



## WD554 Agriculture Tractor

Model		Basic Configuration	
WD554B		55HP, 4WD, power steering, 8+8 shuttle shift, dual stage clutch, differential lock, PTO 540/1000 RPM.	
Optional accessories: front ballast/ pc, rear ballast/ layer, rops and canopy, hydraulic valve (2-way), air brake, cabin, forced pressure lifter			
Specification			
Item		WD554	
Tractor parameters	Driven type	4WD	
	Rated traction force (kn)	12.4	
	Dimension	L	3790

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Wheel Loader, Road Roller, Dump Truck

	(mm)	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	1992
		Operating weight	2150
		Ballast	Front ≤78 Rear ≤180
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)		40.5
	Rated RPM		2400
	Bore×stroke (mm)		102×105
	Displacement (L)		4.13
Fuel consumption (g.kwh)		≤248	
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, dual stage
	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)	33.4

		Speed(rpm)	540/1000 (720/1000, or 540/1000)
	Tire	Front	8.3-24
		Rear	14.9-28
		Paddy tire	11-32/14.9-30
	Chassis		Frameless
Hydraulic system	3-point hitch		Rear, category 1
	Plough control		Draft, position control and floating control
	Rated lifting force (kn)		9.12
	Pump flow	Steering	6L/Min
		Lifting	20L/min
	Max hydraulic power take-off		5.5
Electrical system	Alternator		14v, 350w
	Battery		12v, 80A/h
	Starting motor		12v 3kw