



FOTON LOVOL INTERNATIONAL HEAVY INDUSTRY CO., LTD.

Add: No. 192 S Beihai Road, Weifang, Shandong, China.

PC: 261206

Tel: +86-536-7638885/7512081

Fax: +86-536-2288909

Website: www.fotonlovol.com

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Machines shown may include optional parts.



FOTON

TRACTOR

Adhesive for dealer contact



TRANSFERENCE AND INHERITANCE OF ADVANCED TECHNOLOGY

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Foton Lovol International Heavy Industry Co., Ltd. (Foton Lovol for short) is a modern large-scale machinery and equipment production enterprise and its main business covers construction machinery, agricultural equipment and vehicles. The company has more than 10,000 staff and the fixed assets is 16 billions RMB. In 2011, owing to outstanding performance in "Essential Growth, Structural Adjustment and Globalization", "Foton" was estimated at RMB14.311 billion in value, ranking 64th among China's 500 most valuable brands. Moreover, Foton Lovol was accredited as a "Key National High-tech Enterprise", its engineering research institute as a "National Corporate Technical Center" and its leading products as "Chinese Famous Brand", "Chinese Famous Trademark" and "Most Competitive Brand".



R&D Center



Tractor Workshop



Combine Harvester Workshop



Wheel Loader Workshop



Excavator Workshop

COMPANY PROFILE

- Foton Lovol's leading product, Foton Gushen combine harvester, has led the industry in sales volume for 11 consecutive years with a market share of 70%. Foton large and medium-duty tractors have held the largest share in the industry for seven consecutive years. Five star motor tricycle has kept ahead in the industry in sales volume and market share for seven consecutive years. Foton construction machinery, represented by Foton loaders, excavators and rotary drilling rigs, has been growing rapidly and healthily and become increasingly competitive and grown into one of the industry's fastest-growing brands.
- In recent years, guided by the business principle of "Essential Growth, Structural Adjustment and Globalization", Foton Lovol has been actively building a business management and operation platform aimed at globalized development in the future and has accomplished the balanced and rapid development in three sectors--construction machinery, agricultural equipment and vehicles.
- To gear its R & D and innovation to international practice, apart from Shandong, Foton Lovol has established R & D centers in Tianjin, Europe and Japan creating a four-in-one R&D platform in line with international practice, fully introducing and attracting superior global resources such as product, technology and talent according to the strategic need for globalization, adding and creating value for all links of the corporate value chain on strength of its team, system, culture and management and thus bringing its core technology in step with the world.
- While pulling ahead in several domestic market fields, Foton Lovol has been actively developing international markets. So far, the company has built up a global marketing service network system consisting of more than 300 sales service providers and covering more than 120 countries and regions in the world and integrating "sale, service, parts supplying, customer training with information feedback", with exporting products of three sectors--construction machinery, agricultural equipment and vehicles.
- In 2012, Foton Lovol will adhere to the business principle of "Essential Growth, Structural Adjustment and Globalization", focus on "Strategy and Transformation • Quality and Talent" and continuously enhance its management capacity and operation quality.
- In the future, Foton Lovol will center on China by maintaining its leading role in the Chinese market, building China into the global offroad business center, accomplishing industrialization in three key nations, achieving breakthroughs in two developed markets in order to change from a regional enterprise into a global enterprise and a world top machinery manufacturer within a decade.

Brand Structures of

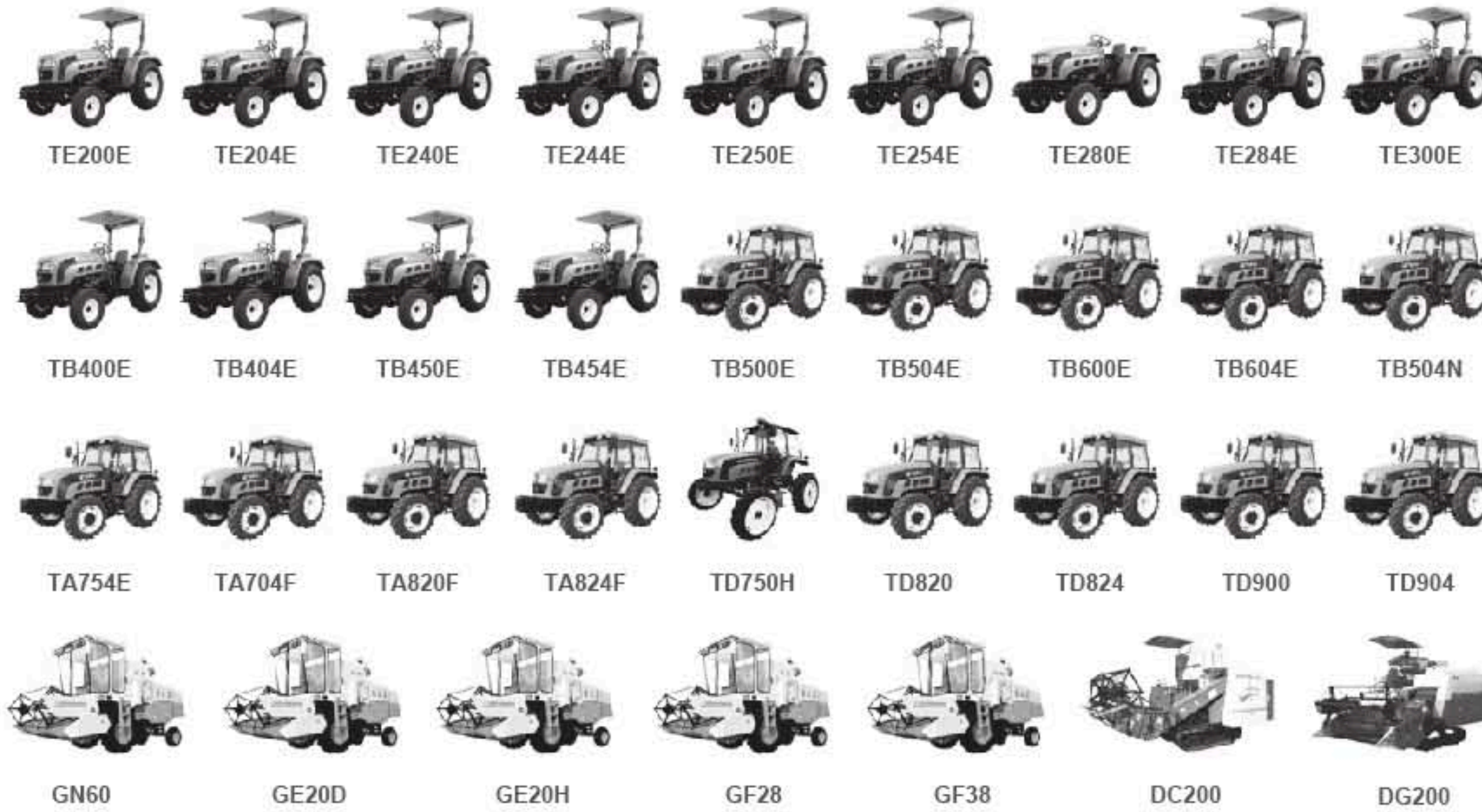
FOTON LOVOL INTERNATIONAL HEAVY INDUSTRY CO.,LTD.

