

Science & Technology leading the Future  
**福威重工** | 科技引领未来  
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# FUWEI FOR YOU

滑移装载机 ■ 小型装载机 ■ 挖掘装载机 ■ 移树机 ■ 小型挖掘机  
SKID STEER LOADER ■ WHEEL LOADER ■ BACKHOE LOADER ■ TREEDIGGER ■ MINI SKID STEER LOADER



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## 泰安福威重工制造有限公司

Tai'an Fuwei Heavy Machinery Manufacturing Co., Ltd.

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## 泰安福威重工制造有限公司

Tai'an Fuwei Heavy Machinery Manufacturing Co., Ltd.



滑移装载机

## SKID STEER LOADER

企业使命：提供更优方案持续创造共同价值

Enterprise Mission: Provide better solution; continue to create the common value.

经营理念：创卓越品牌守永恒诚信

我们珍惜企业的现在，我们更期望于企业的未来

Operation Philosophy: Create excellent brand, guard eternal sincerity; cherish the present, except the future.

人才理念：卓越员工造就卓越公司，辉煌事业成就辉煌人生，企业和员工从来就是相互依存的，我们追求的不仅仅是依存，而是共同的成就和辉煌

Talent Philosophy: Outstanding staff creates excellent company, brilliant career achieves brilliant life. Enterprises and employees have always been interdependent; we pursue not only the dependence, but the common achievement and success.

行为理念：勤奋、进取、诚朴、团结、自信

我们注重细节、追求完美、完美的细节才能铸就完美的人生

Behavior Concept: Diligence, progressive, honest, unity, confidence; we focus on the detail, pursue perfection; perfect details can make a perfect life.

质量方针：品质至上、安全可靠、顾客满意、持续发展

Quality Policy: Quality first, safety and reliability, customer satisfaction, sustainable development.

发展方向：科技引领发展品质造就未来

Development Direction: Science and technology lead to development, quality creates the future.

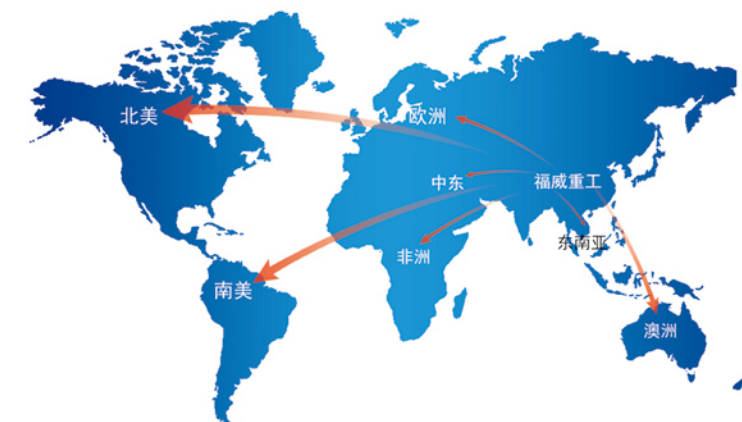
企业文化：奋发、向上、和谐、互助、友爱、拼搏

Enterprise Culture: Energetic, upward, harmony, interdependent, friendly, hard-fought.



SKID STEER LOADER  
WHEEL LOADER  
BACKHOE LOADER  
TREEDIGGER  
MINI SKID STEER LOADER

滑移装载机  
小型装载机  
挖掘装载机  
移树机  
小型挖掘机



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福威产品已远销八十多个国家和地区，获得国内外客户的一致认可，短短几年时间福威已经成为中国滑移的领军品牌，在世界舞台上也有了举足轻重的地位，我们会一直努力下去，创造一个又一个奇迹！

Products of Fuwei have been exported to more than eighty countries and regions, gain the domestic and foreign customers consistent recognition. With a few years, Fuwei has been the leading brand in the loader market, even counts for much in the world. We will have been always making great efforts and creating more and more miracles!

