Technical sheet :







	103081	orcalee
Capacities		
Operating Weight		
Unladen weight		
Operating Capacity at 35% Tipping Load		
Operating Capacity At 50% Tipping Load		
Tipping capacity		
Weight and dimensions		
Overall Operating Height - Fully Raised	h27	
Height to Hinge Pin - Fully Raised	h28	
Dump reach - Full height	гб	
Dump angle at full height	a5	
Dump Height - Fully Raised	h29	
Maximum Rollback Angle - Fully Raised	a4	
Overall Height to top of ROPS	h17	
Overall length with bucket	116	
Overall Length without Bucket	11	
Specified Height	h31	
Reach at Specified Height	r4	
Dump angle at specified height	a17	
Carry Position	d5	
Maximum Rollback Angle at Carry Position	a14	
Digging Position	h32	
Angle of Departure with STD Counterweight		
Ground clearance	m4	
Track gauge	b10	
Track Shoe Width	b20	
Crawler base	у2	
Overall width less bucket	b1	
Bucket Width	e1	
Clearance Radius - Front with Bucket	b18	
Angle of Approach	a3	
Grouser Height		
Track Type / Track Rollers / Roller Type		
Performances		
Ground Speed - Single Speed		
Drawbar Pull/Tractive Effort		
Bucket Breakout - Tilt Cylinder		
Bucket Breakout - Lift Cylinder		
Engine		
Engine brand		
Engine model		
Motor Type		
Gross Power / Power		
Net Power / Power		
Max. torque		
I.C. Engine power rating		
Battery voltage		
Cold Cranking Amps at Temperature (CCA)		
Alternator - Voltage / Ampere		
Hydraulics		
Standard flow - Auxiliary hydraulics		
Tank capacities		
Oil Pan Capacity		
Hydraulic tank capacity		
Fuel tank		
Liquid cooling tank volume		
Displacement / Number of cylinders		
Noise and vibration		
Noise to environment (LwA)		
Noise at driving position (LpA)		
Miscellaneous		
Ground Pressure		

