



## WALKING TRACTOR

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▲ Rotary tilling



▲ Ploughing



▲ Disc Ploughing



▲ Harvesting



# WALKING TRACTOR



## Features and Usage

Walking Tractor Model 121 is designed for pulling and driving. The model features output at high and low speed, compactness and simplicity of construction, easy control and steering, light weight, rugged durability and reliability. It is suitable for working in dry and paddy field, orchard and slightly hilly land completed with driver's seat and farm implements, such as plough, rotary tiller, disc plough, ditcher and harvester etc. Walking Tractor Model 121 can also be used as transportation vehicle matched with trailer and as a power in the rural area for stationary work such as pumping, spraying, feed grinding, flour milling and trenching etc. Walking Tractor Model 151 is a strengthened variety model in chassis and power output based on Model 121 so that the productivity can be greatly raised.

## Main Technical Specification

| No. | Item                 | 121                        |
|-----|----------------------|----------------------------|
| 1   | Engine model         | S195G or S195GN or S195GNM |
| 2   | Rated output         | 9KW                        |
| 3   | Weight               | 360Kg                      |
| 4   | Wheelbase            | 570,1090mm                 |
| 5   | Min Ground clearance | 210mm                      |
| 6   | Overall dimensions   | 2950x980x1240mm            |
| 7   | Tyre size            | 6.00~12                    |

## Speed of Walking Tractor Model 121

| Forward |      |      |      |      |       | Reverse |      |
|---------|------|------|------|------|-------|---------|------|
| 1st     | 2nd  | 3rd  | 4th  | 5th  | 6th   | 1st     | 1nd  |
| 1.39    | 2.47 | 4.15 | 5.14 | 9.12 | 15.30 | 1.10    | 4.10 |



## WALKING TRACTOR



**201**

### Features and Usage

brand Walking tractor model 201 is designed for pulling and driving. The model cmolis features output at high and low speed, compactness and simplicity of construction, easy control and steering, light weight, rugged durability and reliability. It is suitable for working in dry and paddy field, orchard and slightly hilly land completed with driver's seat and farm implements, such as plough, rotary tiller, disc plough, ditcher and harvester etc. Walking Tractor Model 201 can also be used as transportation vehicle matched with trailer and as a power in the rural area for stationary work such as pumping, spraying, feed grinding, flour milling and trenching etc. Walking Tractor Model 201 is a strengthened variety model in chassis and power output based on Model 121 so that the productivity can be greatly raised.

### Main Technical Specification

| No. | Item                | 201                   |
|-----|---------------------|-----------------------|
| 1   | Engine model        | 2200R/MIN             |
| 2   | Rated output        | 14.7KW                |
| 3   | Weight              | 380 KGS               |
| 4   | Wheelbase           | 570, 1090 MM          |
| 5   | Min Groud clearance | 210 MM                |
| 6   | Overalldimensions   | 2950 x 1300 x 1240 MM |
| 7   | Tyre size           | 6-12                  |

### Speed of Walking Tactor Model 201

| Forward |      |      |      |      |      | Reverse |     |
|---------|------|------|------|------|------|---------|-----|
| 1st     | 2nd  | 3rd  | 4th  | 5th  | 6th  | 1st     | 1nd |
| 1.39    | 2.47 | 4.15 | 5.14 | 9.12 | 15.3 | 1.1     | 4.1 |



## WALKING TRACTOR



### Features and Usage

brand Walking Tractor Model 281 is designed for pulling and driving. The model features output at high and low speed, compactness and simplicity of construction, easy control and steering, light weight, rugged durability and reliability. It is suitable for working in dry and paddy field, orchard and slightly hilly land completed with driver's seat and farm implements, such as plough, rotary tiller, disc plough, ditcher and harvester etc. Walking Tractor Model 281 can also be used as transportation vehicle matched with trailer and as a power in the rural area for stationary work such as pumping, spraying, feed grinding, flour milling and trenching etc. Walking Tractor Model 281 is a strengthened variety model in chassis and power output based on Model 121 so that the productivity can be greatly raised.

### Main Technical Specification

| No. | Item                 | 281                   |
|-----|----------------------|-----------------------|
| 1   | Engine model         | SF28M-2               |
| 2   | Rated output         | 20KW                  |
| 3   | Weight               | 555 KGS               |
| 4   | Wheelbase            | 570, 810 MM           |
| 5   | Min Ground clearance | 210 MM                |
| 6   | Overall dimensions   | 3100 x 1380 x 1440 MM |
| 7   | Tyre size            | 6-12                  |

### Speed of Walking Tractor Model 281

| Forward |      |      |      |     |       | Reverse |      |
|---------|------|------|------|-----|-------|---------|------|
| 1st     | 2nd  | 3rd  | 4th  | 5th | 6th   | 1st     | 2nd  |
| 1.48    | 2.63 | 4.42 | 5.47 | 9.7 | 16.29 | 1.17    | 4.36 |

## WALKING TRACTOR



### Features and Usage

brand Cultivator Model 20 is characterized by small stature and light weight. It is suitable for working in dry fields completed with rotary tiller. It is widely used in vegetable fields, greenhouses and sheds.