## 关于福威

## ABOUT US



泰安福威重工制造有限公司位于五岳独尊的泰山脚下，座落在山东省泰安市泰山工业园区中。公司北依泰山，南望曲阜，紧邻济南国际机场、京沪高铁、京福高速公路、京沪高速公路，通讯发达，交通便利。

泰安福威重工制造有限公司专业生产滑移装载机、小型轮式装载机、挖掘装载机、移树机等中小型工程机械设备，是目前国内专业的集研发、制造和销售为一体的中小型工程机械生产商。先进的设计、卓越的品质、完善的服务，通过了产品质量管理体系认证，确保产品达到国际先进水平，产品远销欧美、澳洲、俄罗斯、中东等多个国家和地区。

我们始终秉承“诚信为本，合作多赢，质量第一，服务至上”的企业理念，坚持以“科技引领发展、品质铸就未来”为发展方向，公司愿意以优质的产品、优良的服务与您共创美好的未来！

Tai'an Fuwei Heavy Machinery Manufacturing Co., Ltd. is located at the foot of the well-known Mount Tai, located in the Taishan industrial park, Tai'an, Shandong Province. With Mount Tai in the north and Qufu city in the south, it enjoys convenient transportation and can be assessable by the International Airport of Jinan and the High-speed train of Being-Shanghai.

Tai'an Fuwei Heavy Machinery Manufacturing Co., Ltd. specializes in production of Skid Steer Loader, Mini Wheel Loader, Backhoe Loader, Treedigger and other small and medium construction equipments, is a middle and small scale construction machinery manufacturer integrating with its own R&D, manufacture and marketing. All products are certified by ISO9001, ISO14001, ISO/TS16949, OHSAS18001, CE, ROPS/FOPS. Advanced design, excellent quality, perfect service and advanced level make products export to more nations and regions, such as Europe and America, Australia, Russia, the Middle East.

We will always adhere to the enterprise concept of "Openness basing on sincerity, Win-win cooperation, Quality first, Service upmost" and the direction of "Science and technology lead development, quality molds the future". The company is willing to create a better future with you with high quality and excellent service.



## 系列产品 PRODUCT RANGE

### ■ 滑移装载机

滑移装载机是全球最受欢迎的小型工程机械之一，依靠其灵活的转向，小巧的机身，以及可更换的多功能属具，能轻松完成各种综合性的施工需求。

Skid Steer Loader is one of the most popular small construction machinery in the world. Relying on its flexible steering, compact body and replaceable multi-functional tools, it can finish all kinds of comprehensive construction demand easily.



### ■ 滑移装载机属具 Attachments of Skid Steer Loader



## 滑移装载机 专刊

SPECIAL ISSUE OF SKID STEER LOADER

### ► 系列型号 Series Model

WS50 / WS60 / WS65 / WS75 / WS85 / WS100



### ► 功能多,性价比高 Multi-Function, High Cost Performance

福威重工全新一代高性能滑移装载机已正式投产，无论从产品外观造型、举升高度、举重、操作舒适度等都是国内最顶尖的。机器操作简单、更换辅具和维修保养方便，广泛应用在不同领域，特别在市政工程上，那是其大展身手的舞台。与其匹配的辅具有几十种，可根据不同的工作环境和施工要求选择与之匹配的辅具来完成施工项目，让您的工作变得更轻松简单。



SKID STEER LOADER



New and high-performance Skid Steer Loader has been formally put into production, is the domestic top-notch loader, no matter from the appearance of products, heightlifting, weightlifting and comfort.—no matter from the appearance of products, heightlifting, weightlifting to comfort. Owing to its easy operation, convenient maintenance and wide applications, the loader has been stage for the use of engineering work especially municipal engineering. There are dozens of kinds of matching assistive devices, in order to make work relax and easy, you can select the matching device according to different working environment and requirements of construction.

福威滑移装载机强劲的动力、  
完美的液压系统和坚固耐用的结构件

Strong driving force & Perfect hydraulic system &  
Durable structure parts



**福威滑移装载机的维护和保养** Maintenance for Skid Steer Loader

福威滑移装载机的维护保养是十分便捷的。只要打开后尾罩、上罩，掀起驾驶室，您就能完成包括发动机在内的所有检查及填注工作，并能维护过滤器及电瓶。与其它品牌的滑移装载机不同，福威滑移装载机在维护和保养时无需提升起动臂，这样您就可以有效的利用维护的时间，而非浪费在打开并接近维护和保养点上。

Maintenance is more convenient. As long as open the back cover and the upper cover and lift the cab, you can complete all inspection and filling work, including the engine. Another advantage is maintaining the filter and the battery. Different from other brands, no need to raise the actuating arm in maintenance, so that you can effective use of maintenance time, rather than waste in opening and closing to maintenance the maintenance point.

