

## The main structural features and advanced technology used in the BLT388T backhoe loader



● Overall Dimension 总尺寸		
1	Length(with bucket on ground)总长 (铲斗放置地面)	7600mm
2	Overall width (at stabilizer ) 总宽 (支腿处)	2230mm
3	Load Bucket width 铲斗宽度	2220mm
4	Height(To the top of the cab)高度 (到驾驶室顶)	3100mm
5	Height(To the top of the digging pole)整机高度(到挖掘臂顶部)	3800 mm
6	Wheel base 轴距	2100 mm
7	Back wheel Tread 后轮轮距	1750 mm
● Main Loading Technical Specification 装载主要技术参数		
1	Rated load 额定载重量	2500 kg/3500 kg
2	Operating weight 操作重量	7820kg
3	Rated bucket capacity 额定斗容	1m <sup>3</sup>
4	Max. dump clearance 最大卸载高度	2600 mm
5	Dump reach 卸载距离	900 mm
6	Min. turning radius 最小转弯半径	45°
	(1) Outside of bucket 以铲斗边缘	5410mm
	(2) Center of front wheel 以前轮胎痕迹中心	4100mm
7	Max lifting capability 最大提升能力	2500KG
8	Max. load breakout force 最大掘起力	≥ 65 KN
9	Max. digging depth	150 mm
10	Load height to pin	3400 mm
● Main Digging Technical Specification 挖掘主要技术参数		
1	Rated digging bucket capacity 额定挖掘斗斗容	0.3m <sup>3</sup>
2	Bucket width	600 m <sup>3</sup>
	Max. digging depth 最大挖掘深度	4080 mm
	Max. digging radius 最大挖掘半径	5600 mm
	Max. dumping height 最大卸载高度	3795 mm
	Max. digging force 最大挖掘力	≥ 44KN
	Max. digging height 最大挖掘高度	5500 mm
● Diesel engine 发动机		
1	Model 型号	Wei Chai WP4.1G100E311
2	Type 形式	Engine Electronic Control

3	Rated output 额定功率	99.23 HP
5	Total exhaust of cylinder 排气量	4.1(L)
9	Rated speed 额定转速	2200(r/min)
10	Max. Torque 最大扭矩	420(N.M)

● **Transmission System 传动系统**

1	Torque Converter 液力变矩器	Model 型号	CARRARO
		Cooling type 冷却方式	Pressure oil circulating 压力油循环
2	Transmission case 变速箱	Model 型号	CARRARO
		Type 形式	Power shuttle 动力梭
3	Axle and Tire 桥	Model 型号	CARRARO
		Type of main reducer 主传动形式	spiral bevel gear, single stage 单级螺旋伞齿轮
		Type of final reducer 终传动形式	Single stage planetary 单级行星轮
4	Gear shift position 档位	4 F、 4 R 前四后四档位	
5	Speed 速度 (F/R)	38km/h	
6	Max. drawing force 最大牵引力	67KN	
7	Size of tire 轮胎型号	前轮	14-17.5-14PR
		后轮	19.5L-24-12PR

● **Electric system 电气系统**

1	Board instruments 木板 仪器	Tachometer, hourmeter, speedometer, temperature gauge, warning lights
2	Lights 灯	Working, front and rear
3	Backup alarm 倒车报警	Including
4	Horn 喇叭	Including
5	Security camera 监视器	Front and rear
6	Screen 屏幕	Including
7	Air-conditioning 空调	Including

● **Oil Capacity 加油量**

1	Fuel(diesel)燃油	135 L
2	Engine lubricating oil 机油	11 L
3	Oil for converter and gear box 变速箱油	22 L
4	Oil for hydraulic system 液压系统油	110 L
5	Oil for driving axles (F/R) 前后驱动桥油	7.6 L+17 L