

Challenger

MT4000 Series  
SPECIFICATIONS



| MODELS                                     | MT455D                                     | MT465D | MT475D | MT485D | MT495D |
|--|--|--------|--------|--------|--------|
| <b>ENGINE PERFORMANCE</b>                  |  |        |        |        |        |
| PTO HP @ 2,200-rated engine rpm (kW)       |  |        |        |        |        |
| Techstar CVT                               | N/A  | N/A    | 100    | 110    | 120    |
| AutoPower VI                               | N/A  | N/A    | N/A    | 115    | 125    |
| AutoPower IV                               | 90   | 100    | N/A    | 110    | N/A    |
| ISO engine HP @ 2200 rated engine rpm (kW) |  |        |        |        |        |
| Techstar CVT                               | N/A  | N/A    | 130    | 140    | 150    |
| AutoPower VI                               | N/A  | N/A    | N/A    | 140    | 150    |
| AutoPower IV                               | 110  | 120    | N/A    | 135    | N/A    |
| <b>ENGINE</b>                              |  |        |        |        |        |
| Rated speed (rpm)                          | 2200                                       |        |        |        |        |
| Type                                       | AGCO POWER                                 |        |        |        |        |
| Model                                      | 49AWI                                      |        |        |        |        |
| Number of cylinders                        | 4  |        |        |        |        |
| Aspiration                                 | Turbocharged with air/air intercooler      |        |        |        |        |
| Displacement liters (CID)                  | 4.9L                                       |        |        |        |        |
| Fuel Injection System                      | Bosch Electronic High Pressure Common Rail |        |        |        |        |
| Fuel                                       | Diesel                                     |        |        |        |        |
| Lubrication System                         | Gear Pump at Bottom of Timing Gear         |        |        |        |        |
| Oil Filter                                 | Single, Spin On                            |        |        |        |        |
| Starting Aid                               | Thermostat                                 |        |        |        |        |



| MODELS                             | MT455D   | MT465D   | MT475D   | MT485D   | MT495D   |
|------------------------------------|--|----------|----------|----------|----------|
| <b>TRANSMISSION – TECHSTAR CVT</b> |  |          |          |          |          |
| Clutches                           |  |          |          |          |          |
| Clutches                           | N/A  | N/A      | Standard | Optional | Optional |
| Speed Range – mph (km/h)           | None   |          |          |          |          |
| Forward Speeds                     | .02 - 31 (.03 - 50)                              |          |          |          |          |
| Cruise Control Speeds              | Infinite   |          |          |          |          |
| <b>TRANSMISSION – AUTOPOWER VI</b> |  |          |          |          |          |
| Clutches                           | N/A  | N/A      | N/A      | Optional | Optional |
| Speed Range – mph (km/h)           | 5 Disc   |          |          |          |          |
| Forward/Reverse Speeds             | 0.6 - 31 (0.9 - 50)                              |          |          |          |          |
| AUTO-DRIVE                         | 24x24  |          |          |          |          |
| <b>TRANSMISSION – AUTOPOWER IV</b> |  |          |          |          |          |
| Clutches                           | N/A  | Standard | Standard | N/A      | Optional |
| Speed Range – mph (km/h)           | 5 Disc   |          |          |          |          |
| Forward/Reverse Speeds             | 0.6 - 25 (0.9 - 40)                              |          |          |          |          |
| AUTO-DRIVE                         | 16x16  |          |          |          |          |
| AUTO-DRIVE                         |  |          |          |          |          |
| Speed (rpm)                        | Standard, automatic shifting of gears and ranges |          |          |          |          |
| <b>PTO</b>                         |  |          |          |          |          |
| Speed (rpm)                        | 540/1000 with optional Economy PTO               |          |          |          |          |

| DIMENSIONS & WEIGHT                 | MT455D            | MT465D            | MT475D            | MT485D            | MT495D            |
|-------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Wheelbase - in (mm)                 | 105               | 105               | 105               | 105               | 105               |
| Approx. shipping weight - lbs (kg)* | 11,900<br>(5,400) | 12,500<br>(5,700) | 12,500<br>(5,700) | 12,500<br>(5,700) | 12,500<br>(5,700) |

\*Machine weight varies based on transmission option

| ALL MODELS                                       |  |
|--|--|
| <b>HYDRAULICS</b>                                |  |
| System type                                      | Optional Open Center & CCLS                            |
| Total flow rate - US standard gallon (L)         | 15/26/29gpm  |
| Maximum pressure PSI (bar)                       | 2900   |
| Available flow rate per spool valves gpm (L/min) | TBD  |
| Remotes  |  |
| Classic – standard                               | 1/2/3/ Mechanical                                      |
| Classic – optional                               | 4th Mechanical   |
| Deluxe – standard                                | 1/2 electric fingertips (joystick opt), 3/4 Mech       |
| Premium – standard                               | 1/2/3/4/electric fingertips (joystick optional on 1/2) |
| Hydraulic Couplers                               | Decompression Couplers                                 |
| Coupler Size                                     | ISO 1/2"   |
| <b>THREE-POINT HITCH – REAR</b>                  |  |
| Category   | 2 & 3  |
| Stabilizer                                       | Telescopic   |
| Lift Capacity 24" back of the pin                | 11,400 (5,170)   |
| <b>THREE-POINT HITCH – FRONT</b>                 |  |
| Lift Capacity – lbs (kg)                         | 6,172 (2,800)  |
| <b>FRONT AXLE</b>                                |  |
| 2-wheel Drive                                    | N/A  |
| 4-wheel Drive Differential Lock                  | Fully Locking, electrohydraulic                        |
| 4-wheel Drive maximum steering angle             | 55   |
| Quadlink Front Axle Suspension                   | Standard on Deluxe and Premium Models                  |
| Quadlink Suspension Operation                    | Hydraulic  |
| <b>CAPACITIES</b>                                |  |
| Fuel Tank – gal (L)                              | 61 (223)   |
| Diesel Exhaust Fluid – gal (L)                   | 9.2 (35)   |



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