英国帕金斯发动机  
福威滑移装载机采用帕金斯发动机，并与帕金斯发动机制造商成长年的合作关系，确保您的机器能胜任各种工作环境。

Fuwe Skid Steer Loader adopts Perkins engine and establish long-term partnership with Perkins engine manufacturers to ensure that your machine is capable of working in a variety of environments.



三菱 Mitsubisht   帕金斯 Perkins   久保田 Kubota   新柴 Xinchai



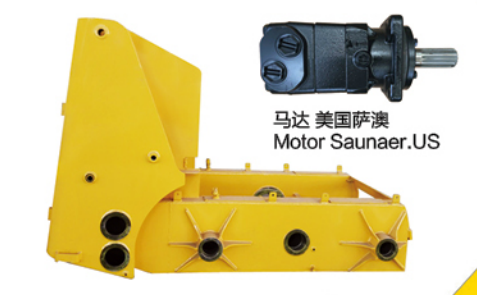
意大利海德 HYDE  
先导手柄 Pilot Handle

德国博世力士乐  
Germany BOSCH REXROTH  
串联泵 Tandem Pump

美国萨澳  
US. SAUER DANFOSS  
串联泵 Tandem Pump

意大利海德 Italy HYDE  
工作阀 Operating Valve

平衡阀 H.C意大利  
Leveling Valve



马达 美国萨澳  
Motor Saunaer.US

美国珀姆克 US.PERMCO  
齿轮泵 Gear Pump

法国波克兰 France. POCLAN  
液压马达 Hydraulic Motor

美国萨澳  
US.SAUER DANFOSS  
工作阀 Operating Valve

**坚固耐用的结构件**

福威滑移装载机所有结构件均为自行研发、设计、制造，其外形美观且耐用，液压油箱、燃油箱与底盘融为一体，在结构上使机器性能充分最大化，达到工作臂与机身的完美结合。

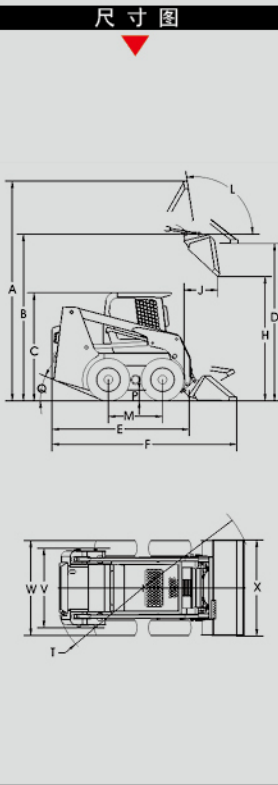
**Durable structure parts**

All structural parts are with our own R&D, design and manufacturing by ourselves, which are beautiful and durable. Hydraulic oil tank, fuel tank and chassis bleed into one, which maximizes the performance of the machine and makes the working arm and body to achieve the perfect combination.

