

B series wheeled tractor

CFB504-X

B series tractors, more powerful, economical and fuel-efficient, adopting shuttle shifting structure with 9 forward gears and 9 reverse gears; large operating space, comfortable driving; widely meeting the needs of ploughing, rotary tillage, transportation and any other kind of job requirements.



More Powerful, High Operating Efficiency



- **Adopting Changfa** diesel engine with surging power, fast acceleration, durability and reliability, lower fuel consumption, and a torque reserve factor of up to 28%.
- **Standard** configuration of multi-working mode selection function, fuel-saving, standard, burst three gears can be selected as needed, fuel-saving and economical.
- **Standard** 9+9 gear transmission, double-acting clutch, multi-gear adjustable, reasonable speed setting to meet different operating conditions, and strong adaptability.



- **75L capacity** fuel tank, longer working life, excellent continuous operation efficiency.
- **High efficiency**, lower fuel consumption, becoming an income-generating expert (with a 1.4m rotary tiller operating 12 mu / hour, fuel consumption 0.68 liters / mu).
- **Road speed** reaching 39.7 km/h, having significant advantages in transition and transportation.

Superior Performance, Safe & Reliable

- **The fourth-generation** body of Changfa, long wheelbase, high body, new appearance, and streamlined shape, creating a strong visual impact.
- **Optimized** design of the hood, narrow on both sides, low front and high rear, wide driving vision and wide visual range.
- **Mudguard** further improved, gap between the tire and the mudguard enlarged, and the paddy field operation unblocked by mud.
- **The thickness** of the front/rear rim is 4mm/4.5mm, and high strength.
- **The tires** are equipped with Xulun Jiazi tires, a big brand, and good quality.



- **Complete lifter** system, standard vertical double-cylinder pressure lifter, strong lifting force up to 11KN, wide range of machine tools, comfortable operation and high efficiency.
- **The hydraulic** pipeline oil seal and the steering cylinder seal are designed with imported structure, no leakage for 800 hours, and a long service life to escort efficient operation.
- **Optional Changfa's** independent research and development of high-precision auxiliary driving system, straight-line operation free hands, comfortable driving, and experience cutting-edge technology.

Comfortable and Convenient Operation



- **Modernized** Side-placed operation system. Simple and efficient operation.
- **Radius of turning** circle is only 3.7m, which makes steering flexible and comfortable.
- **Shuttle-shift** system can achieve a quick and convenient gear change between forward and reverse.
- **A soft widen** seat is adopted to make operator comfort.

Wide Application &and Strong Adaptability



- **Ground** clearance reaches 380mm, which make passibility super great.
 - **Minimum** wheel tread is 1050mm, which can work in different regions.
 - **Changfa special** designed structure is used on the front axle which can be in both paddy and upland fields without oil leakage over 800 hours.
- **Water-proof** harness can be used without poor contact condition over 500 hours

GPS System



- **Real-time Location:** GPS/Beidou system can timely upload the tractors' position, so we can offer service precisely.
- **Wheel path:** Tractor's movement can be recorded timely, which can help users measure the working acreage.
- **Fault Diagnosis:** this system can remote monitor the machines' working condition, then provide guiding and solution of malfunctions.
- **Maintenance Notice:** Maintenance notifications can be pushed to the users intelligently, which can improve users' operating experience.
- **Work Accounting:** Working data is collected timely, which can help users notice the working conditions.

Technical Parameters

Changfa B Series Specification		
Tractor Model		CFB504-X
Engine	Model	CF4B50T-Z
	Engine rated power (KW)	36.8
	Maximum torque (N.M)	169
	Emission level	Stage II
	Type	Inline, water cooling, four-stroke, direct injection
	Number of cylinders	4
	Cylinder bore (mm)	90
	Stroke of piston (mm)	100
	Displacement (L)	2.54
	Rated speed (rpm)	2400
	Fuel tank (L)	46L
Clutch	Type	Dry clutch, double-acting clutch
Gearbox	Type	Shift Sleeve
	Number of gears	8+8
	Speed forward (km/h)	2.01-36.57
	Speed backward (km/h)	2.2-35.1
Chassi	Wheelbase (mm)	1900
	Front wheel track (mm)	1200 (Standard model) 1070(Narrow model)
	Rear wheel track (mm)	1200 (Standard model) 1070(Narrow model)
	Min. Ground Clearance (mm)	360
Tractor	Length (mm)	3701
	Width (mm)	1632 Narrow model:1500
	Height (mm)	2470 (Rops) 2542(Cab)
	Struction weight (kg)	1754 (Rops) 1904 (Cab)
	Min.operation weight (kg)	1970 (Rops) 2120 (Cab)
	Front ballast (kg)	80 120 160
	Rear ballast (kg)	90 180
	Max weight (kg)	2270 (Rops) 2420 (Cab)
	Rated traction (KN)	15.73 (Rops) 16.58 (Cab)
	Lifting force (KN)	16
Working device	PTO Speed (rmp)	6-540 / 1000 Option: 540 /760 or 760 / 1000
	PTO power (kw)	31.3
	Hydraulic output flow (L/mim)	30.6
	Hydraulic output interface	Two sets Option: One set
Container loading		12 units/40HQ (Rops) 6 units/40HQ (Cab)

