

OPTUM CONNECT SPECIFICATIONS

TRACTORS FROM
270 - 340HP



MODELS	OPTUM 270 CVTDRIVE	OPTUM 300 CVTDRIVE	OPTUM 340 CVTDRIVE
ENGINE	FPT	FPT	FPT
Number of cylinders	6		
Type	Common Rail Diesel engine with 24 valves, eVGT single turbocharger and Hi-eSCR2 only exhaust after treatment		
Emission level	Stage V		
Capacity [cm ³]	6,728		
Maximum power ECE R120 ¹ [kW/hp(CV)]	212 / 288	230 / 313	250 / 340
... at engine speed [rpm]	1,800		
Rated power ECE R120 ¹ [kW/hp(CV)]	199 / 270	221 / 300	250 / 340
... at engine speed [rpm]	2,100		
Maximum torque [Nm @ 1,400rpm]	1,194	1,282	1,398
Torque rise [%]	32	28	23
Fuel tank, diesel / urea [litres]	630 / 96		
TRANSMISSION			
CVTDrive - continuously variable transmission 50kph ECO	●		
Powershuttle	●		
Rear axle diff-lock type	Multi disc wet plate with management system		
Service brake	Hydraulically operated multiple wet disc brake, self adjusting		
POWER TAKE OFF			
Type	Electro-hydraulic with Auto PTO control available		
Speeds	540 / 540E / 1,000 / 1,000E		
... at engine speeds [rpm]	1,871 / 1,598 / 1,853 / 1,583		
Shaft type Standard (Option)	1 3/8" 21 splines (1 3/8" 6 splines, 1 3/4" 20 splines)		
FRONT PTO AND FRONT HITCH			
Speeds	○ 1,000 / 1,000E		
... at engine speeds [rpm]	1,886 / 1,585		
Max. lift capacity [kg]	6,016		
OECD lift capacity through range @ 610mm [kg]	4,487		
FOUR-WHEEL DRIVE AND STEERING (DRIVELINE)			
Type	Electro-hydraulic with management system, electro-hydraulic differential lock and active front suspension system standard		
Front axle suspension	●		
Steering angle [°]	55		
Min. turning radius ² track setting 1,930mm [m]	7.7		
HYDRAULIC SYSTEM			
System type	Variable displacement, pressure flow compensated pump		
Max. pump flow rate Standard [l/min]	220		
System pressure [bar]	215		
Control type	Electronic Hitch Control (EHC) with cushion ride control		
Max. lift capacity through range [kg]	11,058		
OECD lift capacity through range @ 610mm [kg]	10,305		
Max. number of rear remote valves	5 electrical		
Max. number of mid mount valves with electronic joystick	3 electrical		
Remote valve timer control	1 - 60 seconds on all models		
Category type	Cat III / IVN		
Slip control	●		

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WEIGHT			
Approximate shipping weight [kg]		11,530	
Permissible total weight [kg]		16,800	
Max. permissible weight front single / dual wheels [kg]		7,500 / 6,500	
Max. permissible weight rear [kg]		11,600	
DIMENSIONS ²⁾			
A: Max. length with front and rear lower links down [mm]		5,825	
B: Total height [mm]		3,357	
C: Minimum width across rear tyres (min./max.) [mm]		2,536 / 2,993	
D: Wheel base [mm]		2,995	
E: Height at centre of rear axle, highest point (susp.cab) [mm]		2,341	
F: Track setting front [mm]		1,858 - 2,258	
rear [mm]		Bar axle: 1,840 - 2,374	

● Standard Equipment ○ Optional Equipment - Not available ¹⁾ ECE R120 correspond to ISO 14396 and 97 / 68 / EC ²⁾ With standard tyres





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