WS50 / WS65 / WS75 / WS85 / WS100

| 参数 Parameter                     |                                                         | 单位 Unit | WS50                              | WS65                            | WS75                    | WS85                    | WS100                   |
|----------------------------------|---------------------------------------------------------|---------|-----------------------------------|---------------------------------|-------------------------|-------------------------|-------------------------|
| 额定载荷 Rated load                  |                                                         | kg      | 750                               | 900                             | 950                     | 1050                    | 1210                    |
| 倾覆载荷 Tipping load                |                                                         | kg      | 1500                              | 1800                            | 1900                    | 2020<br>2100            | 2420                    |
| 操作重量 Operating weight            |                                                         | kg      | 3003                              | 3420                            | 3300                    | 3550<br>3770            | 4300                    |
| 发动机<br>ENGINE                    | 型号<br>Model                                             |         | Perkins<br>Kubota<br>Xinchai      | Mitsubisht<br>Kubota<br>xinchai | Mitsubisht              | Mitsubisht<br>Deutz     | Mitsubisht              |
|                                  | 输出功率<br>Output power                                    | Hp/kw   | 47.8/35.7<br>49.5/36.5<br>50/36.8 | 63/47<br>67.7/49.8<br>61/45     | 74.8/55                 | 83.1/62<br>81.6/60      | 83.1/62                 |
|                                  | 转速 Rated speed                                          | rpm     | 2600<br>2600<br>2650              | 2500<br>2600<br>2600            | 2500                    | 2500<br>2300            | 2500                    |
|                                  | 冷却 Cooling                                              |         | 水冷 Water                          | 水冷 Water                        | 水冷 Water                | 水冷 Water                | 水冷 Water                |
|                                  | 操纵方式<br>Operating mode                                  |         | 液控<br>Hydraulic control           | 液控<br>Hydraulic control         | 液控<br>Hydraulic control | 液控<br>Hydraulic control | 液控<br>Hydraulic control |
| 性能参数<br>PERFORMANCE<br>PARAMETER | 轮胎标准<br>Tire standard                                   |         | 10.0-16.5                         | 10.0-16.5                       | 10.0-16.5<br>12.0-16.5  | 12.0-16.5               | 12.0-16.5               |
|                                  | 最大速度<br>Max. Speed                                      | Km/h    | 12<br>12                          | 12<br>13                        | 12<br>13                | 12.4<br>11.6            | 11.3                    |
|                                  |                                                         |         |                                   |                                 |                         |                         |                         |
| 液压系统<br>HYDRAULIC<br>SYSTEM      | 工作液压流量 Loader pump flow                                 | L/min   | 65                                | 82                              | 82                      | 82<br>75                | 110                     |
|                                  | 工作液压压力 Loader pressure                                  | bar     | 180                               | 200                             | 200                     | 200                     | 200                     |
| A                                | 最大操作高度 Overall operating height                         | mm      | 4058                              | 4270                            | 4270                    | 4295                    | 4383                    |
| B                                | 铲斗铰接销高度 Bucket hinge pin height                         | mm      | 3077                              | 3265                            | 3269                    | 3290                    | 3321                    |
| C                                | 驾驶室顶部高度 Height to cab top                               | mm      | 2007                              | 2007                            | 2007                    | 2023                    | 2031                    |
| D                                | 铲斗底部最大水平高度<br>Max. level height of shovel bucket bottom | mm      | 2908                              | 3090                            | 3090                    | 3116                    | 3167                    |
| E                                | 不带铲斗长度 Length w/o bucket                                | mm      | 2700                              | 2710                            | 2710                    | 2889                    | 2957                    |
| F                                | 带铲斗长度 Length with bucket                                | mm      | 3413                              | 3433                            | 3498                    | 3688                    | 3821                    |
| H                                | 最大卸载高度 Max. dump height                                 | mm      | 2303                              | 2551                            | 2551                    | 2543                    | 2547                    |
| J                                | 卸载距离 Dump distance                                      | mm      | 675                               | 603                             | 603                     | 652                     | 720                     |
| M                                | 轴距 Wheel base                                           | mm      | 999                               | 1020                            | 1050                    | 1179                    | 1258                    |
| Q                                | 离去角 Departure angle                                     |         | 23°                               | 22°                             | 22°                     | 24°                     | 24°                     |
| P                                | 离地间隙 Ground clearance                                   | mm      | 185                               | 185                             | 185                     | 202                     | 195                     |
| W                                | 轮胎边缘宽度 Width-tires edge                                 | mm      | 1740                              | 1740                            | 1740                    | 1817                    | 1918                    |
| X                                | 铲斗边缘宽度 Width-bucket edge                                | mm      | 1780                              | 1800                            | 1800                    | 1880                    | 1970                    |
|                                  | 铲斗容量 Bucket capacity                                    | m³      | 0.35                              | 0.41                            | 0.52                    | 0.52                    | 0.56                    |
|                                  | 柴油箱容量 Fuel tank capacity                                | L       | 88                                | 88                              | 88                      | 88                      | 108                     |
|                                  | 液压油箱容量 Hydraulic tank capacity                          | L       | 70                                | 70                              | 70                      | 70                      | 85                      |

SKID STEER LOADER



挖掘装载机 专刊

SPECIAL ISSUE OF BACKHOE LOADER

Series Model  
系列型号 WB65 | WB85 | WB100

挖掘装载机采用四轮驱动，全液压先导控制，具有操作灵活、舒适、性能稳定等特点，广泛适用于建筑施工道路维护、农田建设、砖窑取土、管道铺设、电缆铺设、园林绿化及路面开凿等作业。

Backhoe Loader adopts four-wheel drive and full hydraulic pilot control, has characteristics of flexible operation, comfort and stable performance, widely used in road maintenance, farmland construction, soil brick kilns, pipeline laying, cable laying, landscaping and road dug and so on.



