

# MAGNUM™







# MAGNUM

10 Models | 180–405 HP | 200–435 PTO HP\*

## CONFIGURATIONS TO FIT ANY OPERATION

Magnum tractors can be configured to fit your operation — regardless of the demanding application.

### TILLAGE

- Utilize Soil Command technology to measure and optimize the agronomic quality of the seedbed from the cab of your Magnum tractor.
- Minimize soil compaction with the traction and floatation provided by the Magnum Rowtrac.
- Cover more acres with the ability to vary and increase tillage speed as conditions allow.

\*See specs for details.

## PLANTING AND SEEDING

- Maintain constant peak power to the ground for increased productivity during high-speed planting.
- Use rate and section control to reduce overlaps and manage input costs with automatic shutoff and turn-on for individual rows or section.
- Make fewer trips across the field with variable-rate application of up to three different products in the same pass.

## HAY AND FORAGE

- Combine your Magnum with ISOBUS 3 speed control and let your baler take control. Automatically adjust tractor speed, apply net wrap to the bale, and raise and lower the tailgate without operator input.

- Up to 32 mph road speed for moving efficiently between job sites.
- Front hitch options offer solutions for triple mowers and other implements to be mounted to the front of the tractor to cover more acres per hour.

## SCRAPER

- Industry-leading power growth up to 14 percent for unmatched performance in tough pulls.
- Designed to perform in any agricultural earth shaping, land leveling or water management task.
- Optional semi-active cab suspension smooths your ride on high speed earth shaping projects.

| MODEL                                       | 180   | 200   | 220   | 240                  | 265   | 295                       |
|---|---|-------|-------|----------------------|---|---------------------------|
| <b>ENGINE</b>                               |   |       |       |                      |   |                           |
| Engine Type                                 | Tier 4 B/Final with Selective Catalytic Reduction (SCR)                             |       |       |                      |   |                           |
| Engine HP                                   | 180**   | 200** | 220** | 240**                | 265†  | 295†                      |
| Maximum Engine HP*                          | 200   | 220   | 240   | 260                  | 290   | 325                       |
| Maximum Boosted Engine HP*                  | 225   | 245   | 260   | 270                  | 320   | 351                       |
| PTO HP per SAE                              | 155**   | 170** | 185** | 205**                | 218†  | 248†                      |
| Cylinders / Number of Valves / Displacement | 6 cyl. / 24 valves/ 6.7 L   |       |       |                      | 6 cyl. / 24 valves/ 8.7 L   |                           |
| Engine Aspiration                           | Turbocharger wastegate  |       |       |                      |   | Turbocharger eVGT         |
| Engine Compression Brake                    | N/A   |       |       |                      | Standard  |                           |
| <b>ELECTRICAL</b>                           |   |       |       |                      |   |                           |
| Alternator / Battery                        | 240 amp / 12-volt battery   |       |       |                      | 240 amp / 2 12-volt batteries   |                           |
| <b>TRANSMISSION/PTO</b>                     |   |       |       |                      |   |                           |
| PowerDrive: 18 Speed (Standard / Optional)  | N/A   |       |       |                      | N/A / 25 mph (40kph)  |                           |
| PowerDrive: 19 Speed (Standard / Optional)  | 25 mph (40kph)/ N/A   |       |       | N/A                  | 25 mph (40kph)/ N/A   |                           |
| PowerDrive: 19 Speed (Standard / Optional)  | N/A / 30 mph (50 kph)   |       |       | N/A                  | N/A / 30 mph (50 kph)   |                           |
| CVXDrive (Standard / Optional)              | N/A / 25 mph (40kph)  |       |       | 25 mph (40kph) / N/A |   | N/A / 25 mph (40kph)      |
