

Model	Unit	LIUGONG		TATA HITACHI	
				Reliable solutions	
Engine					
Engine Make		CUMMINS		CUMMINS	
Engine Model		6BT5.9		6BT5.9C	
Gross Power	hp	140 @2000		131 @2000	
Peak Torque	Nm	571 @1300		537@1300	
Undercarriage					
Track Length	mm	4250		4090	
Track Shoe Width	mm	600		500	
Track Shoes - Each Side	Nos.	47		49	
Number Of Carrier Rollers - Each Side	Nos.	2		2	
Number Of Track Rollers - Each Side	Nos.	8		7	
Hydraulic system					
Main Pump		2 Variable Displacement Axial Piston Pumps		2 Variable Displacement axial Piston Pump	
Max Flow	LPM	2x224		2 x 221	
Main pressure	Mpa	34.3		27.9	
Pilot pressure	Mpa	3.9		3.9	
Swing System					
Swing speed	RPM	12		13.7	
Drives & Brakes					
Drawbar pull	kN	189		147	
Travel Speed	km\h			4.2/0	
Gradability	° (%)	35(70)		35 (70)	
Service Capacity					
Fuel Tank	L	420		310	
Engine Oil	L	20		14	
Cooling system	L			35	
Hydraulic resevior	L	128		129	
Hydraulic system total	L			220	
Operating Weight					
Shoe Ground pressure	kPa	48		53.9	
Operating Weight	Kg	21,700		19800-20000	
Static Dimension					
Overall length	mm	9710		9720	
Width (bottom Track width)	mm	2990		2890	
Width (Upper structure)	mm	2760		2610	
Height	mm	3040		2850	
Track on ground	mm	3445		3290	
Working Dimension					
Boom length	mm	5710		5680	
Arm Length	mm	2200/2400		2220	
Dig Height	mm	9645/9942		9015	
Dump Height	mm	6945/7160		6235	
Dig Depth	mm	5970/6100		5920	
Max reach	mm	9280/9509		9260	
Max reach at ground level	mm	9090/9322		9080	
Min swing radius	mm	3335/3090		3750	
Breakout force					
Bucket breakout force	kN	158		107	
Arm breakout force	kN	134/125		110	
Buckets					
General Purpose (GP)	m ³	1		0.86	
Rock Bucket (HD)	m ³	0.95		0.91	