	Metric
	2141 kg
	1928 kg
	476 kg
	680 kg
	1361 kg
h27	3650 mm
h28	2769 mm
гб	673.10 mm
a5	38 °
h29	2134 mm
a4	102 °
h17	1816 mm
116	2985 mm
11	2258 mm
h31	1466 mm
r4	991 mm
a17	72 °
d5	127 mm
a14	32 °
h32	0 mm
	35 °
m4	191 mm
b10	1039 mm
b20	250 mm
y2	1283 mm
b1	1290 mm
e1	1372 mm
b18	1854 mm
a3	90 °
	25 mm
	Rubber / 4 / Steel
	10.10 km/h
	1996 kg
	1346 kg
	1376 kg
	Yanmar
	3TNV88C-KMSV
	Radial Piston
	Radial Piston 25.50 kW @ 2800 rpm
	Radial Piston 25.50 kW @ 2800 rpm 23.70 kW / 2800 rpm
	Radial Piston 25.50 kW @ 2800 rpm 23.70 kW / 2800 rpm 109.40 Nm
	Radial Piston 25.50 kW @ 2800 rpm 23.70 kW / 2800 rpm 109.40 Nm 34.20 Hp
	Radial Piston 25.50 kW @ 2800 rpm 23.70 kW / 2800 rpm 109.40 Nm 34.20 Hp 12 V
	Radial Piston 25.50 kW @ 2800 rpm 23.70 kW / 2800 rpm 109.40 Nm 34.20 Hp 12 V 800 A
	Radial Piston 25.50 kW @ 2800 rpm 23.70 kW / 2800 rpm 109.40 Nm 34.20 Hp 12 V
	Radial Piston 25.50 kW @ 2800 rpm 23.70 kW / 2800 rpm 109.40 Nm 34.20 Hp 12 V 800 A 12 V / 55 A
	Radial Piston 25.50 kW @ 2800 rpm 23.70 kW / 2800 rpm 109.40 Nm 34.20 Hp 12 V 800 A
	Radial Piston 25.50 kW @ 2800 rpm 23.70 kW / 2800 rpm 109.40 Nm 34.20 Hp 12 V 800 A 12 V / 55 A 55 I/min
	Radial Piston 25.50 kW @ 2800 rpm 23.70 kW / 2800 rpm 109.40 Nm 34.20 Hp 12 V 800 A 12 V / 55 A 55 I/min 5.87 I
-	Radial Piston 25.50 kW @ 2800 rpm 23.70 kW / 2800 rpm 109.40 Nm 34.20 Hp 12 V 800 A 12 V / 55 A 55 I/min 5.87 I 30 I
	Radial Piston 25.50 kW @ 2800 rpm 23.70 kW / 2800 rpm 109.40 Nm 34.20 Hp 12 V 800 A 12 V / 55 A 55 I/min 5.87 I 30 I 36 I
	Radial Piston 25.50 kW @ 2800 rpm 23.70 kW / 2800 rpm 109.40 Nm 34.20 Hp 12 V 800 A 12 V / 55 A 55 I/min 5.87 I 30 I 36 I 6.62 I
	Radial Piston 25.50 kW @ 2800 rpm 23.70 kW / 2800 rpm 109.40 Nm 34.20 Hp 12 V 800 A 12 V / 55 A 55 I/min 5.87 I 30 I 36 I
	Radial Piston 25.50 kW @ 2800 rpm 23.70 kW / 2800 rpm 109.40 Nm 34.20 Hp 12 V 800 A 12 V / 55 A 55 l/min 5.87 l 30 l 36 l 6.62 l 1.64 l / 3
	Radial Piston 25.50 kW @ 2800 rpm 23.70 kW / 2800 rpm 109.40 Nm 34.20 Hp 12 V 800 A 12 V / 55 A 55 l/min 5.87 l 30 l 5.87 l 30 l 6.62 l 1.64 l / 3
	Radial Piston 25.50 kW @ 2800 rpm 23.70 kW / 2800 rpm 109.40 Nm 34.20 Hp 12 V 800 A 12 V / 55 A 55 I/min 5.87 I 30 I 36 I 6.62 I 1.64 I / 3
	Radial Piston 25.50 kW @ 2800 rpm 23.70 kW / 2800 rpm 109.40 Nm 34.20 Hp 12 V 800 A 12 V / 55 A 55 l/min 55 l/min 55 l/min 6.62 l 1.64 l / 3 101 dB 85.80 dB
	Radial Piston 25.50 kW @ 2800 rpm 23.70 kW / 2800 rpm 109.40 Nm 34.20 Hp 12 V 800 A 12 V / 55 A 55 I/min 5.87 I 30 I 5.87 I 30 I 6.62 I 1.64 I / 3

1050RT - Dimensional drawing



Equipment

Lifting function	
All-Tach® Attachment Mounting System	Standard
Auxiliary Hydraulics	Standard
IdealTrax® automatic track tensioning system	Standard
Motorization/Power	
Combination Radiator & Hydraulic Oil Cooler	Standard
Dual-Element Air Cleaner with Indicator	Standard
Engine Auto-Shutdown System	Optional
Glowplugs Starts Assist	Standard
Operator station	
Foot Throttle	Standard
Full-Suspension Seat	Optional
Multi-Function Display Screen	Standard
ROPS/FOPS Level II Overhead Guard	Standard
Sliding Side Windows	Standard
Swing-out Cab Door	Standard
Other options	
Selectable Self-Leveling Hydraulic Lift Action 4	Optional
Pneumatics	
Rubber Track Undercarriage System	Standard
Secondary functions	
Counterweight	Standard
Dedicated Undercarriage	Standard
Security	
Anti-Vandalism Protection	Standard
Back-Up Alarm	Standard
Easy Manager	Standard
Engine Alert System with Error Display	Standard
Mechanical Lift Cylinder Lock	Standard



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