







Shanghai Longji Construction Machinery Co., Ltd.

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

China

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WD1004 Agriculture Tractor

Model	НР	Configuration				
WD1004	100	4×4, power steering,16+8 shifts with creeper, dual stage clutch, flat floor, side gear shift, differential lock, forced pressure lifting device, PTO 540/1000 RPM.				
Optional Acc	Optional Accessories: front ballast, rear ballast layer, hydraulic valve (2-way), air brake, cabin					
Specification						
Item		WD1004				
Tractor parameters		Driven type		4WD		
		Rated traction force (kn)		23.4		
		D	L	4330		
		Dimension (mm)	W	2080		
			Н	2650		
		Wheel base (mm)		2195		
		Wheel track	Front	1610		
		(mm)	Rear	1620~2020		
		Ground clearance (mm)		379		
		Turning radius (m)		4.6±0.3		
		Mass (kg)	Structural weight	3570		

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Ballast			Operating weight	3800
Theoretical speed (km/h) Forward			Ballast	Front≤310 Rear≤480
Engine			Forward	
Type			Reverse	
Engine Rated RPM 2300 Bore * stroke (mm) 110×135 Displacement (L) 5.12 Fuel consumption (g.kwh) ≤242 Fuel tank 150 Oil sump, engine 17 Gear box 38 Lifting ass. 17 Front axle Center trans. 6.1 Final trans. 1.2 Hydraulic steering oil 2.5 Cooling water 14 Single, dry, butterfly pressure spring, indeep. operation, dual stage 4×(2+1) gear shifts or 4×(2+1) year shifts or 4×(2+1) x2 gear shift with creeper Center trans. Spiral bevel gear Closed type, 4 planetary gears Closed type, 4 planetary gears Final trans. Outer-mesh, inner-placed Drive train Steering All hydraulic, front-wheel steering Brake Hydro-static, disc brake Rear, independent, 8-spline Ø 38 (6-spline, Ø35 optional)		Туре		four stroke, direct
Rated RPM 2300 Bore * stroke (mm) 110×135 Displacement (L) 5.12 Fuel consumption (g.kwh) ≤242 Fuel tank 150 Oil sump, engine 17 Gear box 38 Lifting ass. 17 Front axle Center trans. 6.1 Front axle Hydraulic steering oil 2.5 Cooling water 14 Clutch Single, dry, butterfly pressure spring, indeep, operation, dual stage 4×(2+1) gear shifts or 4×(2+1) ye gear shift with creeper Center trans. Spiral bevel gear Differential Closed type, 4 planetary gears Final trans. Outer-mesh, inner-placed Drive train Steering Brake Hydro-static, disc brake PTO shaft Type 8-spline Ø 38 (6-spline, Ø35 optional)	Engine	Rated power (kw)		73.5
Displacement (L) 5.12 Fuel consumption (g.kwh) ≤242 Fuel tank 150 Oil sump, engine 17 Gear box 38 Lifting ass. 17 Front axle Center trans. 6.1 Final trans. 1.2 Hydraulic steering oil 2.5 Cooling water 14 Single, dry, butterfly pressure spring, indeep. operation, dual stage 4×(2+1) year shifts or 4×(2+1) x2 gear shift with creeper Center trans. Spiral bevel gear Closed type, 4 planetary gears Final trans. Drive train	Eligilie	Rated RPM		2300
Fuel consumption (g.kwh)		Bore * stroke (mm)		110×135
Fuel tank		Displacement (L)		5.12
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		Fuel consumption (g.kwh)		≤242
Oil, fuel, water (L) Gear box 38		Fuel tank		150
$\begin{array}{c c} \text{Oil, fuel, water (L)} & \begin{array}{c} \text{Lifting ass.} & 17 \\ \hline \\ \text{Front axle} & \begin{array}{c} \text{Center trans. 6.1} \\ \hline \\ \text{Final trans. 1.2} \\ \end{array} \\ \text{Hydraulic steering oil} & \begin{array}{c} 2.5 \\ \hline \\ \text{Cooling water} \\ \end{array} & \begin{array}{c} 14 \\ \hline \\ \text{Single, dry, butterfly} \\ \text{pressure spring, indeep.} \\ \text{operation, dual stage} \\ \hline \\ \text{4} \times (2+1) \text{ gear shifts or} \\ \text{4} \times (2+1) \text{ year shifts or} \\ \text{5piral bevel gear} \\ \text{Closed type, 4 planetary gears} \\ \text{Final trans.} & \text{Outer-mesh, inner-placed} \\ \text{Drive train} \\ \\ \text{Drive train} \\ \\ \text{Steering} \\ \\ \text{Brake} \\ \text{Hydro-static, disc brake} \\ \text{Rear, independent,} \\ \text{PTO shaft} \\ \text{Type} \\ \text{8-spline} \ \emptyset \ 38 \ (6\text{-spline,} \\ \text{935 optional}) \\ \end{array}$		Oil sump, engine		17