FOTON LOVOL					
FOTON (Overseas Market Brand)			LOVOL (Domestic Market Brand)		
Construction Machinery	Agricultural Equipments	Vehicle Business	Construction Machinery	Agricultural Equipments	Vehicle Business
Wheel Loader	Combine	Vehicle	Wheel Loader	Combine	Vehicle
Backhoe Loader	Tractor		Backhoe Loader	Tractor	
Road Roller			Road Roller		
Skid Steer Loader			Skid Steer Loader		
Excavator			Excavator		
Forklift			Forklift		

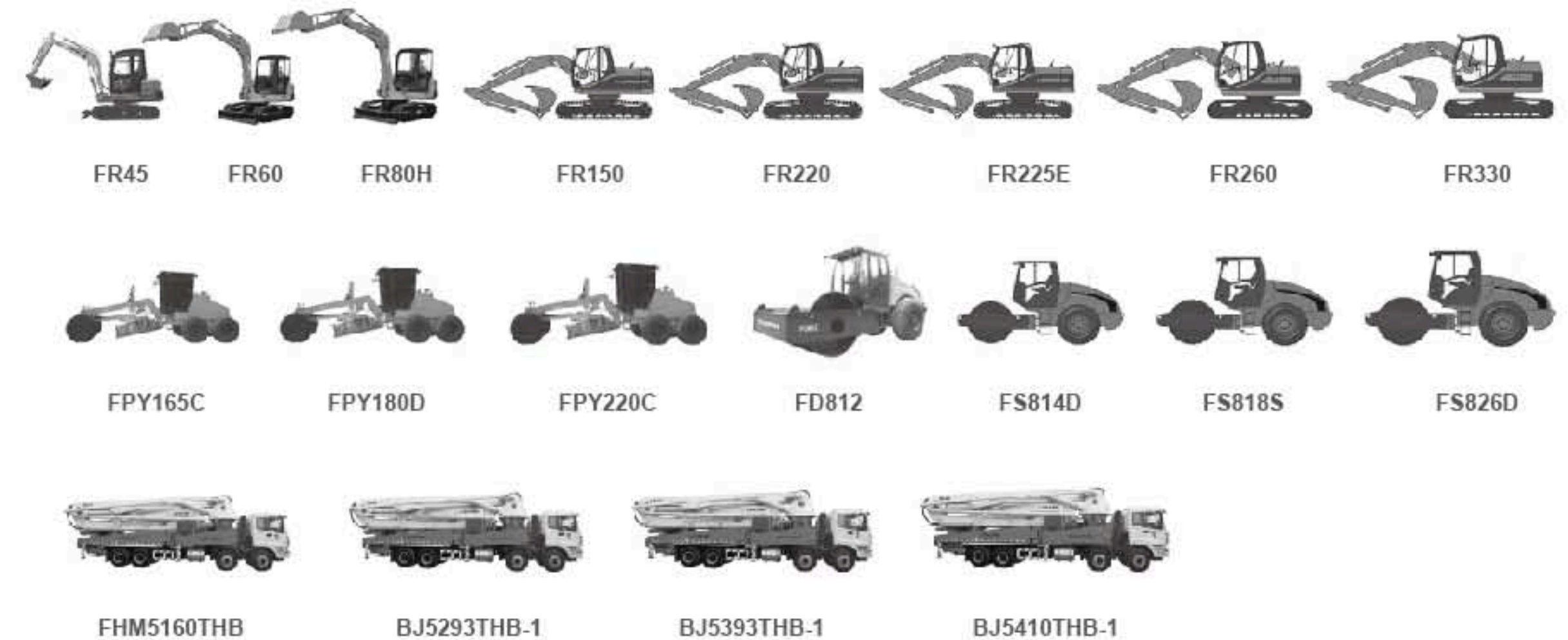


PRODUCTS RANGE | »

Agricultural Equipment



Construction Machinery



PRODUCTS RANGE | »



TE Series/TB Series/TA Series/TD Series/TF Series/TG Series

TE SERIES TRACTOR | »

TE254E



TE254F



Standard floor

- A standard floor structure is adopted, with distributors externally configured to facilitate maintenance;
- Optional safety frame;
- Optional single-or double-acting clutch;
- 8+2, 8+8, 16+4 a variety of gear selections and reasonable speed distribution to meet different operation requirements;
- Optional synchronizer shuttle shift gears, featuring convenient manipulation, flexibility and reliability;
- The hydraulic steering and hollow cylinder front drive axles, featuring convenient and flexible steering;
- Optional single or two-way hydraulic output.



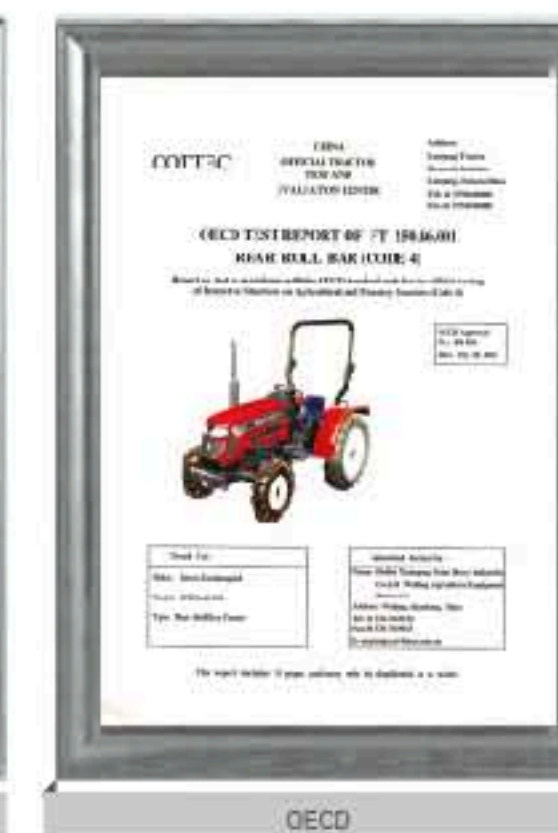
E-MARK Certificate



GOST Certificate



EPA Certificate



OECD

Flat floor

- Monolithic flat floor, side-located transmission manipulation, suspended pedals, featuring attractive appearance and comfortable ride;
- Optional safety frame or heater cab;
- The optional EPA IV engines can meet the requirements of the regions with different emission standards;
- Double-acting clutch 8 + 8 shuttle shift gears, with high efficiency;
- Optional synchronizer shuttle shift gears, featuring convenient manipulation, flexibility and reliability;
- The hydraulic steering and hollow cylinder front drive axles, featuring convenient and flexible steering;
- Optional single or two-way hydraulic output;
- EC, EPA, GOST-certified models available

