

2-Wheel Walking Tractor

ES series 8HP-13HP

Small-scale & multi-function



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 could be improve the hardness, strength and wear resistance of metal parts.

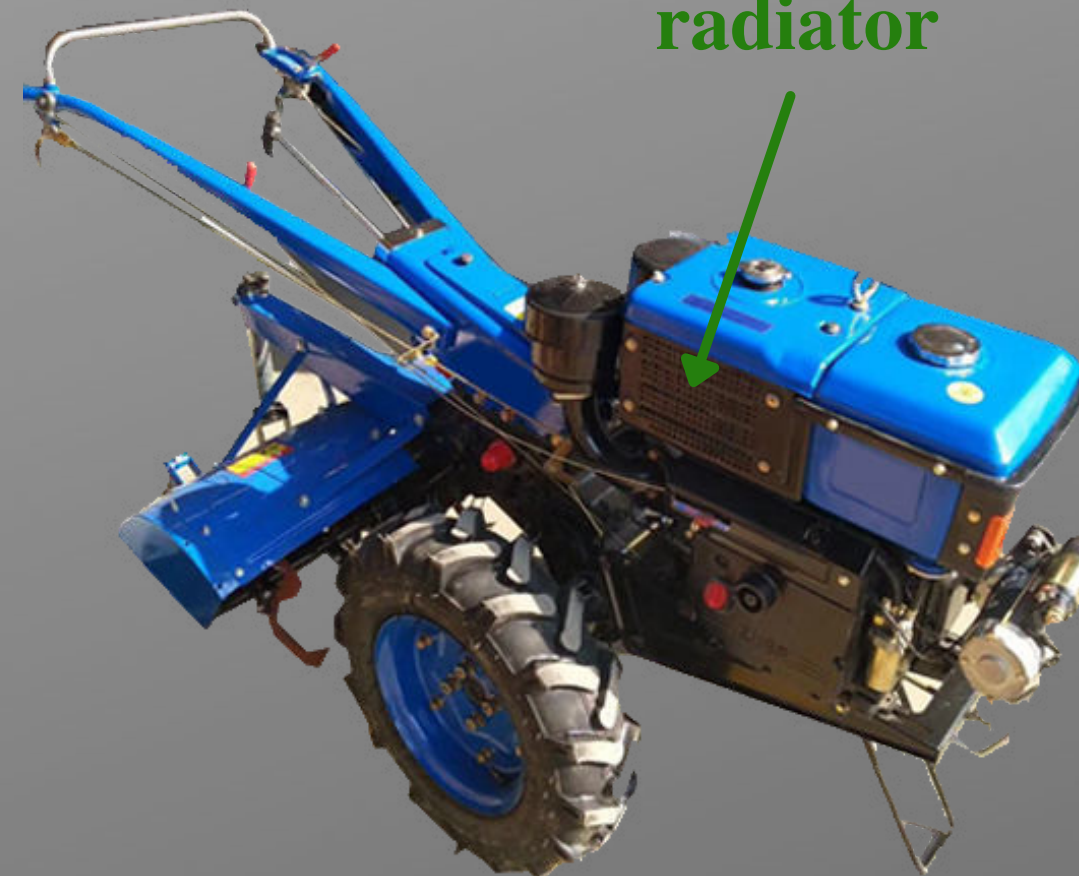
ATTACHMENTS

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: 101 or 121 model
- Power: 8HP-13H (R180-R196)





Rotary tiller

Working width: 80cm-100cm

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

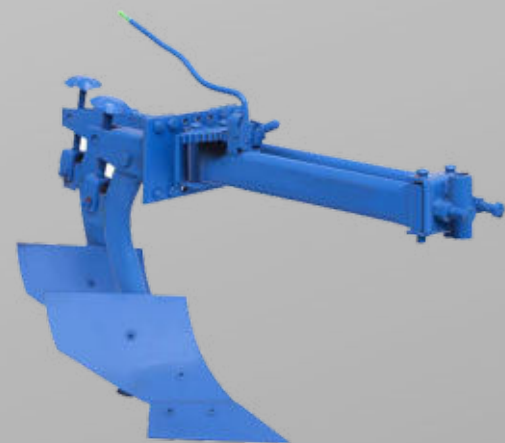


Disc plow

Working width: 40cm

Overturn the hard or dry or stone soil.