Oil, fuel, water (L) Front axle Front axle Front axle Front axle Hydraulic steering oil 2.5 Cooling water 14 Single, dry, butterfly pressure spring, indeep. operation, dual stage 4×(2+1) gear shifts or 4×(2+1) ×2 gear shift with creeper Center trans. Differential Drive train Steering Brake PTO shaft Type Center trans. 6.1 Final trans. 1.2 Avg. 14 Formation 6.1 Final trans. 6.1 Final trans. 1.2 Avg. 14 Formation 6.1 Final trans. 6.1 Final trans. 6.1 Final trans. 1.2 Avg. 14 Avg. 14		Gear box		38
Front axle Front axle Front axle Hydraulic steering oil Cooling water 14 Single, dry, butterfly pressure spring, indeep. operation, dual stage 4×(2+1) gear shifts or 4×(2+1) ×2 gear shift with creeper Center trans. Spiral bevel gear Closed type, 4 planetary gears Final trans. Outer-mesh, inner-placed All hydraulic, front-wheel steering Brake Hydro-static, disc brake Rear, independent, 8-spline Ø 38 (6-spline, Ø35 optional)		Lifting ass.		17
Final trans. 1.2 Hydraulic steering oil 2.5 Cooling water 14 Single, dry, butterfly pressure spring, indeep. operation, dual stage 4×(2+1) gear shifts or 4×(2+1) ×2 gear shift with creeper Center trans. Spiral bevel gear Closed type, 4 planetary gears Final trans. Outer-mesh, inner-placed All hydraulic, front-wheel steering Brake Hydro-static, disc brake Rear, independent, 8-spline Ø 38 (6-spline, Ø35 optional)	Oil, fuel, water (L)	Front axle		Center trans. 6.1
Cooling water Cooling water				Final trans. 1.2
Clutch Single, dry, butterfly pressure spring, indeep. operation, dual stage 4×(2+1) gear shifts or 4×(2+1) ×2 gear shift with creeper Center trans. Spiral bevel gear Closed type, 4 planetary gears Final trans. Outer-mesh, inner-placed Drive train Steering Brake Hydro-static, disc brake Rear, independent, PTO shaft Type Single, dry, butterfly pressure spring, indeep. operation, dual stage 4×(2+1) ×2 gear shift with creeper Closed type, 4 planetary gears All hydraulic, front-wheel steering Rear, independent, PTO shaft Type 8-spline Ø 38 (6-spline, Ø35 optional)		Hydraulic steering oil		2.5
Clutch pressure spring, indeep. operation, dual stage 4×(2+1) gear shifts or 4×(2+1) ×2 gear shift with creeper Center trans. Spiral bevel gear Closed type, 4 planetary gears Final trans. Outer-mesh, inner-placed All hydraulic, front-wheel steering Brake Hydro-static, disc brake Rear, independent, 8-spline Ø 38 (6-spline, Ø35 optional)		Cooling water		14
Transmission Gear box 4×(2+1) ×2 gear shift with creeper Center trans. Differential Differential Spiral bevel gear Closed type, 4 planetary gears Final trans. Outer-mesh, inner-placed All hydraulic, front-wheel steering Brake Hydro-static, disc brake Rear, independent, 8-spline Ø 38 (6-spline, Ø35 optional)		Clutch		pressure spring, indeep.
Differential Differential Differential Elast Steering Drive train Steering All hydraulic, front-wheel steering Hydro-static, disc brake Rear, independent, PTO shaft Type Rear, independent, PTO shaft Drive train Drive train Drive train	Transmission	Gear box		$4\times(2+1)$ ×2 gear shift
Differential gears Final trans. Outer-mesh, inner-placed All hydraulic, front-wheel steering Brake Hydro-static, disc brake Rear, independent, PTO shaft Type 8-spline Ø 38 (6-spline, Ø35 optional)		Center trans.		Spiral bevel gear
Drive train Steering Brake Hydro-static, disc brake Rear, independent, PTO shaft Type 8-spline Ø 38 (6-spline, Ø35 optional)		Differential		
Brake Hydro-static, disc brake Rear, independent, PTO shaft Type 8-spline Ø 38 (6-spline, Ø35 optional)		Final trans.		Outer-mesh, inner-placed
Brake Hydro-static, disc brake Rear, independent, PTO shaft Type 8-spline Ø 38 (6-spline, Ø35 optional)	Drive train			,
PTO shaft Type Rear, independent, 8-spline Ø 38 (6-spline, Ø35 optional)				
PTO shaft Type 8-spline Ø 38 (6-spline, Ø35 optional)				, ,
Ø35 optional)				, ,
		I I O Siluit	Type	
			Speed	540/1000 (720/1000, or
(rpm) 540/1000 (726/1000, 61			_	, , , , , , , , , , , , , , , , , , ,

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		Rated	
		power	66
		(kw)	
	Tire	Front	11.2-24,
		Rear	16.9-34
		Paddy tire	13.6-38/14.9-30
	Chassis		Frameless
	3-point hitch		Category 2
	Rated lifting force (kn)		≥15.9
	Plough control		Draft, position control
Hydronlia gygtore			and floating control
Hydraulic system	Pump flow	Steering	14L/min
		Lifting	40L/min
	Max hydraulic power		36.8L/min
	Take-off		
	Alternator		14v, 700w
Electrical system	Battery		12v, 120A/h
	Starting motor		12v, 3.7kw

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