
Coat thickness 120µm

Engine

high-power CUMMINS-Diesel engine
exhaust gas certification level II
4-valve technology
turbocharger
charge air cooling
electronic engine management
flexible engine mounting
side-by-side cooling system with large mesh size
trapezoidal perforated sheet for pre-cleaning cooling air

Undercarriage

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 swiveling and height adjustable
automatic ground contour adaptation

Hydraulics

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
one-lever steering with joystick
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
air-conditioning system
side window can be opened
sun protection front and back
4 halogen head lamps in cabin roof

Delivery accessories

2 halogen head lamps front
2 halogen head lamps back
machine monitoring with visual and acoustic warning
acoustic operation warning
acoustic back up warning
first-aid box
console with rapid changing device
For transport the cabin can be brought into transport position with a loading crane.
GfK-engine hood can be opened widely
dismountable tool box
operating instructions and spare part catalogue according to CE-standard
Operating instructions and spare part catalogue are enclosed in German and in the native language of the European country of application (outside of Europe: English). Operating instructions and spare part list of the diesel engine are enclosed in the original.
introduction in the machine
instructions on theoretical and practical knowledge about the machine in practical operation
amply access and rails according to standards

Subject to technical alterations