TE series

Parameter



Standard Floor

▶ Model	TE200E	TE204E	TE240E	TE244E
Drive Type	4 X 2	4 X 4	4 X 2	4 X 4
▶ Engine				
Engine Type	In-line, Water-cooled, Four-stroke, 3 cylinders			
Max. Torque (N·m) @ Revolving Speed (rpm)	88@ (1550~1750)			
Displacement (L)	1.36		1.53	
Fuel Tank Capacity (L)	17			
Engine Rated Power kW@rpm	14.7@2350		17.6@2350	
Rated Operating Conditions Fuel Consumption Rate (g/kW·h)	278			
▶ Drive train				
Clutch	Dry-type, Single-disc, Double-acting			
Standard PTO Speed(rpm)	540/1000			
Gears	8+2/8+8/16+4			
Gear Shift Mode	Meshing Bush + Sliding Gear			
▶ Hydraulic System				
Hydraulic Output Flow(L/min)	26			
Hydraulic Output Valve	2 Lines			
▶ Working Device				
Three Points Suspension Category	Category 0/ I			
Lift Capacity(610mm Point) kN	5.2			
Tillage Depth Adjustment	Location Control and Floating Control			
▶ Parameter				
Overall Dimension(L × W × H) mm	3210×1475×1860	3225× 1440 × 1900	3210 × 1475 × 1860	3225 × 1440 × 1900
Min.Operating Weight (kg)	1280	1400	1280	1400
Wheelbase (mm)	1616	1639	1616	1639
Min. Ground Clearance (mm)	335	270	335	270
Front Tire	5.0 -16	6.0 -16	5.0 -16	6.0 -16
Rear Tire	9.5-24			

▶ Model	TE250E	TE254E	TE280E	TE284E	TE300E	TE304E	TE320E	TE324E
Drive Type	4 X 2	4 X 4	4 X 2	4 X 4	4 X 2	4 X 4	4 X 2	4 X 4
▶ Engine								
Engine Type	In-line, Water-cooled, Four-stroke, 3 cylinders							
Max. Torque (N·m) @ Revolving Speed (rpm)	90@ (1550~1750)		95@ (1600~1800)		120@ (1540~1650)		120@ (1540~1650)	
Displacement (L)	1.53		1.65		2.474		2.474	
Fuel Tank Capacity (L)	29							
Engine Rated Power kW@rpm	18.4@2350		20.6@2350		22.1@2200		23.5@2200	
Rated Operating Conditions Fuel Consumption Rate (g/kW·h)	278				248			
▶ Drive train								
Clutch	Dry-type, Single-disc, Double-acting							
Standard PTO Speed(rpm)	540/1000							
Gears	8+2/8+8/16+4							
Gear Shift Mode	Meshing Bush + Sliding Gear							
▶ Hydraulic System								
Hydraulic Output Flow(L/min)	26							
Hydraulic Output Valve	2 Lines							
▶ Working Device								
Three Points Suspension Category	Category 0/ I							
Lift Capacity(610mm Point) kN	5.8		5.8		6.2		6.7	
Tillage Depth Adjustment	Location Control and Floating Control							
▶ Parameter								
Overall Dimension(L × W × H) mm	3210×1475×1860	3225×1440×1900	3210×1475×1860	3225×1440×1900	3340×1500×2051	3312×1524×2255	3340×1500×2051	3312×1524×2255
Min.Operating Weight (kg)	1280	1400	1280	1400	1480	1600	1480	1600
Wheelbase (mm)	1616	1639	1616	1639	1706/1776	1742/1775	1706/1776	1742/1775
Min. Ground Clearance (mm)	335	270	335	270	338	290	338	290
Front Tire	5.0 -16	6.0 -14	5.0 -16	6.0 -14	6.0-16	6.5 -16	6.0 -16	6.5 -16
Rear Tire	9.5-24		9.5-24		11.2-24		11.2-24	

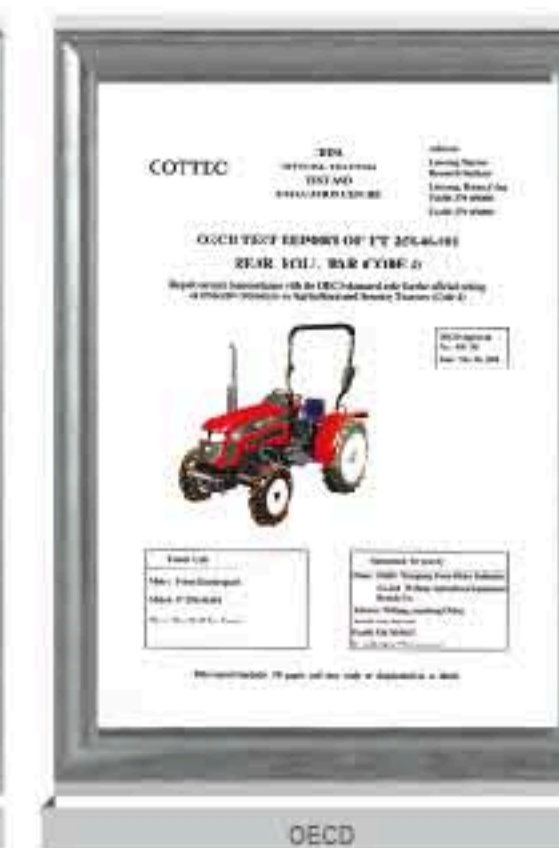
TE254N

TE354F


Narrow tread

- A standard floor structure is adopted, with distributors externally configured to facilitate maintenance;
- Optional safety frame;
- Optional single-or double-acting clutch;
- 8+2, 8+8, 16+4 a variety of gear selections, reasonable speed distribution to meet different operation requirements;
- Optional synchronizer shuttle shift gears, featuring convenient manipulation, flexibility and reliability;
- The hydraulic steering and hollow cylinder front drive axles, featuring convenient and flexible steering;
- Optional single or two-way hydraulic output;
- Front and rear narrow tread, stepless and adjustable rear tread, with the minimum tread of 960mm to better meet the operation requirements.


E-MARK Certificate

GOST Certificate

OECD

Product features are similar to that of TE254F and the following improvements are made on the basis of TE254F.

