

**CASE *ii***  
AGRICULTURE

**MAGNUM**



**NORTHMEC**  
Established 1869

# MAGNUM

## SPECIFICATIONS

**235**
**260**
**290**
**315**
**340**

### ENGINE

Number of cylinders/type/emission level	6/Common Rail Diesel engine with 24 valves, turbocharged and intercooled/Tier 2				
Capacity (cm <sup>3</sup> )	8700	8700	8700	8700	8700
Rated power ECE R120 <sup>1)</sup> [kW/hp(CV)]	175/235	189/257	209/24	229/311	250/340
Rated power ECE R120 <sup>1)</sup> Power Management [kW/hp(CV)]	200/268	216/294	235/320	255/347	276/375
Rated engine speed (rpm)	2000	2000	2000	2000	2000
Maximum power ECE R120 <sup>1)</sup> [kW/hp(CV)]	204/274	213/290	233/317	255/347	275/374
Maximum power ECE R120 <sup>1)</sup> Power Management [kW/hp(CV)]		219/298	241/328	263/358	286/389
... at engine speed (rpm)	1800	1800	1800	1800	1800
Maximum torque (Nm/rpm)	1200/1400	1267/400	1397/1400-1600	1531/1400-1600	1671/1400-1600
Torque rise Standard/Power Management (%)	42/27	42/27	37/28	47/28	42/27
Fuel tank, diesel (litres)	710	710	710	710	710
Additional fuel filtration	Water separator (SEPAR Filter)				

### TRANSMISSION

Type	Full Powershift with Powershuttle				
Number of standard speeds Creeper 40 kph	23 x 6 Optional				
Number of standard speeds 40 kph	18 x 4				
Differential lock rear axle	Multi-plate with automatic functions				

### FOUR-WHEEL DRIVE AND STEERING

Type	Differential lock as standard, front axle suspension optional				
Front axle suspension	Optional	Optional	Optional	Standard	Standard
Steering angle (°)	55	55	55	56	56
Min. turning radius <sup>1)</sup> track setting 1829 mm (m)	5.3	5.3	5.3	5.3	5.3

### POWER TAKE OFF

Type	Electro-hydraulic with Auto PTO control available				
Speeds Standard/Optional	1000 / 540/1000				
Engine speeds Standard/Optional (rpm)	1800 / 1400/1800				
Shaft type Standard PTO	1 3/4" 20 splines				
Shaft type Optional PTO	1 3/4" 20 splines (1000 rpm) or 1 3/8" 21 splines (1000 rpm) or 1 3/8" 6 splines (540 rpm)				
Front PTO with 1000 rpm	Optional	Optional	Optional	Optional	Optional

### HYDRAULIC SYSTEM

System type	Variable displacement, pressure flow compensated pump				
Max. pump flow rate Standard/High Flow/Twin Flow (l/min)	161	161	218	218	218
System pressure	210	210	210	210	210
Control type	Electronic Hitch Control (EHC) with cushion ride control, hydraulic top link, automatic stabilisers optional				
Max. lift capacity (kg)	9130	9130	9130	10200	10200
OECD lift capacity through range @610 mm (kg)	6706	6706	6706	7416	7416
Max. number of remote valves	4 standard up to 6 optional				
Remote valve timer control	0 - 30 seconds on all models				
Category type	Cat III/IIIIIN	Cat III/IIIIIN	Cat III/IIIIIN	Cat III/IVN	Cat III/IVN
Slip control	Standard	Standard	Standard	Standard	Standard
Front hitch with 5000 kg lift capacity	Optional	Optional	Optional	Optional	Optional

### WEIGHT

Minimum shipping weight (kg)	916	9136	9377	9377	9568
Permissible total weight Standard/Class V front axle (kg)	17500/-	17500/-	17500/18000	17500/18000	-/18000
Max. permissible weight front Standard (kg)	6030	6030	6030	6030	6750
Max. permissible weight rear Standard (kg)	11500	11500	11500	11500	11500

### DOMENSIONS<sup>2)</sup>

Total length (mm)	6428	6428	6428	6428	6428
Total height (mm)	3378	3378	3378	3378	3378
Total width (across rear fenders with 150 mm extension) (mm) <sup>3)</sup>	2515	2515	2515	2515	2515
Wheel base (mm)	3055	3055	3055	3055	3055
Height at centre of rear axle, highest point (mm)	2488	2488	2488	2488	2488
Track setting front (mm)	1560-2256	1560-2256	1560-2256	1560-2256	1560-2256
Track setting rear (mm)	1470-2294	1470-2294	1470-2294	1470-2294	1470-2294

### TYRES

Front	480/70R30	480/70R30	600/70R30	540/70R30 Duals	540/70R30 Duals
Rear	620/70R42	620/70R42	710/70R42	710/70R42	710/70R42
		Duals	Duals	Duals	Duals

1) ECE R120 corresponds to ISO 14396 and 97/68/EC 2) With standard tyres 3) Rear tyre width 710