



### WD454 Farm Tractor

Model	Basic Configuration			
WD454	45HP, 4WD, power steering, single stage clutch, 8+2 gearshift, differential lock, PTO 540/1000 RPM.			
Optional Accessories: Front ballast/pc, rear ballast/layer, ROPS and canopy, hydraulic valve (2-way), Air brake, cabin, 8+8 shuttle shift, forced pressure lifter				
Specification				
Item	WD454			
Tractor parameters	Driven type	4WD		
	Rated traction force (kn)	11.2		
	Dimension (mm)	L	3700	
		W	1600	
		H	2316	
	Wheel base (mm)	1957		
	Wheel track (mm)	Front	1250	
		Rear	1300	
	Ground clearance (mm)	325		
	Turning radius (m)	4±0.3		
Mass (kg)	Structural weight	1845		
	Operating weight	2050		
	Ballast	Front ≤78 Rear ≤180		

Shanghai Longji Construction Machinery Co., Ltd.  
 Add: Room 1311, Building C, Lane 58, No.1 East Xinjian Road, Minhang District, Shanghai City, China  
 Post Code: 201100 E-mail: [info@shlongji.com](mailto:info@shlongji.com)  
 Tel: +86-21-541-71571 Fax: +86-21-541-71572  
 Website: [www.shlongji.com](http://www.shlongji.com) Wheel Loader, Road Roller, Dump Truck

	Theoretical speed (km/h)	Forward	1.96-27.2
		Reverse	1.83-7.78
Engine	Type		Inline, water cooling, four stroke, direct injection
	Rated power (kw)		33.1
	Rated RPM		2400
	Bore×Stroke (mm)		95×105
	Displacement (L)		2.38
	Fuel consumption (g.kwh)		≤245
Oil, fuel, water (L)	Fuel tank		60
	Oil sump, engine		8
	Gear box		30
	Lifting ass.		10.5
	Front axle		6
	Hydraulic steering oil		2.5
	Cooling water		12.5
Transmission	Clutch		Single disc, dry, single-action
	Gear box		2 shafts, spur gear (4+1)×2
	Center trans.		Double spiral bevel gear, centered
	Differential		Spur gear, planetary gear ass.
	Final trans.		Outer-mesh, spur gear with column
Drive train	Steering		All hydraulic, front-wheel steering
	Brake		Disc brake
	PTO shaft	Type	Rear, semi-detached, 8-spline Ø38 (6-spline, Ø35 optional)
		Rated power (kw)	28.1
		Speed(rpm)	540/1000 (720/1000, or 540/1000)
	Tire	Front	8.3-20
		Rear	12.4-28
		Paddy tire	Front 8.3-20, rear 11.2/12.4-28
	Chassis		Frameless
	Hydraulic system	3-point hitch	
Plough control		Draft, position control and floating control	
Rated lifting force (kn)		7.45	
Pump flow		Steering	6L/min
		Lifting	20L/min
Max hydraulic power take-off		4.5	
Electrical system	Alternator		14v, 350w
	Battery		12v, 80A/h
	Starting motor		12v, 3kw

Shanghai Longji Construction Machinery Co., Ltd.

**Add:** Room 1311, Building C, Lane 58, No.1 East Xinjian Road, Minhang District, Shanghai City, China

**Post Code:** 201100

**E-mail:** [info@shlongji.com](mailto:info@shlongji.com)

**Tel:** +86-21-541-71571

**Fax:** +86-21-541-71572

**Website:** [www.shlongji.com](http://www.shlongji.com)

Wheel Loader, Road Roller, Dump Truck