### Main Technical Specification

| No. | Item                                       | 20                                    |
|-----|--|---------------------------------------|
| 1   | Type                                       | Double wheel drive, gear transmission |
| 2   | Rated output (kw)                          | 4.1(5.5HP)                            |
| 3   | Engine model                               | TR175B                                |
| 4   | Minimum ground clearance (mm)              | 118                                   |
| 5   | Net weight(kg)                             | 140                                   |
| 6   | Dimension (LxWxH)(mm)                      | 1566x768x950                          |
| 7   | Rubber specification                       | 4.00-8                                |
| 8   | Tilling blade rotating radius (mm)         | 167.5                                 |
| 9   | Tilling blade rotating speed               | 192                                   |
| 10  | Clutch type                                | Single-action, dry, connecting disc   |
| 11  | Production efficiency (hm <sup>2</sup> /h) | ≥0.05                                 |
| 12  | Fuel consumption (L/hm <sup>2</sup> )      | ≤14.00                                |
| 13  | Tilling width (mm)                         | 600-800                               |
| 14  | Tilling Depth (mm)                         | 80-160                                |







## 752

### Features:

1. S \_ Crawler Tractor Model 752, 902 is a farming machinery which is newly designed and developed tractor special for protective tilling in paddy field. It features compact structure and novel design. Its endless speed operation is realized with reliable hydraulic transmission technique. Their convenient steering and implement lifting can be simply operated with its only one control lever.
2. The ground clearance is increased with its triangular crawler driving system so that the tractor can pass easily from field to field against sinking and realize protective result for soil during cultivating the paddy field.
3. Many kinds of implements can be attached with the tri-points hydraulic hanging device to finish working of rotary tilling, plough, ridging, ditching, etc. easily and efficiently.





## Main Technical Specification

| No. | Item                                | Unit                 | 752                               |   |
|-----|-------------------------------------|----------------------|-----------------------------------|---|
| 1   | PTO rotating Speed                  | r/min                | 540/720                           |   |
| 2   | Dimension(L × W × H)                | mm                   | 3050x1450x2270                    |   |
| 3   | Wheel base                          | mm                   | 1100                              |   |
| 4   | Minimum ground clearance            | mm                   | 340                               |   |
| 5   | Minimum turning radium              | mm                   | 2.5                               |   |
| 6   | Track grounding length              | m                    | 1200                              |   |
| 7   | Ground pressure                     | mmm                  | 18.1                              |   |
| 8   | Net weight                          | kpa                  | 1600                              |   |
| 9   | Working efficiency                  | hm <sup>2</sup> /h   | ≥0.2                              |   |
| 10  | Fuel consumption                    | kg                   | ≤25                               |   |
| 11  | Type of hanging                     | kg/ hm <sup>2</sup>  | Class I of rear Tri-point hanging |   |
| 12  | Connecting way of engine and clutch |                      | Coupling                          |   |
| 13  | Track                               | Pitch                | mm                                | 90  |
|     |                                     | Pitch number         |                                   | 46  |
|     |                                     | Width                | mm                                | 350   |
|     |                                     | Low                  | km/h                              | 0-5.5   |
| 14  | Speed                               | Middle               | km/h                              | 0-7.5   |
|     |                                     | High                 | km/h                              | 0-11  |
|     |                                     | Type                 |                                   | Straight-line, water cooling, four-stroke, direct injection |
| 15  | Engine                              | Rated output         | kw                                | 55  |
|     |                                     | Rated rotating speed | r/min                             | 2500  |
|     |                                     | Starting method      |                                   | Electric start  |



902





## Main Technical Specification

| No. | Item                     | Unit                | 902            |
|-----|--------------------------|---------------------|----------------|
| 1   | Dimension(L × W × H)     | mm                  | 3350x1950x2710 |
| 2   | Wheel base               | mm                  | 1300           |
| 3   | Minimum ground clearance | mm                  | 495            |
| 4   | Net weight               | kpa                 | 2200           |
| 5   | Fuel consumption         | hm <sup>2</sup> /h  | ≤25            |
| 6   | Type of hanging          | kg/ hm <sup>2</sup> | Class II       |
| 7   | Pitch                    | mm                  | 90             |
|     | Pitch number             |                     | 57             |
|     | Width                    | mm                  | 400/450        |
| 8   | Speed                    | km/h                | 13.7/9.23      |
| 9   | Rated output             | kw                  | 73.5           |
|     | Rated rotating speed     | r/min               | 2500           |
|     | Starting method          |                     | Electric start |

