



# 5500 SERIES

- #1 Selling Tractor in the World
- 5-year Powertrain Warranty
- 97% Customer Satisfaction Rating
- 98% Customer Loyalty Rating



DEMING PRIZE  
2003



JAPAN QUALITY MEDAL  
2007

**Mahindra**  
Rise.

## UTILITY - 5500 Series

The Mahindra 5500 series tractors are rugged and powerful utility tractors designed for medium- to heavy-duty applications. With professional-grade models from 43 to 70 HP with shuttle transmissions and with a wide range of choices – 2WD and 4WD, heavy-duty loaders, heavy-duty backhoes, Ag/Industrial tires and a wide range of available implements – there is a model to meet your needs.

### Key Features:

- Fuel efficient 3 cylinder, low RPM engines
- Larger tires for better traction and stability
- Heavy operating weight for increased safety
- Best-in-class loader and 3-point lift capacities

### Ideal For:

- Agriculture
- Hay
- Material Handling
- Speciality / Hobby Farming

- STANDARD Position and Draft controls
- Hydrostatic power steering
- Independent 540 rpm PTO
- 8F/8R and SynchroShuttle transmissions
- STANDARD rear work light
- STANDARD 5-year powertrain warranty - Industry's Best

- Grounds Maintenance / Municipal
- Rural Lifestyle
- Livestock
- Dairy



## ADVANTAGES OF THE MAHINDRA COMMON RAIL DIESEL ENGINE

### mCRD™ – The Simple Green Solution

- Less Complexity
  - mCRD™ does not have a Diesel Particulate Filter (DPF), reducing complexity, heat and filter replacement
- No Operator Involvement
  - You don't need to remember to turn off your DPF. You can park your mCRD™ equipped tractor in your barn or use it in your hay field without worry because we don't have the high heat DPF.
- Cleaner Exhaust Emissions at Lower Cost
  - Diesel Oxidation Catalyst (DOC) after treatment system in mCRD™ does not require any high heat regeneration and meets emissions standards at lower cost, less complexity and no involvement from the operator.
- Heavy Duty Wet Sleeve Engine
  - mCRD™ are modern wet sleeve, heavy duty and direct injection engines, built for your tough jobs.



Engine - left side view

- Turbocharged intercooled, direct-injection diesel engine
- Tier IV compliant
- 3 popular horsepower sizes / 2 & 4 wheel drive



## SUPERIOR PERFORMANCE. GREATER VALUE.

- Superior lift capacity = Lift heavier loads
- 5 year warranty = Peace of mind
- Professional grade construction = Bigger, thicker, more solid components
- Heavier, sturdier chassis = Greater traction, stability & safety



## AVAILABLE IMPLEMENTS

Mahindra offers a huge selection of implements to help you accomplish whatever task you wish to tackle and provide a complete Mahindra experience.

- Wide array of implements (186 variations)
- Competitive financing terms
- Standard-, Medium-, and Heavy-Duty implements to meet your needs
- Implements feature rugged construction with heavy-duty components
- 5 year rotary cutter gearbox limited warranty
- SNOW BLOWERS and SNOW REMOVAL equipment to meet cold-weather needs
- BEST VALUE in the market today



