**山东华盛中天工程机械有限责任公司**

**1WG1.5-40 Mini Tiller**

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| 型号名称 Model | 1WG1.5-40微型耕耘机 Mini Tiller 1WG1.5-40 |
| 结构型式 Structural type | 前置式 Front Tine tiller |
| 发动型号名称 Engine Type | 144F-1型汽油机 gasoline engine 144F-1 |
| 发动生产企业 Engine Manufacturer | 山东华盛中天工程机械有限责任公司  Shandong Huasheng Zhongtian Engineering Machinery Co.,Ltd |
| 发动标定功率kW Rated Power(kW) | 1.5 |
| 发动标定转速r/min  Rated speed(r/min) | 6800 |
| 发动起动方式Starting method | 反冲启动Recoil Starter |
| 发动燃油种类Fuel type | 92#及以上汽油 gasoline 92# and above grade |
| 整机外形尺寸（长×宽×高）mm Dimension(length×width×height) | 1290×470×830 |
| 作业速度m/s operating speed | 0.15～0.25 |
| 扶把振动 m/s2  Vibration of the handlebar | ≤15 |
| 作业小时生产率hm2/(h·m)  Operating productivity | 0.06-0.10 |
| 单位作业面积燃油消耗量kg/hm2  Fuel Consumption of the unit operating area | 15-28 |
| 工作幅宽mm working width | 400 |
| 发动机输出传动方式  driving mode | 离合式传动clutch |
| 刀辊输出传动方式  Knife roll driving mode | 齿轮传动 gear |
| 扶把调整幅度（垂直方向）adjustment range of the handlebar(vertical direction) | 40° |
| 刀辊设计转速r/min Designed speed of the knife roll | 230 |
| 刀辊最大回转半径mm Max turning radius of the knife roll | 140 |
| 刀辊总安装刀数Total number of knives on the knife roll | 16 |
| 旋耕刀型号 Rotary blade type | RT140 |
| 主离合器型式 Main clutch type | 离心式摩擦片Centrifugal friction plate |
| 主离合器状态 Main clutch status | 常开normally open |

**Product characteristics：**

1. Compact structure, light weight and easy to carry.
2. Easy operation, diversified function and strong adaptability.
3. High-powered, low fuel consumption, reliable competence, simple but durable, convenient maintenance.
4. Two-stage reduction, high-strength alloy gearbox, more stable, longer durability.
5. Applicable to different ground conditions, with disassembled walking wheels, efficient and fast.
6. No gear operation, normal- open clutch, stop immediately after release, with higher safety.
7. Handlebar height adjustable, applicable to different operators.