- Side-positioned control;
- Suspension-type foot pedal;
- Optional cab with heater;
- Cost-effective.

TE series

Parameter



Flat Floor Board

▶ Model	TE254F		TE354F
Drive Type	4 X 4		
▶ Engine			
Engine Type	In-line, Water-Cooled, Four-stroke, 3 cylinders/4 cylinders		
Max. Torque (N·m) @ Revolving Speed (rpm)	88@ (1550~1750)		124@ (1550~1750)
Displacement (L)	1.53		2.16
Fuel Tank Capacity (L)	32		
Engine Rated Power kW@rpm	18.8@2350		25.7@2350
Rated Operating Conditions Fuel Consumption Rate (g/kW·h)	≤278		≤248
▶ Drive train			
Clutch	Dry-type, Double-acting		
Standard PTO Speed(rpm)	540/1000		
Gears	8+8		
Gear Shift Mode	Meshing Bush + Sliding Gear		
▶ Hydraulic System			
Hydraulic Output Flow(L/min)	26		35
Hydraulic Output Valve	2 Lines		
▶ Working Device			
Three Points Suspension Category	Category I		
Lift Capacity(610mm Point) kN	5.2		6.6
Tillage Depth Adjustment	Location Control and Floating Control		
▶ Parameter			
Overall Dimension(L × W × H) mm	3453×1440×2495(Safety Frame) 3453×1440×2335(Cab)		3500×1555×2675(Safety Frame) 3500×1555×2400 (Cab)
Min.Operating Weight (kg)	With Cab	1550	1750
	Without Cab	1400	1600
Wheelbase (mm)	1639		1806
Min. Ground Clearance (mm)	270		320
Front Tire	6.0 -14/6.0 -16		7.5 -16
Rear Tire	9.5-24		12.4-24

Narrow Tread

▶ Model	TE254N	
Drive Type	4 X 4	
▶ Engine		
Engine Type	In-line, Water-cooled, Four-stroke, 3 cylinders	
Max. Torque (N·m) @ Revolving Speed (rpm)	88@ (1550~1750)	
Displacement (L)	1.53	
Fuel Tank Capacity (L)	17	
Engine Rated Power kW@rpm	18.8@2350	
Rated Operating Conditions Fuel Consumption Rate (g/kW·h)	≤278	
▶ Drive train		
Clutch	Dry-type, Single-disc, Double-acting	
Standard PTO Speed(rpm)	540/1000	
Gears	8+2/8+8	
Gear Shift Mode	Sliding Gear	
▶ Hydraulic System		
Hydraulic Output Flow(L/min)	26	
Hydraulic Output Valve	2 Lines	
▶ Working Device		
Three Points Suspension Category	Category 0/ I	
Lift Capacity(610mm Point) kN	5.8	
Tillage Depth Adjustment	Location Control and Floating Control	
▶ Parameter		
Overall Dimension(L × W × H) mm	3225×1440×1900	
Min.Operating Weight (kg)	Without Cab 1400	
Wheelbase (mm)	1639	
Min. Ground Clearance (mm)	270	
Front Tire	6.0 -16	
Rear Tire	9.5-24	

TB SERIES TRACTOR | »

TB604N



TB504E



Narrow tread

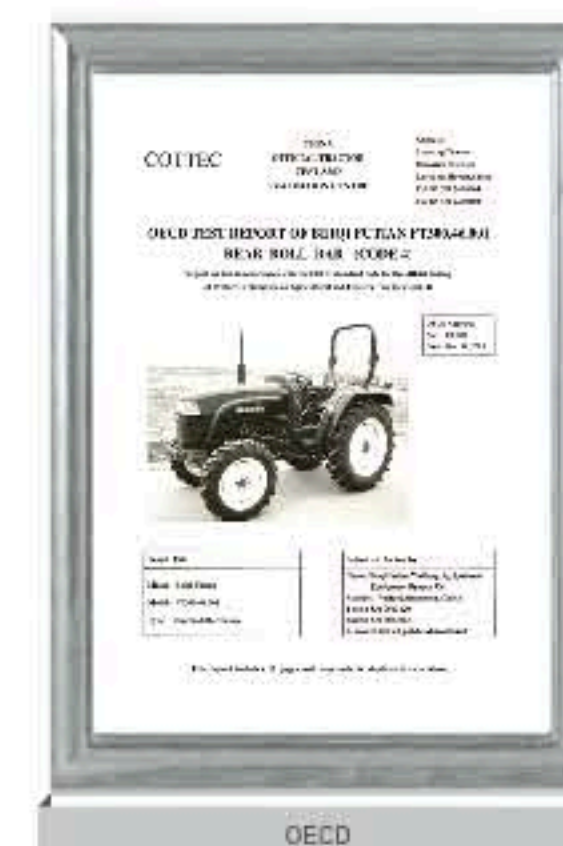
- Optional fan and heater in the cab;
- The 955mm narrow tread models can better meet the operational requirements;
- Optional U.S.-made ACTUANT combination instruments;
- 8 + 8, 16 + 8, speed gearbox, a variety of gear selections reasonable speed distribution;
- The chassis is strengthened by using four planetary gear differentials with the upgraded power to 60 hp;
- EC, EPA, GOST-certified models available.



E-MARK Certificate



GOST Certificate



OECD



EPA Standard

General tread

- Optional fan, heater and air-conditioner in the cab;
- Germany-made STABILUS hood gas springs with high reliability (Generation-2 hoods);
- Optional U.S.-made ACTUANT combination instruments;
- 8 + 4, 8 + 8, 16 + 8, 12 + 12-speed gearboxes, a variety of gear selections reasonable speed distribution;
- The optional forced lifter with higher reliability and better rotary tilling and plowing effects;
- EC, EPA, GOST-certified models available.