- Adjustable working angle



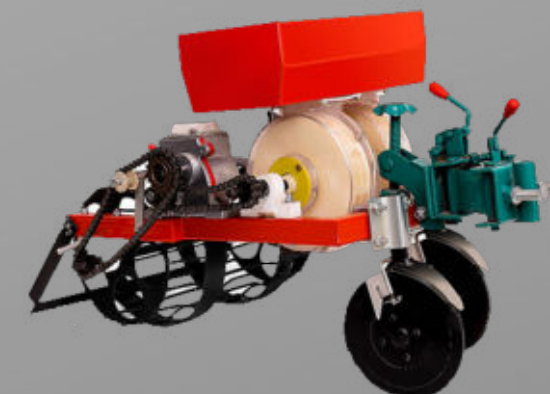
Double Plow

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

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



Ridger

Match to 101 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



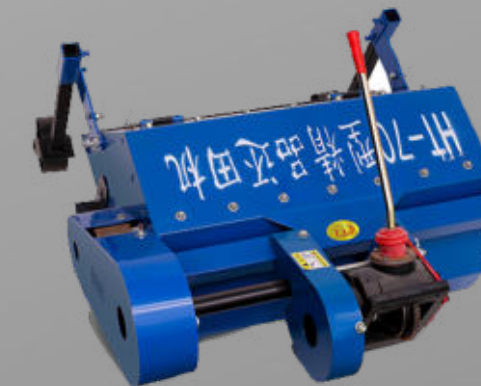
Wheat/Rice harvester

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



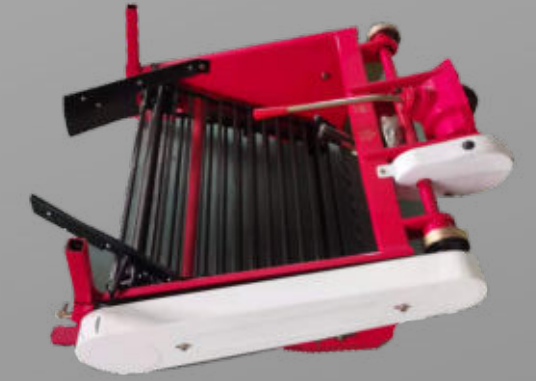
Disc mower

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: 0.5-1.5ton
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	ES-Walking Tractor 8hp	ES-Walking Tractor 10hp	ES-Walking Tractor 12hp	ES-Walking Tractor 13hp
Engine Type	Single Cylinder, Horizontal, 4-Stroke, Water Cooling, Diesel			
Combustion System	Swirl Chamber/Direct Injection			
Bore*Stroke (mm)	80*80	90*90	92*95	95*95
Total Displacement (L)	0.40	0.51	0.60	0.67
Max.Output (kw/rpm)	5.88	7.45	8.47	9.68
Engine Net Weight (kg)	72	95	102	115
Chassis Structure Weight (kg)	150			
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			
Starting Method	Hand Start/Electric Start			
Chassis Type	Traction & Driving			
Rated Traction	1700N			
Type of Clutch	Sing/Double Friction Disc of Constant Conjunction			
Brake	Ring Type with Inner Pads			
Tread	640-680mm			
Type of Steering Gear	Meshing Sleeve (Lockable, with Swivel Clamp)			
PTO Rotational Speed (rpm)	1176			
Tillage Width (mm)	800-1000			



SERVICES

- Spare parts: A complete range of original spare parts, guaranteed directly.
- Warranty: 2 years warranty for main parts.
- 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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