| CVXDrive (Standard / Optional)              | N/A / 30 mph (50 kph)   |       |       |                      |   |                           |
| Rear PTO (Standard / Optional)              | 540 rpm 1-3/8 in. dia. and 1,000 rpm 1-3/8 in. dia. / N/A                           |       |       |                      | 1,000 rpm 1-3/4 in. dia. / Optional 3 interchangeable shafts: 540 and 1,000 rpm 1-3/8 in. dia. and 1,000 rpm 1-3/4 in. dia. |                           |
| <b>AXLES</b>                                |   |       |       |                      |   |                           |
| Rear Axle Diameter (Standard / Optional)    | 4 in. (100 mm) / N/A  |       |       |                      | 4.5 in. (115 mm)  |                           |
| Rear Axle Length (Standard / Optional)      | 119 in. (3020 mm) / 112 in. (2489 mm)   |       |       |                      | 120 in. (3050 mm) / N/A   |                           |
| Suspended Front Axle                        | Optional  |       |       |                      |   |                           |
| MFD Tread Adjustability                     | 60 – 88 in. (1 524 – 2 235 mm)  |       |       |                      |   |                           |
| MFD Duals                                   | Optional on Class 4.75 axles  |       |       |                      | Optional  |                           |
| Wheelbase (PowerDrive / CVXDrive)           | 118 in. (3000 mm)   |       |       |                      | 120 in. (3050 mm) / 122 in. (3100 mm)   |                           |
| <b>HYDRAULICS/HITCH</b>                     |   |       |       |                      |   |                           |
| System Type                                 | Pressure Flow Compensating (PFC)  |       |       |                      |   |                           |
| Remotes (Standard / Optional)               | 3 electrohydraulic / 4 or 5 electrohydraulic  |       |       |                      | 4 electrohydraulic / 5 or 6 electrohydraulic  |                           |
| Main Implement Pump Flow                    | PowerDrive = 41 gpm (156 L/min.) / CVXDrive = 43 gpm (162 L/min.)                   |       |       |                      | 44 gpm (166 L/min.) / 59 gpm (225 L/min.) or 75 gpm (282 L/min.)  |                           |
| Rear 3-point hitch (Standard / Optional)    | Cat III/IIIN / N/A  |       |       |                      |   | Cat III/IIIN / Cat IV/III |
| Standard Hitch Lift Capacity                | 13,600 lb. (6170 kg) without quick coupler; 13,000 lb. (5900 kg) with quick coupler |       |       |                      | 14,000 lb. (6350 kg)  |                           |
| Optional Front 3-point hitch Lift Capacity  | N/A   |       |       |                      | 9,426 lb. (4275 kg)   |                           |
| Front Hitch PTO Speed and Shaft Size        | N/A   |       |       |                      | 1,000 rpm   |                           |
| PTO Shaft Size                              | N/A   |       |       |                      | 1 3/8 in. (35 mm) shaft 21 spline   |                           |
| <b>CAPACITIES</b>                           |   |       |       |                      |   |                           |
| Fuel Tank                                   | 160 gal. (600 L)  |       |       |                      | PowerDrive: 179 gal. (678 L) / CVXDrive: 163 gal. (617 L)   |                           |
| Diesel Exhaust Fluid (DEF) Tank             | 17.5 gal. (66 L)  |       |       |                      | 26 gal. (99 L)  |                           |
| <b>CAB</b>                                  |   |       |       |                      |   |                           |
| Cab Suspension                              | Standard  |       |       |                      |   |                           |
| Volume / Glass / Sound Level                | 109.5 cu ft. (3.1 m³ / 68.5 sq. ft.) / 67 dBA                                       |       |       |                      |   |                           |
| <b>WEIGHT</b>                               |   |       |       |                      |   |                           |
| Average Shipping Weight                     | 21,500 lb. (9750 kg)  |       |       |                      | 28,600 lb. (12973 kg)   |                           |

