

6145 Profi CVT

4115 Profi CVT

4125 Profi CVT

**ENGINE****NUMBER OF CYLINDERS**

6

4

4

**TYPE**

Common Rail Diesel  
engine with 24 valves,  
turbocharged and  
intercooled

Common Rail Diesel  
engine with 16 valves,  
turbocharged and  
intercooled

Common Rail Diesel  
engine with 16 valves,  
turbocharged and  
intercooled

**EMISSION LEVEL**

Stage V

Stage V

Stage V

**CAPACITY (CM<sup>3</sup>)**

6728

4485

4485

**ENGINE PERFORMANCE****MAXIMUM ENGINE POWER WITH POWER MANAGEMENT (HP (KW))**

175 (129)

145 (107)

155 (114)

**MAXIMUM ENGINE POWER (HP (KW))**

158 (116)

125 (92)

135 (99)

**@ ENGINE SPEED (RPM)**

1800â€“1900

1800â€“1900

1800â€“1900

**RATED ENGINE POWER WITH POWER MANAGEMENT (HP (KW))**

165 (121)

131 (96)

140 (103)

**RATED ENGINE POWER (HP (KW))**

145 (107)

116 (85)

125 (92)

**RATED ENGINE SPEED (RPM)**

2200

2200

2200

**MAXIMUM TORQUE POWER MANAGEMENT (NM @ RPM)**

740 @ 1500

590 @ 1500

637 @ 1500

**MAXIMUM TORQUE (NM @ RPM)**

650 @ 1500

528 @ 1500

560 @ 1500

**TORQUE RISE STANDARD AND POWER MANAGEMENT (%)**

40 / 40

41 / 42

40 / 43

**FUEL TANK CAPACITY DIESEL / UREA (LITRES)**

210 (250) / 39.5

210 (250) / 39.5

210 (250) / 39.5

**STANDARD TRANSMISSION****TRANSMISSION TYPE**S-Control CVT -  
continuously variable  
transmissionS-Control CVT -  
continuously variable  
transmissionS-Control CVT -  
continuously variable  
transmission

**MAXIMUM SPEED FORWARD (KP/H)**

50 or 40 Eco

50 or 40 Eco

50 or 40 Eco

**POWERSHUTTLE**

Standard

Standard

Standard

**CREEPER**

integrated

integrated

integrated

**OPTIONAL TRANSMISSION 1****TRANSMISSION TYPE**

-0

-

-

**MAXIMUM SPEED FORWARD (KP/H)**

-0

-

-

**POWERSHUTTLE**

-0

-

-

**CREEPER**

-0

-

-

**OPTIONAL TRANSMISSION 2****TRANSMISSION TYPE**

-0

-

-

**MAXIMUM SPEED FORWARD (KM/H)**

|    |   |   |
|----|---|---|
| -0 | - | - |
|----|---|---|

**POWERSHUTTLE**

|    |   |   |
|----|---|---|
| -0 | - | - |
|----|---|---|

**CREEPER**

|   |   |   |
|---|---|---|
| - | - | - |
|---|---|---|

**POWER TAKE OFF****PTO TYPE**

|   |   |   |
|---|---|---|
| Shiftable with progressive<br>electro-hydraulic<br>engagement | Shiftable with progressive<br>electro-hydraulic<br>engagement | Shiftable with progressive<br>electro-hydraulic<br>engagement |
|---|---|---|

**SPEED STANDARD @ RPM**

|   |   |   |
|---|---|---|
| 540 / 540E / 1000 @<br>1969 / 1546 / 1893 | 540 / 540E / 1000 @<br>1969 / 1546 / 1893 | 540 / 540E / 1000 @<br>1969 / 1546 / 1893 |
|---|---|---|

**SPEED OPTIONAL @ RPM**

|   |   |   |
|---|---|---|
| 540E / 1000 / 1000E @<br>1592 / 1893 / 1621 | 540E / 1000 / 1000E @<br>1592 / 1893 / 1621 | 540E / 1000 / 1000E @<br>1592 / 1893 / 1621 |
|---|---|---|

**GROUND DRIVE**

|        |        |        |
|--------|--------|--------|
| Option | Option | Option |
|--------|--------|--------|

**SHAFT TYPE**

|   |   |   |
|---|---|---|
| 1 3/8" 21 splines (1 3/8"<br>6 splines) | 1 3/8" 21 splines (1 3/8"<br>6 splines) | 1 3/8" 21 splines (1 3/8"<br>6 splines) |
|---|---|---|

**FRONT PTO AND HITCH**

**SPEED STANDARD @ RPM**

1000 @ 1895

1000 @ 1895

1000 @ 1895

**FRONT HITCH LIFT CAPACITY (KG)**

3100

3100

3100

**DRIVE AND STEERING (DRIVELINE)****2WD**

-

-

-

**4WD**

Yes

Yes

Yes

**FRONT AXLE SUSPENSION**

Option

Option

Option

**STEERING ANGLE (°)**

55

55

55

**MIN.TURNING RADIUS (M)**

4.6

4.6

4.6

**REAR AXLE DIFF-LOCK**Multi disc wet plate with  
management systemMulti disc wet plate with  
management systemMulti disc wet plate with  
management system**SERVICE BRAKE TYPE**

|  |  |  |
|--|--|--|
| Hydraulically operated<br>multiple wet disc brake,<br>self adjusting | Hydraulically operated<br>multiple wet disc brake,<br>self adjusting | Hydraulically operated<br>multiple wet disc brake,<br>self adjusting |
|--|--|--|

**ABS ANTI-LOCK BRAKING SYSTEM**

-

**HYDRAULIC SYSTEM****SYSTEM TYPE**

|   |   |   |
|---|---|---|
| Variable displacement,<br>pressure flow<br>compensated pump | Variable displacement,<br>pressure flow<br>compensated pump | Variable displacement,<br>pressure flow<br>compensated pump |
|---|---|---|

**MAX. PUMP FLOW RATE STANDARD / OPTION (LITRES)**

133 / -

133 / -

133 / -

**SYSTEM PRESSURE (BAR)**

210

210

210

**CONTROL TYPE**

|  |  |  |
|--|--|--|
| Electronic Hitch Control<br>(EHC) with hitch ride<br>control | Electronic Hitch Control<br>(EHC) with hitch ride<br>control | Electronic Hitch Control<br>(EHC) with hitch ride<br>control |
|--|--|--|

**MAX. LIFT CAPACITY (KG)**

7864

7864

7864

**OECD LIFT CAPACITY THROUGH RANGE @ 610 MM (KG)**

6796

6796

6796

**MAX. NUMBER OF REAR REMOTES VALVES**

4 elec.

4 elec.

4 elec.

**MAX. NUMBER OF MID MOUNT VALVES**

3

3

3

**REMOTE VALVE TIMER CONTROL**

0â€“30 seconds

0â€“30 seconds

0â€“30 seconds

**CATEGORY TYPE**

Cat. II / III

Cat. II / III

Cat. II / III

**SLIP CONTROL**

Option

Option

Option