TB series

Parameter



▶ Model	TB350E		TB354E		TB400E		TB404E		TB450E		TB454E			
Drive Type			4 X 2		4 X 4		4 X 2		4 X 4		4 X 2		4 X 4	
▶ Engine														
Engine Type			3 Cylinders/4 Cylinders						4 Cylinders					
Max. Torque (N·m) @ Revolving Speed (rpm)			122@1540~1650/146@1600~1800						170@1600~1800					
Displacement (L)			2.757/2.67and 2.54						2.757/2.67and 2.54		2.977			
Fuel Tank Capacity (L)			38											
Engine Rated Power kW@rpm			25.7@2200/29.4@2400			29.4@2400			33.1@2400					
Rated Operating Conditions Fuel Consumption Rate (g/kW·h)			≤248											
▶ Drive train														
Clutch			Dry-type, Double-acting											
Standard PTO Speed(rpm)			540/1000											
Gears			8+4/8+8/12+12/16+8											
Gear Shift Mode			Meshing Bush											
▶ Hydraulic System														
Hydraulic Output Flow(L/min)			23											
Hydraulic Output Valve			2 Lines											
▶ Working Device														
Three Points Suspension Category			Category I						Category II					
Lift Capacity(610mm Point) kN			More than 6.4			More than 7.4			More than 8.3					
Tillage Depth Adjustment			Force and Gear Independent Control											
▶ Parameter														
Overall Dimension(L × W × H) mm			3780×1650×(2105/2495)			3980×1650×(2130/2520)①								
			① Ordinary wheelbase machine type height dimension: “f”distance of front without cab machine type muffler to floor, “f” distance of rear cab machine type muffler to floor; ② Narrow wheelbase machine type height dimension: “f” distance of front without cab steering wheel muffler to floor, “f” distance of rear cab machine type cab roof muffle to floor.											
Min.Operating Weight (kg)		With Cab	1880	2130	2210	2335	2210	2335						
		Without Cab	1700	1940	2030	2135	2030	2135						
Wheelbase (mm)			1900	1924	1966	1924	1966	1990						
Min. Ground Clearance (mm)			360	280	400	310	400	310						
Front Tire			5.5-16	7.5-16	2WD: 6.0-16; 4 WD: 8.3-20									
Rear Tire			11.2-28			12.4-28								

▶ Model	TB500E	TB504E	TB600E	TB604E	TB504N	TB604N
Drive Type	4 X 2	4 X 4	4 X 2	4 X 4		
▶ Engine						
Engine Type	4 Cylinders					
Max. Torque (N·m) @ Revolving Speed (rpm)	186@1600~1800		235@1600~1800		186@1600~1800	235@1600~1800
Displacement (L)	3.168		4.052、4.087		3.168	4.052
Fuel Tank Capacity (L)	38					52
Engine Rated Power kW@rpm	36.8@2400		40.4@2400		36.8@2400	40.4@2400
Rated Operating Conditions Fuel Consumption Rate (g/kW·h)	≤248					
▶ Drive train						
Clutch	Dry-type, Double-acting					
Standard PTO Speed(rpm)	540/1000					
Gears	8+4/8+8/12+12/16+8					
Gear Shift Mode	Meshing Bush					
▶ Hydraulic System						
Hydraulic Output Flow(L/min)	23					
Hydraulic Output Valve	2 Lines					
▶ Working Device						
Three Points Suspension Category	Category II					
Lift Capacity(610mm Point) kN	More than 9.1		More than 11.5		More than 9.1	More than 11.5
Tillage Depth Adjustment	Force and Gear Independent Control					
▶ Parameter						
Overall Dimension(L × W × H) mm	3980×1650×(2130/2520)①		4030×1650×(2150/2520)①		4000×1400×(1560/2500)②	4050×1400×(1560/2500)
	① Ordinary wheelbase machine type height dimension: “f” distance of front without cab machine type muffler to floor, “f” distance of rear cab machine type muffler to floor; ② Narrow wheelbase machine type height dimension: “f” distance of front without cab steering wheel muffler to floor, “f” distance of rear cab machine type cab roof muffler to floor.					
Min.Operating Weight (kg)	With Cab	2210	2335	2300	2540	2380
	Without Cab	2030	2135	2120	2360	2240
Wheelbase (mm)	1966		1990		2016	2040/1990
Min. Ground Clearance (mm)	400		310		400	
Front Tire	2WD: 6.0-16; 4 WD: 8.3-20					
Rear Tire	12.4-28					

TA SERIES TRACTOR | »

TA604E



TA704F

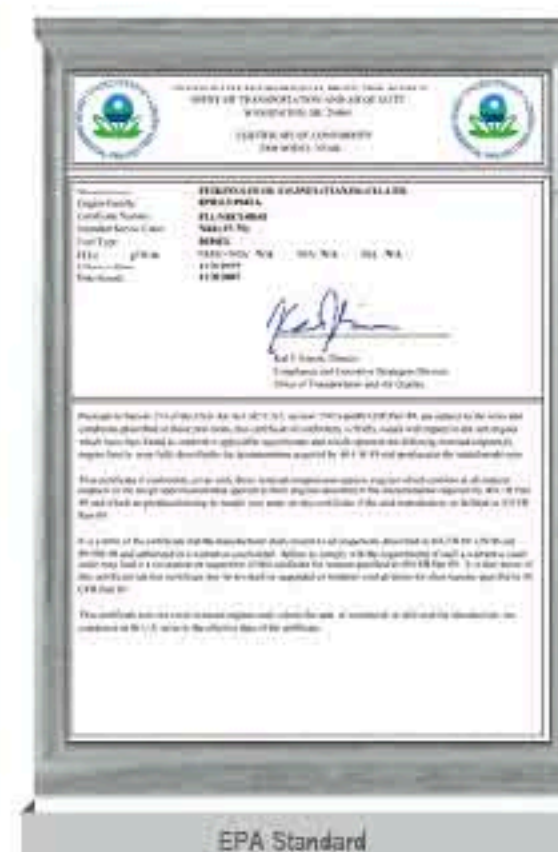


Non-flat floor

- Perkins technology engines, featuring strong power, high efficiency and high reliability;
- 8 + 2 gear transmission, optional 16 + 4 crawling gears, enhanced chassis, reliable strength, reasonable speed configuration, able to meet the needs of a variety of operations;
- The two-speed PTO has such two options as 540/760 and 540/1000, able to meet the operating requirements of a variety of farm machinery;
- The hybrid power-position adjustment risers and optional forced risers can provide higher reliability and better rotary tilling and plowing effects;
- A separate hydraulic oil supply system features high cleanliness within the system and the hydraulic components can have more reliable operations;
- Germany-made STABILUS hood gas springs feature high reliability (Generation-2 hoods);
- EC, EPAIII, GOST-certified models available.



GOST Certificate



EPA Standard



Perkins technology-built engine



OECD

Product features are similar to that of TA704E and the following improvements are made on the basis of TA704E.

- Flat floor, side control, hanging pedals.

