



## 6175 Impuls CVT

## 6165 Impuls CVT

## 6150 Impuls CVT

### ENGINE

<b>Number of cylinders</b>	6	6	6
<b>Type</b>	Common Rail Diesel engine with 24 valves, turbocharged and intercooled	Common Rail Diesel engine with 24 valves, turbocharged and intercooled	Common Rail Diesel engine with 24 valves, turbocharged and intercooled
<b>Emission Level</b>	Stage V	Stage V	Stage V
<b>Capacity (cm<sup>3</sup>)</b>	6728	6728	6728

### ENGINE PERFORMANCE

<b>Maximum engine power with Power Management (hp (kW))</b>	225 (166)	210 (155)	190 (140)
<b>Maximum engine power (hp (kW))</b>	180 (132)	180 (132)	165 (121)
<b>@ engine speed (rpm)</b>	1800–1900	1800–1900	1800–1900
<b>Rated engine power with Power Management (hp (kW))</b>	205 (151)	190 (140)	175 (129)
<b>Rated engine power (hp (kW))</b>	180 (132)	165 (121)	150 (110)
<b>Rated engine speed (rpm)</b>	2200	2200	2200
<b>Maximum torque Power Management (Nm @ rpm)</b>	940 @ 1500	875 @ 1500	805 @ 1500
<b>Maximum torque (Nm @ rpm)</b>	770 @ 1500	770 @ 1500	700 @ 1500
<b>Torque rise Standard and Power Management (%)</b>	46 / 44	46 / 44	46 / 44
<b>Fuel tank capacity diesel / urea (litres)</b>	330 / 48	330 / 48	330 / 48



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### STANDARD TRANSMISSION

Transmission Type	S-Control CVT - continuously variable transmission	S-Control CVT - continuously variable transmission	S-Control CVT - continuously variable transmission
Maximum Speed Forward (kp/h)	40 Eco / 50 Eco	40 Eco / 50 Eco	40 Eco / 50 Eco
Powershuttle	Standard	Standard	Standard
Creeper	integrated	integrated	integrated

### OPTIONAL TRANSMISSION 1

Transmission Type	-	-	-
Maximum Speed Forward (kp/h)	-	-	-
Powershuttle	-	-	-
Creeper	-	-	-

### OPTIONAL TRANSMISSION 2

Transmission Type	-	-	-
Maximum Speed Forward (km/h)	-	-	-
Powershuttle	-	-	-
Creeper	-	-	-

### POWER TAKE OFF

PTO Type	Electro-hydraulic with Auto PTO control available	Electro-hydraulic with Auto PTO control available	Electro-hydraulic with Auto PTO control available
Speed Standard @ rpm	540 / 540E / 1000 @ 1969 / 1546 / 1893	540 / 540E / 1000 @ 1969 / 1546 / 1893	540 / 540E / 1000 @ 1969 / 1546 / 1893



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Speed Optional @ rpm	540E / 1000 / 1000E @ 1592 / 1893 / 1621	540E / 1000 / 1000E @ 1592 / 1893 / 1621	540E / 1000 / 1000E @ 1592 / 1893 / 1621
Ground drive	-	-	-
Shaft type	1 3/8" 21 splines (1 3/8" 6 splines)	1 3/8" 21 splines (1 3/8" 6 splines)	1 3/8" 21 splines (1 3/8" 6 splines)

### FRONT PTO AND HITCH

Speed Standard @ rpm	1000 @ 1895	1000 @ 1895	1000 @ 1895
Front hitch lift capacity (kg)	3568	3568	3568

### DRIVE AND STEERING (DRIVELINE)

2WD	-	-	-
4WD	Yes	Yes	Yes
Front axle suspension	Standard	Standard	Standard
Steering angle (°)	55	55	55
Min.turning radius (m)	5.45	5.45	5.45
Rear axle diff-lock	Multi disc wet plate with management system	Multi disc wet plate with management system	Multi disc wet plate with management system
Service Brake Type	Hydraulically operated multiple wet disc brake, self adjusting	Hydraulically operated multiple wet disc brake, self adjusting	Hydraulically operated multiple wet disc brake, self adjusting
ABS Anti-lock braking system	-	-	-

### HYDRAULIC SYSTEM

System Type	Variable displacement, pressure flow compensated pump	Variable displacement, pressure flow compensated pump	Variable displacement, pressure flow compensated pump
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<b>Max. pump flow rate Standard / Option (litres)</b>	<b>147 / 166</b>	<b>147 / 166</b>	<b>147 / 166</b>
<b>System pressure (bar)</b>	<b>210</b>	<b>210</b>	<b>210</b>
<b>Control type</b>	<b>Electronic Hitch Control (EHC) with hitch ride control</b>	<b>Electronic Hitch Control (EHC) with hitch ride control</b>	<b>Electronic Hitch Control (EHC) with hitch ride control</b>
<b>Max. lift capacity (kg)</b>	<b>8257</b>	<b>8257</b>	<b>8257</b>
<b>OECD lift capacity through range @ 610 mm (kg)</b>	<b>6616</b>	<b>6616</b>	<b>6616</b>
<b>Max. number of rear remotes valves</b>	<b>5 elec.</b>	<b>5 elec.</b>	<b>5 elec.</b>
<b>Max. number of mid mount valves</b>	<b>3</b>	<b>3</b>	<b>3</b>
<b>Remote valve timer control</b>	<b>0-60 seconds</b>	<b>0-60 seconds</b>	<b>0-60 seconds</b>
<b>Category type</b>	<b>Cat. III</b>	<b>Cat. III</b>	<b>Cat. III</b>
<b>Slip control</b>	<b>Standard</b>	<b>Standard</b>	<b>Standard</b>