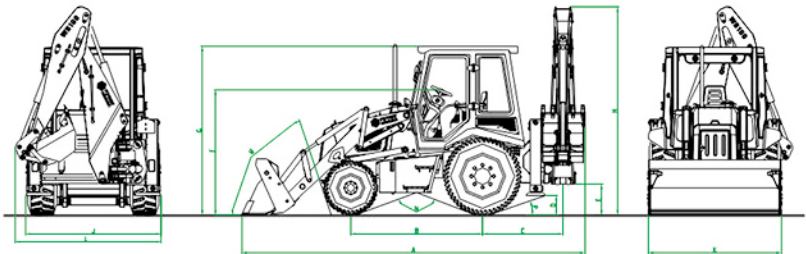
BACKHOE LOADER



挖掘装载机主要数据 Main Data of Backhoe Loader

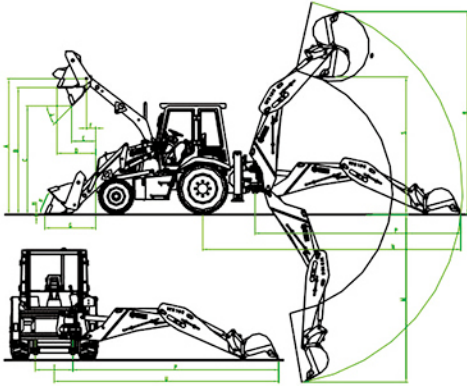
工作重量：通用装载斗 + 标准挖掘斗杆（含 0.25M 挖斗）- 总量为 8100Kg  
Work Weight: Utility loader bucket + Standard bucket rod (including 0.25 M bucket) – Total 8100kg  
工作重量：通用装载斗 + 延伸挖掘斗杆（含 0.25M 挖斗）- 总量为 8700Kg  
Work Weight: Utility loader bucket + Extended bucket rod (including 0.25 M bucket) – Total 8700kg

| 发动机 Engine                        |                                     | 工作性能（装载端）Work Performance (Loading End)            |                                         |
|-----------------------------------|-------------------------------------|----------------------------------------------------|-----------------------------------------|
| 型号 Model                          | PerKins 1104D-44T                   | 装载臂掘起力 Loading Movable Boom Breakout Force         | 55KN                                    |
| 类型 Type                           | 四冲程、涡轮增压<br>Four-Stroke Turbo Boost | 装载斗掘起力 Loading Bucket Breakout Force               | 68KN                                    |
| 缸数 Number of Cylinder             | 4                                   | 最大高度时提升载荷 Lifting Load at Max. Height              | 3600Kg                                  |
| 缸径 / 冲程 Cylinder Diameter/ Travel | 105X127 MM                          | 地面收斗角 Ground Bucket Retracting Angle               | 47°                                     |
| 排气量 Displacement                  | 4.4 L                               | 装载最大卸料高度 Max. Height of Dump                       | 2.79M                                   |
| 功率 Power(KW/hp)                   | 74.5/101.32                         | 装载最大卸料距离 Max. Distance of Dump                     | 0.72M                                   |
| 额定转速 Rated Speed(rpm)             | 2200                                | 卸载角度 Dump Angle                                    | 45°                                     |
| 最大扭矩 Max. Torque(NM)              | 400NM/1400rpm                       | 通用装载斗容积 Utility Loading Bucket Volume              | 1.0M³                                   |
| 排放标准符合 Emission standard          | Stage III A/Tier3                   | 四合一装载斗容积 Four in One Loaded Bucket Volume          | 1.0M³                                   |
| 风扇规格 Fan Specification            | 6 叶片 抽风式<br>6 Vane Induced-draught  | 工作性能（挖掘端）Work Performance (Mining End)             |                                         |
| 直径 Diameter                       | 540mm                               | 铲斗油缸挖掘力 Digging Force of Bucket Cylinder           | 67KN                                    |
| 速比 Speed Ratio                    | 1.25 : 1                            | 斗杆油缸挖掘力 Digging Force of Arm Cylinder              | 45KN                                    |
| 行驶速度 Running Speed (km/h)         |                                     | 挖掘回转角度 Turning Angle                               | L/R 180°                                |
| 档位 Gear                           | 前进 Forward 后退 Back                  | 挖掘最大卸料高度 Max. Dump Height                          | 支腿伸出 4.03M<br>Distance of Leg Out 4.03M |
| I 档 I                             | 5.8 5.8                             | 最大挖掘距离（延伸） Max. Digging Distance (extended)        | 5.32M (6.47M)                           |
| II 档 II                           | 10.5 10.5                           | 最大挖掘深度（延伸） Max. Digging Depth (extended)           | 4.34M (5.56M)                           |
| III 档 III                         | 20.1 20.1                           | 挖掘装置侧移最大距离 Max. Lateral Distance of Digging Device | 1.0M                                    |
| IV 档 IV                           | 40.2 40.2                           | 反铲挖斗容积 Backhoe Bucket Volume                       | 0.25M³/0.43M³                           |