Wheeled Tractor Superior E-H series

CFE704-H/CFE804-H/CFE904-H

Beyond E series wheeled tractors are powerful, economical and fuel-efficient. It adopts a shuttle shift structure with 12 forward gears and 12 reverse gears. It has large operating space and comfortable driving. It is widely used in plowing, rotary tillage, transportation and other floods and droughts dual-purpose multiple job requirements.



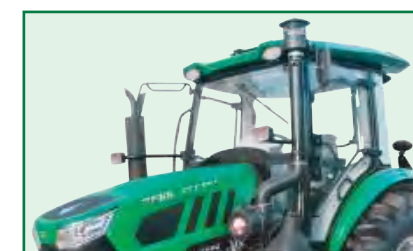
Surging power, economical and efficient



- **Standard** regular engine, surging power, fast speed, durable and reliable, low fuel consumption, torque reserve factor is as high as 26%.
- **Standard** configuration of multi-working mode selection function, fuel-saving/standard/powerful three modes adjustable, select as needed, fuel saving economy.
- **With a road** speed of 34.7 km/h, it has significant advantages in transition and transportation.
- **Standard** 12+12 speed gearbox, multi-speed adjustable, reasonable speed setting, meeting different working conditions, strong adaptability.
- **High efficiency**, low fuel consumption, achievement of small income-generating operators (with a 2-meter tillage machine operating 2.84 acres/hour, fuel consumption 3.94 liters/acre).
- **85L capacity** fuel tank, long service life, excellent continuous operation efficiency.

Surging power, economical and efficient

- **The fourth-generation** body of Changfa has a new appearance, streamlined shape, and a strong visual impact.
- **Optimized design** of the hood, narrow on both sides, low front and high rear, wide driving vision and wide visual range.
- **The roof** is equipped with a diversion groove to effectively solve the roof water accumulation and increase the service life.
- **The mud guard** is further improved, and the gap between the tire and the mud guard is added, so that the paddy field operation will not be filled with mud.
- **35000 candela** LED headlights, supporting full-view work lights, smooth and worry-free night work, dynamic and trendy assembly line turn lights, highlighting chic and luxury.



- **The modern** side control system makes the operation simple and efficient.
- **Shuttle-type** gear shifting realizes one-time hooking and rapid conversion of forward and reverse, and the operation is light and free.
- **Independently** controlled double-acting clutch, bid farewell to heavy clutch, comfortable driving and easy work. Ergonomic design is adopted, and the indoor control layout is within easy reach.
- **Use high-quality** dual-resistance sound insulation materials to create car-level sound insulation and noise reduction.
- **Dry powder** spray does not enter ash, rain spray does not leak, and the surrounding air outlet layout creates an excellent heating and cooling effect. Even if the dust is flying, the wind and rain or the high temperature exposure, it will still run vertically and horizontally, and enjoy comfortable driving and efficient operation.
- **Luxury but** not high-profile, more cost-effective, car soft-pack interior, high-end colored glass, all-round adjustable seat, steplessly adjustable steering wheel, car turn signal controller, all-inclusive flexible floor mat, high-brightness work light; equipped with mobile phone Charging port, USB port, teacup holder, cigarette lighter, storage box, humanized design, diversified functions at your heart.

Surging power, economical and efficient



- **Standard** vertical double-cylinder pressure riser, optional horizontal pressure riser; strong lifting force up to 20.5KN, wide range of equipment, comfortable operation and high efficiency.
- **The hydraulic** pipeline oil seal and the steering cylinder seal are designed with imported structure, guarantee no leakage for 800 hours, long life and carry out efficient operation.