# TRACTOR ATTACHMENTS

| TRACTOR                                   | 5545         | 5555 2WD Shuttle | 5555 4WD Shuttle | 5570 2WD Shuttle | 5570 4WD Shuttle |
|---|--------------|------------------|------------------|------------------|------------------|
| <b>LOADER</b>                             | 5545L        | 5565-2L          | 5565-4L          | 5565-2L          | 5565-4L          |
| Maximum Lift Height                       | 120"         | 123"             | 128"             | 123"             | 128"             |
| Clearance with Attachment Dumped          | 98"          | 100.7"           | 104"             | 100.7"           | 104"             |
| Reach at Maximum Height                   | 22"          | 26"              | 29.5"            | 26"              | 29.5"            |
| Maximum Dump Angle                        | 40°          | 38°              | 40°              | 38°              | 40°              |
| Attachment Rollback Angle                 | 23°          | 23°              | 22°              | 23°              | 22°              |
| Digging Depth Below Grade                 | 5"           | 5.5"             | 6"               | 5.5"             | 6"               |
| Lift Capacity to Full Height @ Pivot Pins | 2950         | 3250             | 3000             | 3250             | 3000             |
| Breakout Force @ Pivot Pins               | 4950         | 5300             | 4825             | 5300             | 4825             |
| Rated Flow (Tractor System)               | 10.9 gpm     | 10.6 gpm         | 10.8 gpm         | 10.6 gpm         | 10.8 gpm         |
| Attachment Width                          | 72"          | 72"              | 78"              | 72"              | 78"              |
| Attachment Rated Capacity                 | 19.7 cu. ft. | 16.3 cu. ft.     | 21.4 cu. ft.     | 16.3 cu. ft.     | 21.4 cu. ft.     |
| Cycle Times @ rpm                         | 2250 rpm     | 2300 rpm         | 2300 rpm         | 2300 rpm         | 2300 rpm         |
| Raise Boom (seconds)                      | 6.5          | 7                | 6.7              | 7                | 6.7              |
| Lower Boom (seconds)                      | 5.6          | 5.5              | 4.7              | 5.5              | 4.7              |
| Dump Attachment (seconds)                 | 3.8          | 4.0              | 5.9              | 4.0              | 5.9              |
| Retract Attachment (seconds)              | 3.9          | 3.0              | 3.5              | 3.0              | 3.5              |
| Transport Weight (lbs.)                   | 1600         | 1350             | 1960             | 1350             | 1960             |
| <b>BACKHOE MODEL</b>                      | 75B/85B      | N/A              | 75B/85B          | N/A              | 75B/85B          |
| <b>TRANSPORT</b>                          |              |                  |                  |                  |                  |
| Transport Height                          | 93"/106"     | N/A              | 93"/106"         | N/A              | 93"/106"         |
| Transport Weight (lbs.)                   | 1880/2049    | N/A              | 1880/2049        | N/A              | 1880/2049        |
| <b>OPERATIONAL</b>                        |              |                  |                  |                  |                  |
| Maximum Digging Depth                     | 116"/133"    | N/A              | 116"/133"        | N/A              | 116"/133"        |
| Digging Depth (2 Ft.) Flat Bottom         | 115"/132"    | N/A              | 115"/132"        | N/A              | 115"/132"        |
| Overall Operating Height - Fully Raised   | 154"/173"    | N/A              | 154"/173"        | N/A              | 154"/173"        |
| Loading Height (bucket @ 60°)             | 82"/96"      | N/A              | 82"/96"          | N/A              | 82"/96"          |
| Loading Reach (bucket @ 60°)              | 50"/60"      | N/A              | 50"/60"          | N/A              | 50"/60"          |
| Reach From Swing Post                     | 153"/173"    | N/A              | 153"/173"        | N/A              | 153"/173"        |
| Bucket Rotation                           | 180°         | N/A              | 180°             | N/A              | 180°             |
| Swing Arc                                 | 180°         | N/A              | 180°             | N/A              | 180°             |
| Stabilizer Spread Operating Position      | 95"          | N/A              | 95"              | N/A              | 95"              |
| Stabilizer Down Below Grade               | 16"          | N/A              | 16"              | N/A              | 16"              |
| System Relief Valve Setting               | 2500         | N/A              | 2500             | N/A              | 2500             |
| Digging Force - Bucket (lbs.)             | 5676         | N/A              | 5676             | N/A              | 5676             |
| Digging Force - Dipper (lbs.)             | 2754/3056    | N/A              | 2754/3056        | N/A              | 2754/3056        |



