

2-Wheel Walking Tractor

EL series 15HP-22HP

For paddy&hard&hilly & multi-function



PRECISION AGRICULTURE



preparing



planting



growing



harvesting
pandatractor.com

RELIABLE



1. Each engine will be tested about 20-40 minutes, failure rate of products $<0.9\%$
2. Debugging each Gearbox to make sure clutch, accelerator etc. works smoothly.
3. Gears in tractors' gearbox, transmission shaft, engines' cams, piston pins and some measuring tools are all made of 20CrMnTi carburized steel. With carburizing quenching process, it can improve the hardness, strength and wear resistance of metal parts.

ATTACHMENTS

WALKING TRACTOR (MOTOCULTIVADOR)
CAN BE USED FOR DIFFERENT JOBS, AS
WELL AS FOR CLASSIC TILLING. ALL THE
MODELS TO BE USED IN AN EXTREMELY
PRACTICAL WAY WITH BOTH FRONT AND
REAR ATTACHMENTS.
THE WIDE RANGE OF PROFESSIONAL AND
GENUINE ATTACHMENTS MAKES TOOLS
FOR ALL SEASONS.



RANGE

- Engine type:evaporation/radiator
- Chassis model:151 DF
- Power:15HP-22HP (S1110-S1115)
- **Accept customized**



radiator



evaporation



Rotary tiller

Working width: 80cm-110cm

Soil working equipment in preparation for seeding, burial of plant residues, elimination of weeds, inter-row weeding for horticulture and floriculture.

- The tilling width can be adjusted by changing the numbers of knives and the width of the cover
- Safety guard for operator's safety
- Optional: adjustable ridger (behind rotary hoe)



Reversible plow

Equipment to overturn and fragment the soil in preparation for further workings or directly for seeding. When overturning the soil, any weeds or previous crops are buried, speeding their decomposition.

- Adjustable ploughshare penetration depth
- Adjustable height of the knife
- Adjustable working angle



Disc plow

Working width: 40cm

Overturn the hard or dry or stone soil.

- Adjustable working angle



Double Plow

The plow turns over topsoil, bringing subsoil to the top and burying weeds and previous crops; thereby speeding decomposition.



Moldboard plow

Suitable for loam, or sandy loam soils in the cultivated



Peanuts planter

Seeding rows:2
Line space: about 20cm
Row spacing: 15-30cm adjustable



Corn / bean seeder

Seeding Depth: 3-10cm
Row Spacing: 15-35cm
adjustable

- Double row
- Fertilizing, seeding, earthing one time
- Anti-tangled Grass function
- no-tillage
- 6 gear shift



Ridger

Match to 151 type Chassis
working width adjustable

for making ridges for row crops such as Sugercane, Potato, chillies, tobacco, banana etc. as well as for opening furrows for water flow. The ridger should be used when the soil is slightly moist and used only after tilling the land once or twice.



Corn harvester

Working Row: single
Work Efficiency: over 0.2ha/h
Stubble Height: less than 8cm
Straw Crushing Rate: > 98%

- corn picking and straw shredding finishing in one time



Wheat seeder

Rows:5

Working Width : 100cm

Line Spacing: 15-25 cm adjustable

Seeding Depth: 20-50 cm adjustable

Capacity: 30kg

Fertilizing and seeding



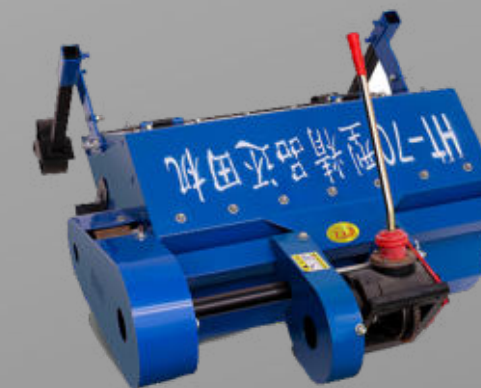
Wheat/Rice harvester

Cutting Length: 1.2 meter

Stubble Height: ≥ 5 cm

Productivity: over 0.5ha/hour

Total Loss Rate: $< 1\%$



Straw Returning to Field/Grass Chopper

Working Width:70cm

- harvest and crush corn, sorghum, wheat, rice, cotton stalks and other stalks,
- and can also play a role in the above crop stubble, stubble eradication, weeding, soil loosening, burial, returning to the field and so on



