Capability without complexity

The established strengths and capabilities of the 6M Series have written their own success story. The next chapter starts here, with increased power density and more comfort and convenience. Our new “top of the line” model is the 6195M with rated power of 195 hp (143 kW) (97/68 EC).

This new 6M is, of course, built upon John Deere’s renowned full frame design, providing the highest structural integrity and lower vibration levels. The hydraulic system has been upgraded to provide the highest lift capacity required for bigger and heavier implements. Good news for your productivity.

SIX MODELS, THREE WHEELBASES

- **2,580**
  - Compact, light and agile
  - 6110M, 6125M

- **2,765**
  - Versatile, efficient and powerful
  - 6140M, 6155M

- **2,800**
  - Heavy-duty workhorse
  - 6175M, 6195M

- **6195M**
  - New 6M flagship

- **Integrated solutions**
  - AutoTrac and ISOBUS for all models

- **Comfort**
  - TLS front axle suspension
  - Mechanical cab suspension
Superb hydraulics
Pressure and flow-compensated hydraulic system
Up to 4 rear SCVs
Integrated economy front hitch
Loader ready
Front loader ready package ex-factory
New R Series front loaders
New electronic joystick

Durability
PermaClutch 2

Loader ready
Front loader ready package ex-factory
New R Series front loaders
New electronic joystick

Strong backbone
Unique full steel frame chassis

Widest transmission portfolio
PowrQuad Plus
Semi-automatic AutoQuad Plus
Semi-automatic AutoQuad Plus EcoShift
New CommandQuad Plus
New CommandQuad Plus EcoShift

R-SERIES LOADERS  |  623R |  643R |  663R
----- | ----- | ----- | -----
6110M, 6125M | • | • | |
6140M, 6155M | • | • | •
6175M, 6195M | • | • | •

PERFORMANCE
• Light but powerful with excellent power density
• More power and torque to the ground
• Easy to use tractor with simple controls
• Comfortable workstation design with simple easy reach controls
• Great stability for loader applications
• GreenStar™ ready for top quality guidance

UPTIME
• Easy serviceability with easy reach access points save time with daily maintenance and periodic service
• High quality components ensure less breakdowns in hard weather conditions
• Smooth clutch modulation for long life expectancy
• Full frame design for higher payload capacity and less component damages while working in field

COST OF OPERATION
• Efficient transmissions ensure optimum power delivery at reduced fuel consumption
• ECO Transmissions reduce engine speed by 300 rpm in transport applications for better economy
• Lower service cost with stretched service intervals*

* Only when serviced with John Deere Plus-50 II engine oil and low sulphur content fuels
**SPECIFICATIONS 6M SERIES TRACTORS**

**MODEL**
- 6110M Cab
- 6125M Cab
- 6140M Cab
- 6155M Cab
- 6175M Cab
- 6195M Cab

### ENGINE PERFORMANCE
- **Rated power**: 97/98EC, hp (kW)
- **Max. power**: 97/98EC hp (kW)

### Torque
- **Constant power range, rpm**: 2 100 – 1 600
- **Torque reserve, %**: 35
- **Maximum torque, Nm (at 1 500 engine rpm)**: 497 522 632 700 790 880
- **Rated speed, rpm**: 2 100

### PowerTech E
- **Power output**: 100
- **Engine rpm**: 1 987/2 000
- **Max. power**: 18 (121)
- **Max. torque**: 8 500
- **Fuels**: 9 150

### 6-cylinder – 6.8 L
- **Power output**: 164 (121)
- **Engine rpm**: 1 800/2 350
- **Max. power**: 3 950/5 300
- **Max. torque**: 1 967/1 962

### Mechanical cab suspension (MCS)
- **Front hitch**: controlled by rear SCV
- **Cab**: 310° all-round vision, telescoping and tiltable steering column/steer

### Fuel injection system and control
- **Fuel injection system and control**: High pressure common rail system with up to 1 500 bar injection pressure, electronically controlled

### Transmissions
- **PowerReverser**: 16/16 2.4 – 30 km/h
- **PowerQuad Plus**: 16/16 2.4 – 30 km/h
- **AutoQuad Plus**: 16/16 2.2 – 38 km/h
- **CommandQuad Plus**: 24/24 1.4 – 40 km/h
- **CommandQuad Plus EcoShift**: 24/24 1.4 – 40 km/h
- **AutoQuad Plus EcoShift**: 24/24 1.4 – 40 km/h
- **AutoQuad Plus**: 24/24 1.4  – 40 km/h
- **PowrReverser, PowrQuad Plus, AutoQuad Plus and AutoQuad Plus EcoShift**: 24/24 1.4 – 40 km/h

### AXLES
- **Rear axle**: Flange axle
- **Suspension**: Electro-hydraulically engaged, oil-cooled, multi-disc design

### Horizontal System
- **Type**: Dynamic load sensing, hydrostatic, flow metering

### 3-Point Hitch – Front, optional
- **Type**: Front hitch controlled by rear SCV

### REAR PTO
- **Type**: Electro-hydraulically engaged, oil-cooled, multi-disc design
- **Engine rpm at rated PTO speeds with 540/1000 option**: 1 967/1 962
- **Engine rpm at rated PTO speeds with 540/1000/1000 option**: 1 967/1 962

### Cab
- **Cargo**: 540/65R24 (134)
- **Rear tire sizes, max. available (diameter in cm)**: 540/65R8 (144)
- **Rear tire sizes, max. available (diameter in cm)**: 600/65 R8 (152)

### Capacities
- **Fuel tank, L**: 260 260 345 390 390
- **Fuel tank, L**: 540 530 546

### Dimensions and Weights
- **Wheelbase, mm**: 2 580
- **Weight**: 7 265 2 800
- **Weight**: 7 265 2 800
- **Height**: 2 400 x 2 880 x 4 485
- **Width**: 2 400 x 2 910 x 4 730
- **Length**: 2 400 x 2 970 x 4 730
- **Height**: 2 550 x 3 100 x 4 990
- **Width**: 2 400 x 2 910 x 4 730

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