TA series

Parameter



▶ Model	TA600E	TA604E	TA650E	TA654E	TA700E	
Drive Type	4 X 2	4 X 4	4 X 2	4 X 4	4 X 2	
▶ Engine						
Engine Type	Forced Water-cooled, In-line, Four-stroke, Naturally Aspirated		Forced Water-Cooled, In-line, Four-stroke, Supercharge, 4 cylinders			
Max. Torque (N·m) @ Revolving Speed (rpm)	255@1400~1600		270@1400~1600			
Displacement (L)	4					
Fuel Tank Capacity (L)	78					
Engine Rated Power kW@rpm	46@2200		48@2200	51.5@2200		
Rated Operating Conditions Fuel Consumption Rate (g/kW·h)	≤248					
▶ Drive train						
Clutch	Dry-type, Double-acting					
Standard PTO Speed(rpm)	540/1000					
Gears	8+2/16+4					
Gear Shift Mode	Meshing Bush, Mechanical					
▶ Hydraulic System						
Hydraulic Output Flow(L/min)	35					
Hydraulic Output Valve	2 Lines (Optional)					
▶ Working Device						
Three Points Suspension Category	Category II					
Lift Capacity(610mm Point) kN	Ordinarily Riser: ≥15; or Forced Pressure Riser: ≥20					
Tillage Depth Adjustment	Semi-remote Lifter: Force and Gear Combination Control Remote Lifter: Height Adjustment, Floating Control					
▶ Parameter						
Overall Dimension(L × W × H) mm	4200×1910×2745	4200×1910×2760				
Min.Operating Weight (kg)	With Cab	2990	3170	3115	3245	3115
	Without Cab	2775	2955	2900	3030	2900
Wheelbase (mm)	2WD: 2188; 4 WD: 2236					
Min. Ground Clearance (mm)	395	290	2WD: 430; 4 WD: 335			
Front Tire	6.00-16	8.3-20	2WD: 6.5-20; 4 WD: 8.3-24			
Rear Tire	14.9-28		2WD: 14.9-30; 4 WD: 14.9-30			

▶ Model	TA704E	TA750E	TA754E	TA704F	TA820F	TA824F	
Drive Type	4 X 4	4 X 2	4 X 4	4 X 2	4 X 4		
▶ Engine							
Engine Type	Forced Water -Cooled, In-line, Four-stroke, Supercharge、 4 cylinders						
Max. Torque (N·m) @ Revolving Speed (rpm)	270@ 1400~1600	320@1400~1600					
Displacement (L)	4						
Fuel Tank Capacity (L)	78						
Engine Rated Power kW@rpm	51@2200	55@2200		51.5@2200		60.3@2200	
Rated Operating Conditions Fuel Consumption Rate (g/kW· h)	≤248						
▶ Drive train							
Clutch	Dry-type, Double-acting						
Standard PTO Speed(rpm)	540/1000						
Gears	8+2/16+4			10+10/16+4			
Gear Shift Mode	Meshing Bush , Mechanical						
▶ Hydraulic System							
Hydraulic Output Flow(L/min)	35						
Hydraulic Output Valve	2 Lines (Optional)						
▶ Working Device							
Three Points Suspension Category	Category II						
Lift Capacity(610mm Point) kN	Ordinarily Riser: ≥15; or Forced Pressure Riser: ≥20						
Tillage Depth Adjustment	Semi-remote Lifter: Force and Gear Combination Control Remote Lifter: Height Adjustment, Floating Control						
▶ Parameter							
Overall Dimension(L × W × H) mm	4200×1910×2760			4200×1910×2760			
Min.Operating Weight (kg)	With Cab	3245	3115	3245	3580	3290	3580
	Without Cab	3030	2900	3030	3365	3075	3365
Wheelbase (mm)	2WD: 2188; 4 WD: 2236			2273			
Min. Ground Clearance (mm)	2WD: 430; 4 WD: 335						
Front Tire	2WD: 6.5-20; 4 WD: 8.3-24						
Rear Tire	2WD: 14.9-30; 4 WD: 14.9-30						

TD SERIES TRACTOR | »

TD824



TD750H



- Perkins technology engines, featuring strong power, high efficiency and high reliability;
- Optional U.S.-made DANA front driving axle;
- Germany-made Luk clutches, Germany-made STABILUS hood gas spring, featuring high reliability;
- Flat floors, hanging pedals, side-located manipulation and 16 + 8 shuttle shift transmission are adopted, optional 8 + 8, 8 + 4 and 16 + 8, 16 + 16 synchronizer shuttle shift models, featuring reasonable distribution of the velocity and good operation adaptability;
- 145-liter underneath-type fuel tank can ensure longer operations;
- Optional U.S.-made ACTUANT combination instruments;
- EC, EPA, GOST-certified models available.



- The optional fully enclosed cab can provide spacious and comfortable space for driving operation, and the panoramic glass windows and doors can give a wider range of vision;
- Optional tread stepless adjustable models, featuring good operation adaptability;
- Optional dual cylinder forced lifter is equipped with height limit, featuring strong lifting force and good operation adaptability;
- The combination of such four two-speed power outputs as 540/760, 540/1000, 760/850 and 760/1000r/min can meet the needs of a variety of agricultural operations;
- If simple parts are added, the ground gap can be heightened with the tread widened to complete intertilling, spraying and laminating field operations.

TD series

Parameter



▶ Model	TD750H		TD820	TD824
Drive Type		4 X 2		4 X 4
▶ Engine				
Engine Type		Water-cooled(or Water Inter Cooler or Air Intercooler), In-line, Four-stroke, 4 cylinders		
Max. Torque (N·m) @ Revolving Speed (rpm)		263@1500~1700	288@1500~1700	
Displacement (L)		4		
Fuel Tank Capacity (L)		145		
Engine Rated Power kW@rpm		55@2200	60.3@2200	
Rated Operating Conditions Fuel Consumption Rate (g/kW·h)		≤248		
▶ Drive train				
Clutch		Dry-type, Double-acting		
Standard PTO Speed(rpm)		540/1000		
Gears		8+4/16+8(Creeper Gear)/16+8(Shuttle Gear) /8+8(Shuttle Gear)/16+16(Synchronizer)		
Gear Shift Mode		Meshing Bush/ Synchronizer		
▶ Hydraulic System				
Hydraulic Output Flow(L/min)		37/47		
Hydraulic Output Valve		2 Lines (Optional)		
▶ Working Device				
Three Points Suspension Category		Category II		
Lift Capacity(610mm Point) kN		Ordinary Riser: ≥15; or Forced Pressure Riser: ≥20		
Tillage Depth Adjustment		Semi-remote Lifter: Force and Gear Combination Control Remote Lifter: Height Adjustment, Floating Control		
▶ Parameter				
Overall Dimension(L × W × H) mm		4530×2610×3180	4530×1986×2760	4530×2050×2810
Min.Operating Weight (kg)	With Cab	4090	3800	4155
	Without Cab	/	3500	3855
Wheelbase (mm)		2366	2195	
Min. Ground Clearance (mm)		790	375	405
Front Tire		9.5-32	6.5-20	11.2-24/12.4-24
Rear Tire		12-38	14.9-30/16.9-34/18.4-30	16.9-34/18.4-30/13.64-38