## COMBINE HARVESTER





## COMBINE HARVESTER SERIES



1.5

### Main Technical Specification

| No. | Item   | 1.5  |
|-----|--|--|
| 1   | Rated feed capacity  | 1.5  |
| 2   | Rated cutting width  | 1360   |
| 3   | Engine output and Rotating speed   | 20KW/2200r/min   |
| 4   | Dimension(L×W×H)   | 3980×1980×1900   |
| 5   | Net weight(kg)   | 1380   |
| 6   | Ground clearance   | 200  |
| 7   | Ground pressure  | 22   |
| 8   | Production efficiency  | 0.06~0.20  |
| 9   | Track(Link distance × link quantity × caterpillar width)   | 90mm × 38links × 280mm   |
| 10  | Fuel consumption (kg/ hm <sup>2</sup> )  | ≤22  |
| 11  | Type of gear box   | Mechanical gearbox ( 3+1 ) × 2   |
| 12  | Grain collecting way   | Manual collection  |
| 13  | Features:<br>brand whole-feed combine harvesters are developed for harvesting rice and wheat. They feature many kinds of advantages. | 1. The engine is more powerful;<br>2. Even lodging crop can be harvested with its more reliably bigger reel and chain transmission;<br>3. Even tall crop can be harvested with its more reliable cutter and bigger cylinder. |
| 14  | Available option   | Large grain tank at capacity 200kgs  |

## COMBINE HARVESTER SERIES



**1.5E**

### Main Technical Specification

| No. | Item  | 1.5E   |
|-----|---|--|
| 1   | Rated feed capacity   | 1.5  |
| 2   | Rated cutting width   | 1420   |
| 3   | Engine output and Rotating speed  | 20KW/2200r/min   |
| 4   | Dimension(L×W×H)  | 3980×1880×1950   |
| 5   | Net weight(kg)  | 1500   |
| 6   | Ground clearance  | 240  |
| 7   | Ground pressure   | 19.5   |
| 8   | Production efficiency   | 0.06~0.20  |
| 9   | Track(Link distance × link quantity × caterpillar width)  | 90mm × 40links × 320mm   |
| 10  | Fuel consumption (kg/ hm <sup>2</sup> )   | ≤25  |
| 11  | Type of gear box  | Mechanical gearbox ( 3+1 ) × 2   |
| 12  | Grain collecting way  | Manual collection  |
| 13  | <p>Features:</p> <p>brand whole-feed combine harvesters are developed for harvesting rice and wheat. They feature many kinds of advantages.</p> | <ol style="list-style-type: none"> <li>1.The ground pressure is lessfor its wider rubber tracks;</li> <li>2. It can pass to another field easier with higher groud clearance;</li> <li>3. The labour force can be saved with larger grain tankat capacity 200kgs;</li> <li>4. It is more suitable for harvesting with bigger four-bar reel;</li> <li>5. The grain can be more cleaner with adjustably double sieving system;</li> <li>6. The maintenance can be done conveniently by easilyopening protective cover;</li> <li>7. The hydraulic reel is equipped on the combine harvester.</li> </ol> |



## COMBINE HARVESTER SERIES



**4.1Z**

### Main Technical Specification

| No. | Item   | 4.1Z   |
|-----|--|--|
| 1   | Rated feed capacity  | 4.1  |
| 2   | Rated cutting width  | 1980   |
| 3   | Engine output and Rotating speed   | 55KW/2400r/min   |
| 4   | Dimension(L×W×H)   | 4600×2500×3000   |
| 5   | Net weight(kg)   | 2900   |
| 6   | Ground clearance   | 290  |
| 7   | Ground pressure  | 19.5   |
| 8   | Production efficiency  | 0.2~0.4  |
| 9   | Track(Link distance × link quantity × caterpillar width)   | 90mm × 51 links × 450mm  |
| 10  | Fuel consumption (kg/ hm <sup>2</sup> )  | ≤30  |
| 11  | Type of gear box   | Mechanical gearbox +(HST)hydraulic stepless variable transmission  |
| 12  | Grain collecting way   | Automatic unloading  |
| 13  | Features:<br>brand whole-feed combine harvesters are developed for harvesting rice and wheat. They feature many kinds of advantages. | <ol style="list-style-type: none"> <li>1. The threshing system is improved with longitudinal axial threshing device;</li> <li>2. The stepless viable transmission is adopted.</li> <li>3. It can be operated easily with one control rod for steering and lifting up and down;</li> <li>4. The big grain tank is equipped with automatic unloading device;</li> <li>5. The engine is more powerful with turbocharged system;</li> <li>6. It can pass to another field easier with higher ground clearance and less ground pressure.</li> </ol> |
| 14  | Available option   | Rubber track: 90 mm × 51 inks × 500 mm   |