# TRACTOR SPECIFICATIONS

| TRACTOR                                   | 5545  | 5555 2WD   | 5555 4WD             | 5570 2WD              | 5570 4WD             |
|---|---|--|----------------------|-----------------------|----------------------|
| <b>ENGINE</b>                             |   |  |                      |                       |                      |
| Type                                      | Four stroke, direct injection, water-cooled diesel                          | Four stroke, direct injection, turbo-charged and intercooled, diesel |                      |                       |                      |
| Cylinders                                 | 3   |  |                      |                       |                      |
| Engine HP (kW) @ rpm                      | 43 (32) @ 2300 (T4)   | 55 (41.0) @ 2100 (T4)  |                      | 70 (52.1) @ 2100 (T4) |                      |
| Compression Ratio                         | 17.5:1  | 17.2:1   |                      |                       |                      |
| Displacement cubic inch <sup>3</sup> (cc) | 161.7 (2650)  |  |                      | 161.5 (2648)          |                      |
| Fuel Tank Capacity                        | 12 gallons  | 17.1 gallons   |                      |                       |                      |
| <b>ELECTRICAL</b>                         |   |  |                      |                       |                      |
| Battery Capacity                          | 12 volt, 96 amp hours   |  |                      |                       |                      |
| Alternator                                | 12 volt, 45 amps  | 12 volt, 55 amps   |                      |                       |                      |
| <b>CLUTCH</b>                             |   |  |                      |                       |                      |
| Type                                      | Dual dry with cerametallic lining   |  |                      |                       |                      |
| <b>TRANSMISSION</b>                       |   |  |                      |                       |                      |
| Type                                      | Forward/reverse synchro shuttle with synchro speeds and constant mesh range | Constant mesh with forward/reverse synchro shuttle                   |                      |                       |                      |
| Number of Gears / Speeds                  | 8F / 8R   |  |                      |                       |                      |
| <b>STEERING</b>                           |   |  |                      |                       |                      |
| Type                                      | Hydrostatic power   |  |                      |                       |                      |
| Pump Output (gallons per minute)          | 5   | 4.5  | 4.6                  |                       |                      |
| <b>BRAKES</b>                             |   |  |                      |                       |                      |
| Type                                      | Dry disc  | Wet disc   |                      |                       |                      |
| <b>HYDRAULIC SYSTEM</b>                   |   |  |                      |                       |                      |
| Type                                      | Open center, full-live hydraulic with position and draft controls           |  |                      |                       |                      |
| Pump Output (gallons per minute)          | 10.9  | 10.6   | 11.2                 |                       |                      |
| 3-Point Linkage                           | Category 1 and 2 with telescopic stabilizers                                |  |                      |                       |                      |
| Lift Capacity (lbs.)                      | 3969  | 3968   |                      |                       |                      |
| Rear Auxiliary Remote Valves              | 1 opt   | 1 standard, 2 spool optional   |                      | 2 std                 |                      |
| <b>PTO</b>                                |   |  |                      |                       |                      |
| Type                                      | Independent   |  |                      |                       |                      |
| PTO RPM (engine rpm)                      | 540 @ 2058  | 540 @ 2059   |                      |                       |                      |
| PTO HP (kW)                               | 34.9 (26)   | 45 (33.6)  |                      | 61 (45.4)             |                      |
| <b>OPERATING WEIGHT</b>                   |   |  |                      |                       |                      |
| Total (lbs.)                              | 5567  | 5379   | 6039                 | 5557                  | 6302                 |
| <b>DIMENSIONS with Ag Tires</b>           |   |  |                      |                       |                      |
| Overall Length Inches (mm)                | 134 (3400)  | 138.4 (3515)   | 141.2 (3586)         | 138.3 (3515)          | 145 (3683)           |
| Overall Width Inches (mm)                 | 72.5 (1842)   | 75.3 (1918)  | 79 (2007)            | 77.3 (1961)           | 81 (2057)            |
| Overall Height Inches (mm)                | 93.3 (2371)   | 92 (2337)  | 94.5 (2400)          | 103.3 (2624)          | 99.7 (2532)          |
| Turning Radius Minimum Feet (meters)      | 10.8 (3.3)  | 11.6 (3.5)   | 13.75 (4.19)         | 14 (4.2)              | 15.7 (4.8)           |
| <b>TIRES Sizes and Options</b>            |   |  |                      |                       |                      |
| Ag (Front / Rear)                         | 9.5x20 / 13.6x28  | 7.5x16 / 14.9x28   | 9.5x24 / 14.9x28     | 9.5Lx15 / 16.9x28     | 11.2x24 / 16.9x30    |
| Industrial (Front / Rear)                 | 10.5/80x18 / 16.9x24  | N/A  | 12.5/80x18 / 16.9x24 | N/A                   | 12.5/80x18 / 16.9x24 |

Specifications and design subject to change without notice.