



WD804 Agriculture Tractor

Model	HP	Configuration
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Shanghai Longji Construction Machinery Co., Ltd.
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 Tel: +86-21-541-71571 Fax: +86-21-541-71572
 Website: www.shlongji.com Wheel Loader, Road Roller, Dump Truck

WD804	80	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 accessories: front ballast, rear ballast/layer, hydraulic valve (2-way), air brake, cabin			
Specification			
Item		WD804	
Tractor parameters	Driven type		4WD
	Rated traction force (kn)		18.6
	Dimension (mm)	L	4330
		W	2080
		H	2650
	Wheel base (mm)		2195
	Wheel track (mm)	Front	1610
		Rear	1620~2020
	Ground clearance (mm)		379
	Turning radius (m)		4.6±0.3
	Mass (kg)	Structural weight	3570
		Operating weight	3800
		Ballast	Front≤310, rear≤480
Theoretical speed (km/h)	Forward	2.3-34.9/0.46-6.97 creeper	
	Reverse	3.1-10.8/0.62-2.16 creeper	
Engine	Type		Inline, water cooling, four stroke, direct injection
	Rated power (kw)		59
	Rated RPM		2300
	Bore×stroke (mm)		108×125
	Displacement (L)		4.58
	Fuel consumption (g.kwh)		≤242
Oil, fuel, water (L)	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
Transmission	Clutch		Single, dry, butterfly pressure spring, indeep. operation, dual stage

	Gear box		4×(2+1) gear shifts or 4×(2+1)×2 gear shift with creeper
	Center trans		Spiral bevel gear
	Differential		Closed type, 4 planetary gears
	Final trans		Outer-mesh, inner-placed
Drive train	Steering		Hydraulic, front-wheel steering
	Brake		Hydro-static, disc brake
	PTO shaft	Type	Rear, independent, 8-spline Ø 38 (6-spline, Ø35 optional)
		Speed (rpm)	540/1000 (720/1000, or 540/1000)
		Rated power (kw)	53.1
	Tire	Front	11.2-24,
		Rear	16.9-34
		Paddy tire	13.6-38/14.9-30
Chassis		Frameless	
Hydraulic system	3-point hitch		Category 2
	Rated lifting force (kn)		≥14.2
	Plough control		Draft, position control and floating control
	Pump flow	Steering	14L/min
		Lifting	40L/min
	Max hydraulic power take-off		36.8L/min
Electrical system	Alternator		14v, 700w
	Battery		12v, 120A/h
	Starting motor		12v, 3.7kw

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