

# TRACTOR

# LM

LM series (75-85HP)  
LM754 LM854



## FEATURES OF LM SERIES

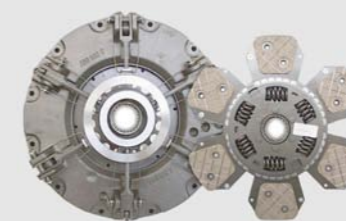
- Powered by 4-cylinder, turbo charged and inter cooling engine, FOTON LOVOL 1104D
- Equipped with New design dual stage clutch with safety PTO function;
- 12F+12R synchronized transmission is shifted by left hand synchro-shuttle lever.
- 540\1000 or 540\540E Dual speeds PTO which's speed can be shifted to synchronize with engine's
- New design front axle with limited slip differential (LSD)
- Flat floor, Side sited shift lever and suspension seat;
- 11.2R24\16.9R30 Radial tire



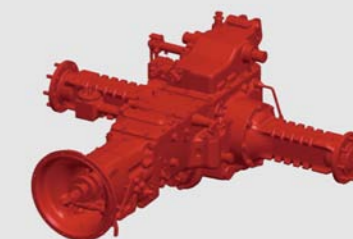
## KEY FEATURES



- Adopt supercharge air intercooler and Euro IIIA emission engine with strong power, low oil consumption and low emission; Donaldson (U.S.) built-in dry type air filter and other excellent engine accessories for higher efficiency and more energy saving;



- Luk (Germany) double-acting clutch with reliable performance, large torque reserve coefficient and high transmission capacity;



- Carraro (Italy) 12+12 synchronizer chassis with advanced technology and reliable quality;

## PRODUCTS INFORMATION

SPECIFICATIONS		UNIT	LM754	LM854	
Type		—	4x4		
Rated traction force		kN	19		
Dimensions (L*W*H)		mm	4480*2005*2720		
Wheel base		mm	2262		
Track	Front	mm	1620(Standard)\1680\1720\1820		
	Rear	mm	1530(standard)\1570\1670\1830		
Ground clearance	Min	mm	385(front axle)\370(swing bar)		
	Farming	mm	480(front axle)		
Structure weight		kg	3300		
Engine	Model	—	Foton Lovol 1004D		
	Type	—	In-line\4-stroke\Direct injection\Turbo, Inter cooler, EGR		
	Cylinders	—	4		
	Bore×Stroke	mm	100×127		
	Rated power	HP	55/75	65/85	
	Rated speeds	RPM	2200		
	Max torque	N.m	≥320/1500-1700 RPM	≥350/1500-1700 RPM	
Emission	—	Stage IIIA\Tier 3			
Transmission	Clutch	—	Dry\Dual-plate\Safety PTO type		
	Gearbox	type	(1+1)×4×3, shuttle-type gear shift		
		shift	Main gearbox, shuttle-type gear shift synchronizer gear shift, auxiliary gearbox sliding sleeve gear shift		
	Front axle	Differential	Closed type, 2 planetary bevel gears, automatic limited slipping differential lock		
Final drive		Single-level planetary bevel gear			
Tire size	F	—	11.2-24 bias 280/85R24 radial	11.2-24 bias 280/85R24 radial	
	R	—	16.9-30 bias 420/85R30 radial	16.9-30 bias 420/85R30 radial	
Brake	Service brake	—	Wet, disc and hydraulic control		
	Parking brake	—	Independent hand brake		
Working system	Hydraulic system		Open center		
	Gear pump distribution	—	Gear pump, the displacement is 25ml/r, left rotating		
	Linkage	mm	Slide valve		
	Control	—	Rear three-point suspension, type II		
	Lift capacity	kg	≥1500 (pin)		
	pressure	MPa	17.5-18.0		
	Hydraulic output		2 group (standard)		
PTO	—	Independent, 6 spline, 1000/540 or 540E/540			
Towing and draw bar	Draw bar type	—	Swing bar		
	towing	—	U type hook		
ROPs	—	Two poles, foldable, OECD approval			