▶ Model	TD900	TD904
Drive Type	4 X 2	4 X 4
▶ Engine		
Engine Type	Water-cooled(or Water Inter Cooler or Air Intercooler), In-line, Four-stroke, 4 cylinders	
Max. Torque (N·m) @ Revolving Speed (rpm)	315@1500~1700	
Displacement (L)	4	
Fuel Tank Capacity (L)	145	
Engine Rated Power kW@rpm	66@2200	
Rated Operating Conditions Fuel Consumption Rate (g/kW·h)	≤248	
▶ Drive train		
Clutch	Dry-type, Double-acting	
Standard PTO Speed(rpm)	540/1000	
Gears	8+4/16+8(Creeper Gear)/16+8(Shuttle Gear) /8+8(Shuttle Gear)/16+16(Synchronizer)	
Gear Shift Mode	Meshing Bush/ Synchronizer	
▶ Hydraulic System		
Hydraulic Output Flow(L/min)	37/47	
Hydraulic Output Valve	2 Lines (Optional)	
▶ Working Device		
Three Points Suspension Category	Category II	
Lift Capacity(610mm Point) kN	Ordinary Riser: ≥15; or Forced Pressure Riser: ≥20	
Tillage Depth Adjustment	Semi-remote Lifter: Force and Gear Combination Control Remote Lifter: Height Adjustment, Floating Control	
▶ Parameter		
Overall Dimension(L × W × H) mm	4530×1986×2760	4530×2050×2810
Min.Operating Weight (kg)	With Cab	4155
	Without Cab	3855
Wheelbase (mm)	2195	
Min. Ground Clearance (mm)	375	405
Front Tire	6.5-20	11.2-24/12.4-24
Rear Tire	14.9-30/16.9-34/18.4-30	16.9-34/18.4-30/13.64-38

TF SERIES TRACTOR | »

TF1254



- The user-friendly design and high-quality engine can provide strong power, high efficiency, low fuel consumption and high reliability;
- The fully enclosed cab can provide spacious and comfortable space for driving operation, equipped with rear wipers, radio, overhead warning lights and 7-hole trailer socket as well as optional air conditioning, heater and fan system, featuring luxuriousness and comfortableness; the panoramic glass windows and doors can give a wider range of vision;
- Flat floors, hanging pedals, side-located manipulation and 16 + 8 shuttle shift transmission are adopted, featuring a variety of gear options and reasonable distribution of velocity. The optional 16 + 16 synchronizer shuttle shift model can achieve convenient manipulation;
- Tread stepless adjustment can adapt to different operating conditions; front wheels 14.9-26 (or 14.9-24), rear wheels 18.4-38 (or 18.4-34); featuring good adaptability;
- Imported Germany-made LUK 12-inch reinforced double-acting clutches can provide reliable performance, large torque reserve coefficient and high transmission capacity; 240L underneath-type fuel tank can ensure longer operation;
- The tilting traction devices and three-way hydraulic output systems can meet a variety of operational requirements;
- The combination of such three two-speed power output as 540/1000 r / min, 760/1000 r / min and 540/760 r / min can meet the matching of a variety of farm machinery;
- The optional U.S.-made ACTUANT combination instruments can provide stable operation and high reliability;
- GOST-certified models available



TF series

Parameter



▶ Model	TF1054		TF1154	TF1254
Drive Type		4 X 4		
▶ Engine				
Engine Type		Forced Water-Cooled, In-line, Four-stroke, Supercharge, 6 cylinders		
Max. Torque (N·m) @ Revolving Speed (rpm)		354/1500~1700	387/1500~1700	421/1500~1700
Displacement (L)		6		
Fuel Tank Capacity (L)		240		
Engine Rated Power kW@rpm		77.2@2200	84.5@2200	92@2200
Rated Operating Conditions Fuel Consumption Rate (g/kW·h)		≤248		
▶ Drive train				
Clutch		Dry-type, Double-acting		
Standard PTO Speed(rpm)		540/1000		
Gears		16 Forward +8 Reverse/16 Forward +16 Reverse		
Gear Shift Mode		Meshing Bush /Synchromesh		
▶ Hydraulic System				
Hydraulic Output Flow(L/min)		70		
Hydraulic Output Valve		3 Lines		
▶ Working Device				
Three Points Suspension Category		Category II		
Lift Capacity(610mm Point) kN		≥25		
Tillage Depth Adjustment		Height Adjustment, Floating Control		
▶ Parameter				
Overall Dimension(L × W × H) mm		5060×2345×2995		
Min. Operating Weight(kg)		5545		
Wheelbase (mm)		2582/2657(Front Drive Axle of Midengine Steering Fuel Cylinder)		
Wheel Track (mm)	Front Wheel	1784~2202 (Commonly Used 1954)		
	Rear Wheel	1650~2285(Commonly Used1750) / 1620~2420(Commonly Used1850)		
Min. Ground Clearance (mm)		395		
Front Tire		14.9-24/14.9-26		
Rear Tire		18.4-34/18.4-38		

TG SERIES TRACTOR | »

TG1454



TG1854



- Perkins technology engines, featuring strong power, high efficiency and high reliability;
- Italian CARRARO dual-cylinder front drive axle, featuring high reliability;
- Germany-made Luk clutches featuring high reliability,hydraulic powered steering systems optional to improve the convenience of manipulation;
- Optional Germany-made Rexroth electronic control riser can achieve adjustment, position adjustment, hybrid power-position control and floating control;
- 16 + 16 synchronizer shift, featuring a wide speed range and adaptable to a variety of operations, the shuttle shift structure adopted to can achieve convenience of manipulation;
- 350L underneath-type fuel tank can ensure longer operation;
- GOST-certified models available .



GOST Certificate



LUK clutch from Germany



Perkins technology-built engine



▶ Model	TG1254		TG1454
Drive Type		4 X 4	
▶ Engine			
Engine Type		Forced Water-Cooled, In-line, Four-stroke, Supercharge- 6 cylinders	
Max. Torque (N·m) @ Revolving Speed (rpm)		475/1600±100	551/1600±100
Displacement (L)		6	
Fuel Tank Capacity (L)		320	
Engine Rated Power kW@rpm		92@2200	106.6@2200
Rated Operating Conditions Fuel Consumption Rate (g/kW·h)		≤248	
▶ Drive train			
Clutch		Dry-type, Double-acting	
Standard PTO Speed(rpm)		2400	
Gears		16 Forward +16 Reverse	
Gear Shift Mode		Synchronizer	
▶ Hydraulic System			
Hydraulic Output Flow(L/min)		80	
Hydraulic Output Valve		3 Lines	
▶ Working Device			
Three Points Suspension Category		Category II / Category III	
Lift Capacity(610mm Point) kN		≥28	≥28
Tillage Depth Adjustment		Height Adjustment, Floating Control	
▶ Parameter			
Overall Dimension(L × W × H) mm		5250×2400×3030	5350×3400×3030
Min. Operating Weight(kg)		6700	7460
Wheelbase (mm)		2688	
Wheel Track (mm)	Front Wheel	1900	
	Rear Wheel	2380 (Dual Tires)	
Min. Ground Clearance (mm)		400	
Front Tire		14.9-26	14.9-28
Rear Tire		18.4-38	18.4-38(Dual Tires)