\* Rated 1,800 engine rpm ISO per ECE R120 (CV) \*\* 2,100 engine rpm ISO per ECE R120 (CV) †2,000 engine rpm ISO per ECE R120 (CV)

| MODEL                                       | 325  | 355                   | 355 ROWTRAC           | 385                   | 385 ROWTRAC             | 405                   | 405 ROWTRAC            |
|---|--|-----------------------|-----------------------|-----------------------|-------------------------|-----------------------|------------------------|
| <b>ENGINE</b>                               |  |                       |                       |                       |                         |                       |                        |
| Engine Type                                 | Tier 4 B/Final with Selective Catalytic Reduction (SCR)  |                       |                       |                       |                         |                       |                        |
| Engine HP**                                 | 325  |                       | 355                   |                       | 385                     |                       | 405                    |
| Maximum Engine HP*                          | 356  |                       | 390                   |                       | 417                     |                       | 435                    |
| Maximum Boosted Engine HP*                  | 383  |                       | 410                   |                       | 435                     |                       | 435                    |
| PTO HP†                                     | 277  |                       | 303                   |                       | 320                     |                       | 352                    |
| Cylinders / Valves / Displacement           | 6 cyl. / 24 valves / 8.7 L   |                       |                       |                       |                         |                       |                        |
| Engine Aspiration / Compression Brake       | Turbocharger eVGT / Standard   |                       |                       |                       |                         |                       |                        |
| <b>ELECTRICAL</b>                           |  |                       |                       |                       |                         |                       |                        |
| Alternator / Battery                        | 240 amp / 2 12-volt batteries  |                       |                       |                       |                         |                       |                        |
| <b>TRANSMISSION/ PTO</b>                    |  |                       |                       |                       |                         |                       |                        |
| PowerDrive: 18 Speed (Standard / Optional)  | N/A / 25 mph (40kph)   |                       | 25 mph (40kph) / N/A  |                       | N/A                     |                       |                        |
| PowerDrive: 19 Speed (Standard / Optional)  | 25 mph (40kph)/ N/A  |                       |                       |                       | NA                      |                       |                        |
| PowerDrive: 19 Speed (Standard / Optional)  | N/A / 30 mph (50 kph)  |                       |                       |                       | NA                      |                       |                        |
| PowerDrive: 21 Speed (Standard / Optional)  |  |                       | N/A                   |                       | 25 mph (40kph) / N/A    |                       |                        |
| PowerDrive: 21 Speed (Standard / Optional)  |  |                       | N/A                   |                       | N/A / 30 mph (50 kph)   |                       | N/A                    |
| CVXDrive Standard / Optional                | N/A / 25 mph (40kph)   |                       |                       |                       | 25 mph (40kph) / N/A    |                       | N/A                    |
| CVXDrive (Standard / Optional)              | N/A / 30 mph (50 kph)  |                       | N/A                   |                       | N/A / 30 mph (50 kph)   |                       | N/A                    |
| Rear PTO (Standard / Optional)              | 1,000 rpm 1-3/4 in. dia. / 3 interchangeable shafts: 540 and 1,000 rpm 1-3/8 in. dia. and 1,000 rpm 1-3/4 in. dia. |                       |                       |                       |                         |                       |                        |
| <b>AXLES</b>                                |  |                       |                       |                       |                         |                       |                        |
| Rear Axle Diameter (Standard / Optional)    | 4.5 in. (115 mm) / N/A   |                       | N/A                   |                       | 5 in. (127 mm) / N/A    |                       | N/A                    |
| Rear Axle Length (Standard / Optional)      | 120 in. (3050 mm) / N/A  |                       | N/A                   |                       | 120 in. (3050 mm) / N/A |                       | N/A                    |
| Suspended Front Axle                        | Optional   |                       |                       |                       |                         |                       |                        |
| MFD Tread Adjustability                     | 60 – 88 in. (1524 – 2235 mm)   |                       |                       |                       |                         |                       |                        |
| MFD Duals                                   | Optional   |                       |                       |                       |                         |                       |                        |
| Wheelbase (PowerDrive / CVXDrive)           | 120 in. (3050 mm) / 122 in. (3100 mm)  |                       | 124 in. (3150 mm)     |                       | NA / 124 in. (3150 mm)  |                       | 124 in. (3150 mm) / NA |
| <b>HYDRAULICS / HITCH</b>                   |  |                       |                       |                       |                         |                       |                        |
| System Type                                 | Pressure Flow Compensating (PFC)   |                       |                       |                       |                         |                       |                        |
| Remotes (Standard / Optional)               | 5 electrohydraulic / 6 electrohydraulic  |                       |                       |                       |                         |                       |                        |
| Hydraulic Pump (Standard / Optional)        | 44 gpm (166 L/min.) / 59 gpm (225 L/min.) or 75 gpm (282 L/min.)   |                       |                       |                       |                         |                       |                        |
| Rear 3-point Hitch (Standard / Optional)    | Cat III/IIIN / Cat IV/III  |                       | Cat IV/III / NA       |                       |                         |                       |                        |
| Standard Hitch Lift Capacity                | 15,900 lb. (7210 kg)   |                       | 17,500 lb. (7940 kg)  |                       | 19,900 lb. (9026 kg)    |                       | 19,900 lb. (9026 kg)   |
| Optional Front 3-point Hitch Lift Capacity  | 9,426 lb. (4275 kg)  |                       |                       |                       |                         |                       |                        |
| Front Hitch PTO Speed                       | 1,000 rpm  |                       |                       |                       |                         |                       |                        |
| PTO Shaft Size                              | 1 3/8 in. (35 mm) shaft 21 spline / 1-3/8 in. dia. 6 spline and 1-3/4 in. dia. 20 spline available from parts      |                       |                       |                       |                         |                       |                        |
| <b>CAPACITIES</b>                           |  |                       |                       |                       |                         |                       |                        |
| Fuel Tank / Diesel Exhaust Fluid (DEF) Tank | PowerDrive: 179 gal. (678 L) : CVXDrive: 163 gal. (617 L) / 26 gal. (99 L)   |                       |                       |                       |                         |                       |                        |
| <b>CAB</b>                                  |  |                       |                       |                       |                         |                       |                        |
| Cab Suspension                              | Standard   |                       |                       |                       |                         |                       |                        |
| Volume / Glass / Sound Level                | 109.5 cu ft. (3.1 m³) / 68.5 sq. ft. (XX m²) / 67 dBA  |                       |                       |                       |                         |                       |                        |
| <b>WEIGHT</b>                               |  |                       |                       |                       |                         |                       |                        |
| Average Standard Weight                     | 28,800 lb. (13082 kg)  | 29,600 lb. (13458 kg) | 36,000 lb. (16329 kg) | 32,200 lb. (14148 kg) | 36,000 lb. (16329)      | 32,200 lb. (14148 kg) | 36,000 lb. (16329 kg)  |

\* Rated 1,800 engine rpm ISO per ECE R120 (CV) \*\* 2,100 engine rpm ISO per ECE R120 (CV) †2,000 engine rpm ISO per ECE R120 (CV)

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