静态尺寸 Static Dimension

| 机器型号 Machine Model                                          | WB100 | WB100 | 机器型号 Machine Model                        | WB100 |
|-------------------------------------------------------------|-------|-------|-------------------------------------------|-------|
| A 行驶状态总长 Total length of driving state (m)                  | 5.80  |       | J 后机架高度 Rear rack height (m)              | 2.27  |
| B 轴距 Wheelbase (m)                                          | 2.23  |       | K 斗宽 Bucket width (m)                     | 2.26  |
| C 回转中心到后轴轴心距离 Distance of rotor center to rear axle axis(m) | 1.36  |       | L 行驶状态总宽 Total width of driving state (m) | 2.46  |
| D 稳定支腿离地高度 Ground clearance of stable leg height(m)         | 0.33  |       | M 接近角 Approach angle                      | 71°   |
| E 回转体离地高度 Ground clearance of rotating body (m)             | 0.52  |       | N 干涉角 Interference angle                  | 139°  |
| F 方向盘中心高度 Height of steering wheel center (m)               | 1.95  |       | P 离去角 Departure angle                     | 20°   |
| G 驾驶室中心高度 Height of cab roof (m)                            | 2.65  |       |                                           |       |
| H 行驶状态总高 Total height of driving state (m)                  | 3.52  |       |                                           |       |



BACKHOE LOADER

尺寸图

## ■小型装载机 WHEEL LOADER WL25 / WL35 / WL50

小型装载机目前已销往德国、澳大利亚、瑞典、智利等国家，由于其外形美观，转向灵活，机身瘦长，能在更狭小区域内施工，并配备各种不同的附件，完成不同的工作需要，非常适合欧洲市场。

Wheel Loader has been exported to Germany, Australia, Sweden, Chile and other countries. Owing to beautiful appearance, flexible steering and slender body, it can construct in small places and finish all kinds of comprehensive construction demand easily with different accessories, which is very suitable for the European market.



## ■挖掘装载机 BACKHOE LOADER WB65 / WB85 / WB100

挖掘装载机已销往俄罗斯、伊朗、马来西亚、泰国等多个国家，采用四轮驱动，全液压先导控制，拥有操作灵活、舒适、性能稳定等特点，广泛适用于建筑施工道路维护，农田建设，砖窑取土，管道铺设，电缆建设，园林绿化及路面开凿等作业。

Backhoe Loader has been exported to Malaysia, Thailand, Russia, Iran and other countries. It adopts four-wheel drive and full hydraulic pilot control, has characteristics of flexible operation, comfort and stable performance, widely used in road maintenance, construction of farmland, soil brick kilns, pipeline laying, cable laying, landscaping, road dug and so on.



## ■苗木移植机 TREEDIGGER 2ZYFW-1080

苗木移植机挖掘一颗根部泥球直径为 1 米的树用时 1-3 分钟。切口锋利，切根与挖掘可同时进行，保证了切面完好和对根部最少的损坏。即使是枫树、香樟等有粗大的根系也可以简单切断，泥球表面光滑不毛，完整的泥球有助于提高移植后的成活率。随着经济飞速发展，人力成本越来越高，在特定工作环境下施工的小型挖掘机的需求不断增多。福威苗木移植机配备挖掘、破碎等可更换的辅具，一机多功能，可在不同环境下工作，大大提高了利用价值，提高工作效率的同时也节省了人力成本。

Treedigger digs a tree which ball diameter of root mud is 1 meter with 1-3 minutes. Sharp notch and cutting and mining can be done simultaneously to ensure the integrity and the least damage of the root. Even the maple and the camphor tree with large root can also be cut off, surface of mud ball is smooth and barren, the complete mud ball contributes to improving survival rate. With the rapid development of economy, the labor cost is higher and higher, the demand for mini excavators in the construction of a specific working environment is increasing.

Fuwee Treedigger equips with different replaceable assistive devices, such as mining and breaking, which has multiple functions and works in different environment, it could greatly improve the utilization value, work efficiency and labor cost.



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## ■工作现场进行服务及培训

Service and training on the job site.