



			LT xx xx DC					
			45 20	50 20	45 22	50 22	50 24	50 27
working data								
row width	B _L	m (ft)	4,5 (14.8)	5,0 (16.4)	4,5 (14.8)	5,0 (16.4)		
row height	H _L	m (ft)	2,2 (7.2)		2,4 (7.9)		2,7 (8.9)	3,0 (9.8)
material height max.	H _M	m (ft)	2,0 (6.6)		2,2 (7.2)		2,4 (7.9)	2,7 (8.9)
surface utilization		m ³ /m ² (yd ² /yd ³)	1,9 (6.2)		2,1 (6.9)		2,3 (7.5)	2,6 (8.5)
wall width min.	B _W	m (ft)	0,3 (1.0)					
granular size up to		mm (inch)	300 (11,8)					
longitudinal heap displacement approx.		m (ft)	2,2 (7.2)		2,5 (8.2)		2,9 (9.5)	3,2 (10.5)
displacement capacity up to		m ³ /h (yd ³ /h)	2.000 (2,600)					
rotor torque		Nm (lbf ft)	12.000 (8,800)				14.000 (10,300)	
number of throwing tools		-	104	116	104	116		
dimensions – work								
rotor diameter	D _R	m (ft)	1,2 (3.9)		1,4 (4.6)		1,6 (5.2)	1,8 (5.9)
rotor width	B _R	m (ft)	4,4 (14.4)	4,9 (16.1)	4,4 (14.4)		4,9 (16.1)	
length	L _A	m (ft)	7,5 (24.6)		7,7 (25.3)		8,0 (26.2)	8,3 (27.2)
width	B _A	m (ft)	5,8 (19.0)	6,3 (20.7)	5,8 (19.0)		6,3 (20.7)	
height	H _A	m (ft)	2,8 (9.2)					
dimensions – transport								
length	L _T	m (ft)	4,1 (13.5)		4,3 (14.1)		4,6 (15.1)	4,9 (16.1)
width	B _T	m (ft)	8,0 (26.2)	8,5 (27.9)	8,0 (26.2)		8,5 (27.9)	
height	H _A	m (ft)	2,8 (9.2)					
track width	B _{Spur}	m (ft)	4,8 (15.7)	5,3 (17.4)	4,8 (15.7)		5,3 (17.4)	
forward feed speed forward/backward		m/min (ft/min)	0-50 (0-160)					
weight approx.		t	15	16		17	17,5	18
ground pressure approx.		kg/cm ² (PSI)	1,9 (27.0)	2,1 (29.8)	1,9 (27.0)	2,1 (29.8)	2,0 (28.4)	1,9 (27.0)

		LT xx xx D C					
		45 20	50 20	45 22	50 22	50 24	50 27
Engine		Cummins Turbo-Diesel (water cooled)					
type		QSC 8.3-C280			QSL 9-C325		
cylinder		6					
cubic capacity	l	8,3			8,9		
nominal capacity	KW (HP)	209 (280)			242 (325)		
	RPM	@ 2,100			@ 2,100		
maximum capacity	KW / HP	224 (300)			261 (350)		
	RPM	@ 2,000			@ 1,900		
max. torque	Nm / (lbf ft)	1.356 (1,000)			1.424 (1,050)		
	RPM	@ 1,500			@ 1,500		
three-phase generator	V / A	24 / 70					
battery	V / Ah	2x12 / 143					
fuel tank	l	500					
water cooler and charge air		water / air und air / air (combined cooler)					
hydraulic oil cooler		oil / air					

Frame

two-coloured lacquer, corrosion-resistant, welded as box construction type

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 12944-5

Category C5-I

Coat thickness 240µm

Engine

high-power CUMMINS-Diesel engine

exhaust gas certification level:

III A (EuroMot) / Tier 3 (U.S. EPA)

4-valve technology

Common Rail fuel injection system

waste gas 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

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

Panorama-ease and convenience cabin

adjustable spring born seat for driver

arm rests with operating elements

one-lever steering with joystick

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

air-conditioning system

side window can be opened

sun protection front and back

2 halogen head lamps in cabin roof

console with rapid changing device

For transport the cabin can be brought into transport position with a external loading crane.

Hydraulics

reflux suction filtration with fiber glass filter cells

electric level and filter monitoring

magnetic valve with LED-performance indicator

Delivery accessories

intake air pre-filter

electrical machine monitoring

acoustic operation warning

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).

introduction in the machine

instructions on theoretical and practical knowledge about the machine in practical operation