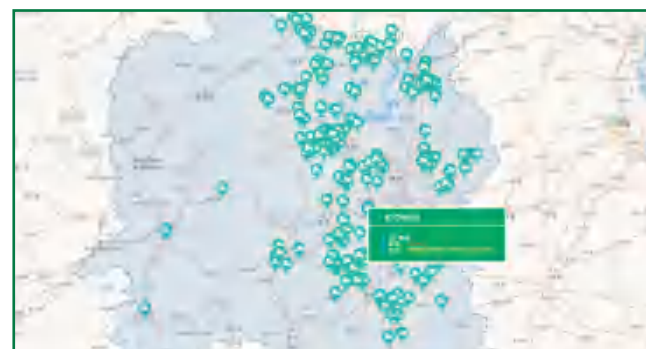
- **The front** and rear axles adopt imported box type oil seals and Changfa's special sealing structure, which has better sealing effect, and no muddy water can enter the paddy field in 1000 hours.
- **Waterproof** wiring harness, no poor contact for 500 hours.
- **The standard** wet disc brake has good braking effect and high product stability.

Wide application and strong

- **The ground** clearance is as high as 445mm, with super passability, unimpeded operation and worry-free operation.
- **4m turning** radius, flexible turning, creating the ultimate handling of the vehicle.
- **The operating** parts adopt imported nylon bushes, which are maintenance-free and will not rust for life.
- **Optional** Changfa's independent research and development of high-precision auxiliary driving system, straight line operation free hands, comfortable driving, and experience cutting-edge technology.



Global positioning system



- **Real-time positioning:** GPS/Beidou system uploads the position of agricultural machinery in real time, providing accurate services to users.
- **Driving trajectory:** Record the historical trajectory of agricultural machinery driving in real time to assist users in calculating the working area.
- **Fault diagnosis:** remotely monitor the operation status of agricultural machinery, provide convenient guidance and solve problems for farmers.
- **Maintenance reminder:** Intelligently send the whole vehicle maintenance information to enhance the user's operating experience.
- **Job statistics:** collect job data when selling to assist users in mastering the status of agricultural machinery operations.

Technical Parameters

Changfa E-H Series Specification				
Tractor Model		CFE704-H	CFE804-H	CFE904-H
Engine	4th Model (Stage III&II)	CF4D70-T	CF4D80-T	CF4D90-T
	5th Model (Stage IV)	QC V35	QC V35	QC V35
	Engine rated power (KW)	51.5	58.5	66.2
	Maximum torque (N.M)	262	299	337
	Type	Inline, water cooling, four-stroke, direct injection		
	Number of cylinders	4		
	Cylinder bore (mm)	98		
	Stroke of piston (mm)	CF:120mm V35:115mm		
	Displacement (L)	CF:3.62 L V35:3.47L		
	Rated speed (rpm)	2300		
	Fuel tank (L)	120L		
Clutch	Type	Dry clutch; double-acting clutch		
Gearbox	Type	Shuttle gear, synchronizer shift		
	Number of gears	16+16		
	Composition of gear	Normal gear + transport gear / Option:Normal gear + crawler gear		
	Speed forward (km/h)	3.32-38.38		
	Speed backward (km/h)	2.94-33.93		
Chassi	Wheelbase (mm)	2100		
	Front wheel track (mm)	1400		
	Rear wheel track (mm)	1300~1800 (Standard 1364)		
	Min. Ground Clearance (mm)	418		
Tractor	Length (mm)	4175		
	Width (mm)	1846		
	Height (mm)	2566 (Rops) 2666 (Cab)		
	Struction weight (kg)	2510 (Rops) 2645 (Cab)		
	Min.operation weight (kg)	2740 (Rops) 2875 (Cab)		
	Front ballast (kg)	120 160		
	Rear ballast (kg)	180 360		
	Max weight (kg)	3260 (Rops) 3395 (Cab)		
	Rated traction (KN)	22.6 (Rops) 23.6 (Cab)		
	Lifting force (KN)	25.1		
Working device	PTO Speed (rmp)	6-540 / 1000 Option: 540 / 760 or 760 / 1000		
	PTO power (kw)	43.8	50	56.3
	Hydraulic output flow (L/min)	33.5		
	Hydraulic output interface	Two sets		
Container loading		3 units/40HQ		