

Gasoline Powered Rotary Tiller

This gasoline powered tiller is designed for efficient soil preparation in gardens and small agricultural plots. It features adjustable depth control, transport wheels and handlebar controls.



ADDITIONAL IMAGES



Overview

Professional Grade Rotary Tiller

This high-performance rotary tiller is engineered for efficient soil preparation in small to medium agricultural plots and gardens. It features a robust diesel engine and a versatile gear-driven transmission system to ensure deep tillage and consistent performance. With ergonomic handlebar adjustments and high-capacity blade arrays, it offers the maneuverability and power required for demanding cultivation tasks.

Engine and Power

Specification model 规格型号		1WG-6.3
Structure type 结构形式		Front/direct connection 前置/直联
Matching engine 配套发动机	Model Name 型号名称	186FA diesel engine 186FA柴油机
	Structure type 结构形式	Single cylinder vertical four-stroke air-cooled direct injection 单缸立式四冲程风冷直喷
	Rated power 额定功率	6.3 KW
	Rated speed 额定转速	3600 r/min
	Starting method 启动方式	Recoil pull start 反冲式手拉启动

Detailed engine configuration and power specifications.

Engine Specifications

6.3 kW

Rated Power

3600 r/min

Rated Speed

Engine Configuration

186FA Diesel, Single Cylinder, Four-stroke, Air-cooled, Direct Injection, Recoil Start

Performance

Rotary knife model 旋耕刀型号	IS 195
Main clutch form 主离合器形式	Friction plate 摩擦片
Farming width 耕宽	1190mm
Deep tillage 耕深	≥100 mm
Operating speed 作业速度	0.1-0.3m/s
Operating hour productivity 作业小时生产率	≥0.1 hm ² /h
Fuel consumption per unit work area 单位作业面积燃油消耗量	≤12 Kg/hm ²

Key tillage width, depth, and fuel efficiency metrics.

Tillage Performance

Metric	Value
Farming Width	1190 mm
Deep Tillage	≥100mm
Operating Speed	0.1 - 0.3 m/s
Productivity	≥0.1hm ² /h
Fuel Consumption	≤12kg/hm ²

Mechanical and Design

Dimensions 外形尺寸	1700*1130*950mm	
Structural quality 结构质量	129 kg	
Transfer method 传动方式	Gear 齿轮	
Connection method 联接方式	Direct linked 直联联接	
Handle adjustment range 把手调节幅度	Horizontal direction 水平方向	12level ±180°
	Vertical direction 垂直方向	Sleivel 25°
Knife roll 刀辊	Design speed 设计转速	low 83r/min high 145r/min
	Maximum turning radius 最大回转半径	195 mm
	Total number of blades installed 总安装刀数	32 pieces

Structural dimensions, blade count, and transmission design details.

Blade and Gear Specs

- Rotary knife model: IS 195
- Total blades: 32 pieces
- Gear transfer method
- Direct-linked connection
- Low knife speed: 83 r/min
- High knife speed: 145 r/min

Physical Dimensions

1700 x 1130 x 950 mm (129 kg)