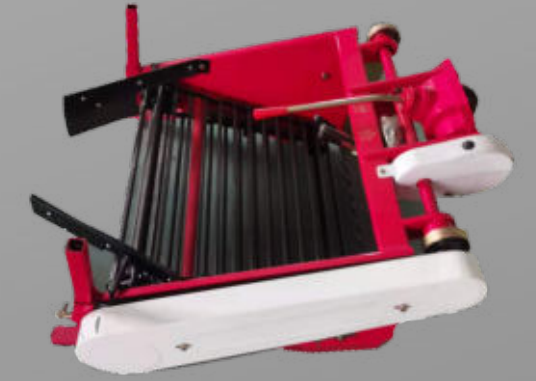
Disc mower

Working width: 90cm
Suitable for cutting over 5cm grass



Water pump

2.5 Inch
Not including water pipe



Potato harvester

Working width: 70cm
Digging depth: 15-40cm
Potato-exposing rate: >98%



Mulch Applicator

Mulch width:40-100cm

Mulch depth: 3-6cm

with fertilizer tank

- tight cover film, no damage film, uniform pesticide spraying and good weeding effect
- Drip irrigation



Vegetable seeder

Seeding row spacing: 8-50cm

Seeding spacing: 2-60cm adjustable

Seed depth: 0-5cm adjustable

Seed can be sown: spinach, coriander, Grape, lettuce and other small seeds.



Hoe

Five tines



Trailer

Capacity: 0.5-1.5 ton
Size: 1.8*0.9*0.35 meter



Paddy wheel

Diameter:62cm
Width:27cm



Ditcher

Working Depth: 10-30cm
Working Width: over 50cm (adjustable)

Ditcher/ earth up/ Buried grape vines

TECHNICAL FEATURES

Power	EL-Walking Tractor 15hp	EL-Walking Tractor 16hp	EL-Walking Tractor 18hp	EL-Walking Tractor 20hp	EL-Walking Tractor 22hp
Engine Type	Single Cylinder, Horizontal, 4-Stroke, Water Cooling, Diesel				
Combustion System	Direct Injection				
Bore*Stroke (mm)	100*115	100*115	105*115	110*115	115*115
Total Displacement (L)	0.90	0.95	1.00	1.09	1.19
Max. Output (kw/rpm)	11.03	12.13	13.31	14.56	16.17
Engine Net Weight (kg)	155	155	160	180	180
Chassis Structure Weight (kg)	160				
Type of Tyre	6.00-12				
Drive Unit	V-Belt Transmission				
Transmission	Gear Reducer				
Rated Speed (r/min)	2200				
Gear Shift	6F+2R				
Cooling System Consumption	Evaporative/Condensing (Radiator)				
Lubrication Method	Pressure Splash Spray				
Min Ground Distance (mm)	185				
Starting Method	Hand Start/Electric Start				
Chassis Type	Traction & Driving				
Rated Traction	2400N				
Type of Clutch	Double Friction Disc of Constant Conjunction				
Brake	Ring Type with Inner Pads				
Tread	580-800mm				
Type of Steering Gear	Meshing Sleeve				
Type of Brake	Cricoids, Inside, Expansion				
Tillage Width (mm)	800-1100				

BASIC MAINTENANCE

1. Parking place. Best placed in the warehouse, but do not put together with chemical fertilizers, pesticides, so as not to corrode the parts; If it is parked outdoors, it should choose a high, dry and ventilated place, and cover it with plastic cloth to prevent mechanical damage and corrosion.
2. Cushion parts. The tractor with wooden pier or masonry pad, in order to reduce the load of the tire. If there is no support pad, the tire should increase the inflating capacity by 10% ~ 20%, and also should be checked regularly, often inflated, and make sure not lack of air.
3. Rinse thoroughly. Remove the dirt and oil on the surface of the tractor. Please check, adjust and tighten all parts and screws to avoid loosening and falling off.
4. Drain off the oil and water. After the tractor is out of service, the cooling water, diesel oil and oil in the engine should be clean..
5. Maintenance parts. Take an appropriate amount of dehydrator oil (heat the oil to about 130°C) and pour it into the intake pipe. Turn the crankshaft to make the oil adhere to the piston, piston rod, cylinder liner and valve. And the piston is shaken to the compression top dead center, in order to avoid the valve spring, push rod and other parts of the pressure for a long time and lose its performance.
6. Remove the injector. Put the injector into clean diesel oil after cleaning, loosen the adjustment screw, and block the injector hole chamber with a cork.
7. Oil the axle box. Take 1kg of dehydrator oil, pour it into the crankcase, and then rotate the crankshaft several turns to make the lubrication system full of dehydrator oil.
8. Parts polyester oil. Coat all fastening parts such as rocker arm, high pressure oil pipe, oil injection block, bolts and nuts with dehydrator oil to prevent rust.



SERVICES



Spare parts:

A complete range of original spare parts, guaranteed directly.

Warranty:

A precise certainty for the customer's satisfaction: 2-year warranty.

Assistance:

A team of specialists, well prepared and available to assure an efficient and resolving service.

Cooperation+:

Agricultural machinery industry information and customer marketing assistance.

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