▶ Model	TG1654		TG1854
Drive Type	4 X 4		
▶ Engine			
Engine Type	Forced Water-Cooled, In-line, Four-stroke, Supercharge、 6 cylinders		
Max. Torque (N·m) @ Revolving Speed (rpm)	627/1600±100	627/1600±100	
Displacement (L)	6		
Fuel Tank Capacity (L)	320		
Engine Rated Power kW@rpm	121.3@2200	136@2200	
Rated Operating Conditions Fuel Consumption Rate (g/kW·h)	≤248		
▶ Drive train			
Clutch	Dry-type, Double-acting		
Standard PTO Speed(rpm)	2400		
Gears	16 Forward +16 Reverse		
Gear Shift Mode	Synchronizer		
▶ Hydraulic System			
Hydraulic Output Flow(L/min)	80		
Hydraulic Output Valve	3 Lines		
▶ Working Device			
Three Points Suspension Category	Category II / Category III		
Lift Capacity(610mm Point) kN	≥35	≥35	
Tillage Depth Adjustment	Height Adjustment, Floating Control		
▶ Parameter			
Overall Dimension(L × W × H) mm	5350×3400×3110	5420×3400×3110	
Min. Operating Weight(kg)	8050	8050	
Wheelbase (mm)	2760		
Wheel Track (mm)	Front Wheel	1900	
	Rear Wheel	2380 (Dual Tires)	
Min. Ground Clearance (mm)	450		
Front Tire	16.9-28	18.4-26	
Rear Tire	18.4-42 (Dual Tires)	20.8-38(Dual Tires)	

TRACTOR IMPLEMENTS | »



Name	Suited tractors	Specifications
Front loader	TE\TB\TA\TD\TG	Rated payload(kg):200\400\600\800\1000



Name	Suited tractors	Specifications
Backhoe	TE\TB\TA\TD	Bucket capacity(m³):0.03\0.048\0.06



Name	Suited tractors	Specifications
Trailer	TE\TB\TA\TD\TG	Rated payload(ton):1.5-16t\ Including self-dump and common type,self-dump includes hydraulic back dump and side dump.



Name	Suited tractors	Specifications
Snow grader	TE\TB\TA\TD	Grader width(m):1.5\1.65\1.8\2.1 Grader blade height(mm):660-700



Name	Suited tractors	Specifications
Mower	TE\TB\TA	Cutting height (mm) : 25-125



Name	Suited tractors	Specifications
Back cleaning machine	TE\TB\TA\TD	Cutting width(m):1.5\1.65\1.8\2.1 Grading depth(mm):0-60\ Cleaning speed(km/h):5-15\



Name	Suited tractors	Specifications
Precision Seeder	TE\TB\TA\TD\TG	Rows of sowing:2\3\4\5\6\8\ Depth of sowing:40-100



Name	Suited tractors	Specifications
Pesticide sprayer	TE\TB\TA\TD\TF\TG	Capacity of container(L):200-1200 Spraying width(m):4-25



Name	Suited tractors	Specifications
Potato seeder	TE\TB\TA\TD\TG	Distance between rows:600-800 Seeding row:2\4



Name	Suited tractors	Specifications
Corn straw crusher	TA\TD	Operation width(m):1.5\1.6\1.72\1.85 Stubble height(mm):20-80



Name	Suited tractors	Specifications
Mounted bottom plow	TE\TB\TA\TD\TF\TG	Working depth(mm):140-180,180-220,220-260; Working width of single plough(mm):200\250\300\350



Name	Suited tractors	Specifications
Hydraulic rotary plow	TA\TB\TD\TF\TG	Working depth(mm):180-300; Working width of single plough(mm):200\250\300\350



Name	Suited tractors	Specifications
Disc plow	TE\TB\TA\TD\TG	Working depth(mm):150-180\180-250; Working width of single disc(mm):150\200\250



Name	Suited tractors	Specifications
Rotary cultivator	TE\TB\TA\TD	Tilling width(m):1-2.5; Tilling depth(mm):80-180



Name	Suited tractors	Specifications
Stubble rotary crusher	TE\TB\TA\TD	Tilling width(m):1.25-2.5; Tilling depth(mm):80-180



Name	Suited tractors	Specifications
Ridger	TE\TB\TA\TD	Working width(mm):800-2600; Riger width(mm):200-450 Riger depth(mm):100-350



Name	Suited tractors	Specifications
Hydraulic light harrow	TD\TG	Working depth(mm):100; Working width(m):3.4\7.2



Name	Suited tractors	Specifications
Hydraulic medium harrow	TD\TF\TG	Working depth(mm):140; Working width(m):2.8\4.4



Name	Suited tractors	Specifications
Hydraulic heavy harrow	TD\TF\TG	Working depth(mm):180-250; Working width(m):1.6-3.5\2.8-3.4

Product Support | »



Use of CRM System



Training of Overseas Dealers



Service Team of Foton Lovol



Service in South Africa



Service in Europe&America



Spare parts Warehouse

Our Product Support :

- When you select Foton Lovol agricultural equipment, you immediately have our uncompromised commitment to wholehearted supporting you during the complete product life cycle. In addition to your local product support team from the authorized Foton Lovol dealer, our 60 plus well trained and field seasoned service engineers from Headquarter are prepared to reach any corner of the earth whenever there is a rush in need, just to make sure our product performance beats your expectations.
- To meet the increasing demand for replacement parts from tens of thousands of Foton Lovol customers, we are continuously stepping up the effort in improving our parts distribution efficiency backed by the latest information technology. With the ever expanding customer base globally, more regional parts distribution centers have been planned in which some are already under construction so you will be able to receive Genuine Foton Lovol Parts much faster in the near future.
- Every year, we provide many on-site product usage and maintenance training to our customers. We also conduct comprehensive training to our dealers' product support team and certify them to enhance dealer service capability locally.
- Relentless pursuing customer satisfaction is a never ending journey. Everything we do here has one ultimate goal – to make you happy and even more successful as a Foton Lovol customer.
- We want to have your voice and we highly value your feedback. Please contact us should you have any product support enquiries or suggestions and you are guaranteed to receive our response within 24 hours.

Contact Us : 4008656865

Product Support Network :

