

MAXXUM

SPECIFICATIONS

110
Economic

110

125
Economic

125

140

CASE IH ENGINE DEVELOPED BY CNH ENGINE CORPORATION

| | | | | | |
|-----------------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------|
| Aspiration | Mechanical, 2-valve diesel engine, turbo intercooler Tier III | Mechanical, 2-valve diesel engine, turbo intercooler Tier III | Mechanical, 2-valve diesel engine, turbo intercooler Tier III | Mechanical, 2-valve diesel engine, turbo intercooler Tier III | Common rail, 4-valve diesel engine, turbo intercooler |
| Emission level | Tier III | Tier III | Tier III | Tier III | Tier III |
| Fuel management | Mechanical fuel management | Mechanical fuel management | Mechanical fuel management | Mechanical fuel management | Electronic fuel management |
| Capacity / No. of cylinders | 4485 / 4 | 4485 / 4 | 6728 / 6 | 6728 / 6 | 6728 / 6 |
| Rated engine power | 82 / 112 | 82 / 112 | 93 / 126 | 93 / 126 | 104 / 141 |
| ECE R120 (kW / Hp(CV)) | | | | | |
| Rated engine power ECE R120 - Power Management *(kW / Hp(CV)) | NA | NA | NA | NA | 123 / 167 |
| Rated engine speed (rpm) | 2200 | 2200 | 2200 | 2200 | 2200 |
| Maximum torque @ engine rpm - ECE R120 (Nm) / (rpm) | 455 / 1400 | 455 / 1400 | 560 / 1250 | 560 / 1250 | 613 / 1400 |
| Maximum torque @ engine rpm - ECE R120 Power Management *(Nm) / (rpm) | NA | NA | NA | NA | 678 / 1600 |
| Maximum engine power - ECE R120 @ 1900 / 2000 rpm (kW / Hp(CV)) | 90 / 123 | 90 / 123 | 101 / 138 | 101 / 138 | 112 / 152 |
| Maximum engine power ECE R120 - Power Management *(kW / Hp(CV)) | NA | NA | NA | NA | 131 / 178 |
| Torque rise - Standard / Power Management (%) | 27 | 27 | 39 | 39 | 35 / 27 |
| Fuel tank capacity (l) | 176 | 176 | 250 | 250 | 250 |

TRANSMISSION

| | | | | | |
|-------------------------------|-----------------|-------------------------------|-----------------|-------------------------------|-------------------------------|
| Type | Synchro shuttle | Semi Powershift, Powershuttle | Synchro shuttle | Semi Powershift, Powershuttle | Semi Powershift, Powershuttle |
| Number of speeds 40 kph (FxR) | 12 x 12 Synchro | 16 x 16 | 12 x 12 Synchro | 16 x 16 | 16 x 16 |

FOUR-WHEEL DRIVE AND STEERING

| | | | | | |
|-----------------------------|--------------------------------|------|------|------|------|
| Four-wheel drive engagement | All models - Electro-hydraulic | | | | |
| Steering angle (°) | 55 | 55 | 55 | 55 | 55 |
| Optimum turning radius (m) | 4.04 | 4.04 | 4.36 | 4.36 | 4.36 |

POWER TAKE OFF

| | | | | | |
|--------------------|-----------------------------------------------------------------------|--|--|--|--|
| Type | All models - Electro-hydraulic shiftable with progressive PTO control | | | | |
| Speeds (rpm) | All models - 540 / 540E / 1000 | | | | |
| Engine speed (rpm) | All models - 1969 / 1546 / 2120 | | | | |

HYDRAULIC SYSTEM

| | | | | | |
|-----------------------------------------------------------------|----------------------------------|----------------------------------|--------------------------------------------------------|--------------------------------------------------------|--------------------------|
| Steering and Service Pump (l/min) | All models - 40 l/min | | | | |
| Max. implement pump flow and system type main hydraulic (l/min) | 63 l/min with fixed displacement | 63 l/min with fixed displacement | 63 l/min ROPS & 80 l/min CAB - with fixed displacement | 63 l/min ROPS & 80 l/min CAB - with fixed displacement | 113 l/min with PFC |
| Control | Mechanical Hitch Control | Mechanical Hitch Control | Mechanical Hitch Control | Mechanical Hitch Control | Electronic Hitch Control |
| Maximum lift capacity at ball ends with arms horizontal (kg) | 6332 | 6332 | 7864 | 7864 | 7864 |
| Remote valve configuration | 2 | 2 | 2 | 2 | 3 |

WEIGHTS WITH CAB 4WD

| | | | | | |
|-----------------------------------------------|------|------|------|------|------|
| Minimum weight with 16 x 16 transmission (kg) | 4790 | 4790 | 4910 | 4910 | 4950 |
| Permissible total weight (kg) | 9000 | 9000 | 9000 | 9000 | 9000 |

DIMENSIONS WITH CAB 4WD

| | | | | | |
|-------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|
| Overall length inc. weight pack and rear linkage (mm) | 4292 | 4292 | 4532 | 4532 | 4532 |
| Minimum width / Overall height (mm) | 1873 / 2673 | 1873 / 2673 | 1913 / 2719 | 1913 / 2719 | 1913 / 2860 |
| Height at centre of rear axle / top of cab (mm) | 2100 / 2165 | 2100 / 2165 | 2100 / 2165 | 2100 / 2165 | 2100 / 2165 |
| Ground clearance under drawbar (mm) | 427 | 427 | 478 | 478 | 478 |
| Wheelbase standard | 2412 | 2412 | 2652 | 2652 | 2652 |

STANDARD TYRES

| | | | | | |
|-------|-----------|-----------|-----------|-----------|-----------|
| Front | 14.9 R 28 | 14.9 R 28 | 14.9 R 28 | 14.9 R 28 | 16.9 R 28 |
| Rear | 18.4 R 38 | 18.4 R 38 | 18.4 R 38 | 18.4 R 38 | 20.8 R 38 |