Longji Construction Machinery

上海龙基工程机械有限公司











WD904 Farm Tractor

Model	HP	HP Configuration			
WD904	90	_	4×4 , power steering,16+8 shifts with creeper, dual stage clutch, flat floor, side gear shift, differential lock, forced pressure lifting device, ROPS, PTO 540/1000 RPM.		
Optional accessories:	front ballast, rear ba	llast/layer, hydraulic	valve (2-way),	air brake, cabin	
Specification					
Item				WD904	
	I	Oriven type		4WD	
	I	Rated traction Force	(kn)	21	
		Dimension (mm)	L	4330	
			W	2080	
			Н	2650	
		Wheel base (mm)		2195	
		Wheel track (mm)	Front	1610	
			Rear	1620~2020	
		Ground clearance (mm)		379	
		Turning radius (m)		4.6±0.3	
Tractor parameters			Structural weight	3570	
	ı	Mass (kg)	Operating weight	3800	
			Ballast	Front≤310, Rear≤480	
		Theoretical speed	Forward	2.3-34.9/0.46-6.97 creeper	
		(km/h)	Reverse	3.1-10.8/0.62-2.16 creeper	
Engine		Туре		Inline, water cooling, four stroke, direct injection	
		Rated power (kw)		66	
		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	
Oil, fuel, water (L)		Front axle		Center trans. 6.1, final trans. 1.2	
	<u> </u>	Hydraulic steering oi	1	2.5	
	1	Cooling water		ı -···	

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Website: www.shlongji.com Wheel Loader,Road Roller,Dump Truck

Cuttern				
Center trans. Spiral bevel gear		Clutch		Single, dry, butterfly pressure spring, indeep. operation, dual stage
Differential Closed type, 4 planetary gears	Transmission	Gear box		$4\times(2+1)$ gear shifts or $4\times(2+1)\times2$ gear shift with creeper
Differential Closed type, 4 planetary gears				Spiral bevel gear
Final trans. Outer-mesh, inner-placed				
Steering All hydraulic, front-wheel steering				Closed type, 4 planetary gears
$ \text{Drive train} \\ \text{Drive train} \\ \text{PTO shaft} \\ \text{PTO shaft} \\ \text{PTO shaft} \\ \text{Speed (rpm)} \\ Speed ($		Final trans.		Outer-mesh, inner-placed
Drive train		Steering		All hydraulic, front-wheel steering
Drive train PTO shaft PRoduction Rated power (kw)		Brake		Hydro-static, disc brake
$\begin{tabular}{ l l l l l l l l l l l l l l l l l l l$		PTO shaft	Туре	Rear, independent, 8-spline Ø 38 (6-spline, Ø35 optional)
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	Drive train		Speed (rpm)	540/1000 (720/1000, or 540/1000)
$\begin{tabular}{ l l l l l l l l l l l l l l l l l l l$			•	59.4
Hydraulic system Paddy tire 13.6-38/14.9-30 Chassis Frameless 3-point hitch Category 2 Rated lifting force (kn) Plough control Plough control Draft, position control and floating control Draft, position control and floating control Lifting 40L/min Max hydraulic power take-off Alternator Alternator Alternator Battery 12v, 120A/h			Front	11.2-24,
Chassis Frameless 3-point hitch Category 2 Rated lifting force (kn) ≥15.9 Plough control Draft, position control and floating control Pump flow Steering 14L/min 1/min 40L/min Lifting 40L/min 36.8L/min Alternator 14v, 700w Electrical system Battery 12v, 120A/h		Tire	Rear	16.9-34
Steering			Paddy tire	13.6-38/14.9-30
Steering		Chassis		Frameless
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			n)	
Pump flow Lifting 40L/min Max hydraulic power take-off 36.8L/min Alternator 14v, 700w Battery 12v, 120A/h	Hydraulic system	Plough control		Draft, position control and floating control
Electrical system Lifting 40L/min Max hydraulic power take-off Alternator 14v, 700w 12v, 120A/h		Pump flow	Steering	14L/min
Max hydraulic power take-off 36.8L/min Alternator 14v, 700w Electrical system Battery 12v, 120A/h				40L/min
Alternator 14v, 700w Electrical system Battery 12v, 120A/h				36.8L/min
Electrical system Battery 12v, 120A/h				14v, 700w
Starting motor 12v. 3.7kw	Electrical system			
		Starting motor		12v, 3.7kw