

Parameter Items	Parameter Value
Model	LF454
Maximum power of power take off shaft(kW)	27.9
<b>Dimension</b>	
Length (including front ballast )(mm)	3780
Width(mm)	1615
Height (to the top of muffler) (mm)	2260
Wheelbase(mm)	1990
<b>Wheel distance</b>	
Front wheel(mm)	1300
Rear wheel(mm)	1200~1500(1300 is normal)
Structure weight(kg)	2010
Minimum weight(kg)	2180
Minimum turning radius(mm)	4100 ±300
front ballast (kg)	120
rear ballast (kg)	180
traction(kN )	12
<b>Engine</b>	
Model	490BT-20 45 HP
Type	Inline, water cooling, 4-stroke,DI
Number of cylinder	4
Cylinder diameter*stroke (mm)	98X105
Displacement(L)	3.17
Rated power(kW)	36.8
Rated rotary speed(r/min)	2400
Max. torque/rotary speed(Nm/r/min)	192/1600~1800;186/1600~1800
<b>Transmission/Drive</b>	
Clutch model	10-inch dry single action or double action clutch/
Differential lock	Four planets, close type
Gear	8F+4R
Running speed(Km/h) 8F+4R	Forward:2.43_31.88;Reverse:3.61_11.01
<b>Hydraulic system</b>	
Type	Open-centered, semi-split type
Hydraulic output valve	A pair or 2-pair (multi-way valve)
3-point suspension	category I
Regulating method	Load control, position control, load and position individual control
Maximum lifting force at 610mm behind suspending point(KN)	>8.3
Steering type	Front wheel hydraulic steering
<b>Power takeoff shaft -Rear</b>	
Type	semi-independent
Specification	35*6/?38*8 Rectangular spline
Rotary speed(r/min)	540/1000 (760/1000 Optional)
<b>Traction /towing</b>	
Traction device	
Type	Swing link type
Distance to the ground(mm)	429
Towing device	U type hanger
<b>Type specification</b>	
Standard: front wheel /rear wheel	8.3-20/12.4-28
<b>Filling capacity</b>	
Engine radiator(L)	9
Fuel tank(L)	58
Engine oil pan(L)	7
Hydraulic and steering oil(L)	2.5
Oil for transmission system(L)	20