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Kubota

# M

## KUBOTA DIESEL TRACTOR M6H-101 High Clearance

A clean running engine with more power, exceptional maneuverability and high clearance.

**The M6H-101 tractor is engineered with high clearance and more speeds to enhance performance in planting, spraying and harvesting applications.**

### Technology Driven Engine Features

The M6H-101 High Clearance is equipped with a Kubota turbocharged V3800 Tier IV Final engine which has a Common Rail System (CRS), intercooler and Exhaust Gas Recirculation (EGR). Employment of a Diesel Particulate Filter (DPF) and a Selective Catalytic Reduction (SCR) system for minimized emissions. Additionally, it also has a RPM Memory to recall preferred engine RPM settings with the touch of a button and Constant RPM Management to keep the engine speed constant for stable operation.

### Horse Power

Engine gross power (97/68EC): 104.4 HP  
PTO power at rated engine RPM: 84.0 HP

### Weight

The M6H has gained additional weight from the previous model, weighing 8157 lbs. With its weight and stability, it can now handle more tasks with its best performance.

### Dimensions



Note: Dimensions taken with standard tires, but shown here with optional tires.

### 24 Speed Swing Shift Transmission

The M6H High Clearance has 4 gears on main shift, High/Low/Creep (standard) on range gear shift and a Swing Shift. Swing Shift adds 4 more speeds to the main shift by actuating the electric-over-hydraulic High/Low synchronized range shift-giving you access to a total of 8 speeds. Therefore, M6H-101 has access to a total of 24 speeds.

### Hydraulic Shuttle Shift

Mounted to the left of the steering column, the shuttle lever's fingertip control makes it possible to shift smoothly from forward to reverse without using the clutch or stopping the tractor.

### De-Clutch Switch on the Main Shift Lever

The de-clutch switch allows you to shift a gear without using the clutch pedal. This switch electro-hydraulically disengages

the clutch while being pressed and once released, the clutch is reengaged.

### High Hydraulic Performance

The M6H-101 comes with 2 standard rear remote valves and can add an additional valve. Standard valves are one self-cancelling detent valve and one floating detent valve. With 17.6 GPM flow and an optional third remote valve, this tractor is ready to accept implements requiring multiple valves.

### Other Features

- Steering tilt angle up to 40 degrees
- Fuel tank capacity of 46 gallons (175L)
- Easier to refill fuel and DEF by locating the filler neck on the lefthand side
- Large LCD monitor for improved visibility and operation
- Water separator/Air cleaner warning
- Redesigned floor layout to ensure leg space and improved ride comfort



# Specifications

| Model  |                 | M6H-101   |
|--|-----------------|---|
| Wheel drive                                      |                 | SHDRC   |
| Engine   |                 | 4WD   |
| Type (make: Kubota)                              |                 | V3800-TIEF4-Direct Injection, Water-cooled 4 Cycle Diesel, Common Rail System, Turbocharger, Intercooler, DPF, DOC, SCR |
| Cylinders and displacement                       | cu. in. (cc)    | 4-cylinder, 230 (3769)  |
| Engine gross power (97/68EC)                     | HP (kW)         | 104.4 (77.9)  |
| PTO power (at rated RPM)                         | HP (kW)         | 84.0 (62.6)   |
| Alternator                                       | Amp             | 80  |
| Rated engine speed                               | rpm             | 2600  |
| Fuel tank capacity                               | gal. (ℓ)        | 46 (175)  |
| Transmission                                     |                 |   |
| No. of speeds                                    | Standard        | F24 / R24 (with creep)  |
| Traveling speed                                  | mi/h (km/h)     | 0.11 – 16.37 (0.18 – 26.34)   |
| Shuttle  |                 | Electro-hydraulic   |
| Clutch   |                 | Hydraulic Wet Clutch  |
| Rear wheel brake                                 |                 | Hydraulic Wet Disk Type   |
| Mechanical differential lock                     |                 | Front / Rear  |
| PTO  |                 |   |
| Clutch   |                 | Hydraulic Wet Clutch  |
| Revolution                                       | rpm             | 540 (540/1000 option)   |
| Hydraulics                                       |                 |   |
| Type   |                 | Open-Center   |
| Draft control                                    |                 | Top Link Draft Sensing  |
| Lift capacity at 24 in. behind lift point (OECD) | lbs. (kg)       | 3858 (1750), 5732 (2600) with 2 assist cylinders (option)   |
| Lower link                                       |                 | Telescopic  |
| Category   |                 | II  |
| Rear remotes                                     |                 | 2 standard (3rd & flow control valve optional)  |
| Pump output (remote)                             | gal/min (ℓ/min) | 17.6 (66.6)   |
| Exterior   |                 |   |
| Hood   |                 | Full-open   |
| Dimensions                                       |                 |   |
| Wheel base                                       | in. (mm)        | 95.3 (2420)   |
| Minimum ground clearance*                        | in. (mm)        | 25.8 (655)  |
| Tread*   | Front           | in. (mm) 61.6, 65.6, 72.0, 75.8, 79.7 (1565, 1665, 1830, 1925, 2025)  |
|  | rear            | in. (mm) 60.8, 64.8, 73.4, 77.2, 81.1 (1545, 1645, 1865, 1960, 2060)  |
| Overall length                                   | in. (mm)        | 168.3 (4275)  |
| Overall height (ROPS unfolded)                   | in. (mm)        | 111.6 (2835)  |
| Overall width                                    | in. (mm)        | 79.9 (2030)   |
| Weight   | lbs. (kg)       | 8157 (3700)   |
| Turning radius w/o brake                         | ft. (m)         | 21.0 (6.4)  |
| Standard tires                                   | Front           | 13.6-38   |
|  | rear            | 13.6-38 (steel)   |

\* When standard tires are equipped

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