

		X4.080 F-N-V-XL	X4.090 F-N-V-XL	X4.100 F-N-V-XL	X4.110 F-N-V-XL	X4.120 F-N-V-XL
Motor						
Producator		Deutz AG				
Model		TCD 2.9 L4 HT			TCD 2.9 L4 HP	
Putere nominala (ISO)	cp/kW	75 / 56	78 / 58	85 / 63	95 / 70	104 / 77
Putere maxima (ISO)	cp/kW	75 / 56	90 / 66	95 / 70	102 / 75	112 / 82
Turatie nominala motor	rpm	2200				
Turatie maxima motor	rpm	1500	1700	1700	1800	2000
Cuplu maxim	Nm	375	378	400	410	420
Turatia motorului cuplu maxim	rpm	1600				
Rezerva de cuplu	%	56	50	46.3	34.9	25.7
Capacitate cilindrica	cm ³	2900				
Cilindri /Nr Valve		4 TA / 8				
Categorie emisii		Stage V / Tier 4 Final				
Tratarea emisilor		EGR + DOC + DPF			EGR + DOC + DPF + SCR	
Sistem filtru de aer		Power Core				
Sistem admisie aer		Turbo aftercooler				
Sistem de injectie combustibil		Common rail				
Interval de intretinere		1000 ore				
Sistem racire		lichid				
Ventilator		○ viscostatic				
		●				
CAPACITATI						
Rezervor motorina	l	80 (F) / 65 (N-V) / 85 (XL)				
AdBlue / DEF rezervor	l	~			7.5	
Rezervor lichid de racire	l	5				
TRANSMISIE						
Tip		● 4 viteze ○ 4 viteze (Hi-Lo) / P3-Drive (HML)				
Nr trepte de viteza FWD+REV		○ 16 + 16 creeper / 32 + 32 Hi-Lo +creeper / 48 + 16 HML +creeper				
Viteza minima	m/h	300 (F) / 280 (S-V) / 340 (XL)				
ECO Turatia motorului 40 km/h	rpm	○ 1750 (cu Hi-Lo/HML)				
Controlul transmisiei		● Manual (4 viteze) - ○ robotizata cu joystick (RoboShift)				
Rever		● mecanica synchro shuttle - ○ electrohidraulic RPS cu controlul modulatiei				
PUNTE FATA-SPATE						
Punte fata rigida		● rigid - ○ suspendata (F-N-XL)				
Tip tractiune		4WD cuplare electrohidraulica				
Diferential fata		● Alunecare limitata (F-N-XL cu punte ridiga) / ○ Hydra-Lock (rigida /punte fata suspendata)				
PRIZA DE PUTERE SPATE						
Tip		● Ambreaj servoasistat ○ Electrohidraulic multidisc(with RPS)				
Rotatii la priza de putere	rpm	● 540-540E - ○ 540-1000 / 540-540E-1000-1000E / ground speed PTO				
Turatiile motorului		1944 (540) / 1628 (540E) / 1917 (1000) / 1621 (1000E)				
Auto PTO		○ Cuplare electrohidraulica				
SISTEM DE FRANARE						
Sistem de franare fata		~ (V) - ○ Multidisc (cu Hydra-Lock axa fata)				
Sistem de franare spate		multidisc				
Frana de parcare		mecanica				
Sistem de franare remorca		○ hidraulica MR & EEC directive / hidraulica CUNA regulations				
SISTEM HIDRAULIC						
Circuit - Tip pompa		● Circuit deschis - dubla - ○ Circuit deschis - tripla				
Cuplaj - Directie	l/min	● 58+30 - ○ 30+58+36				
Valve hidraulice spate		● 2 mecanic - ○ 3 mecanic / 3 mecanic + 1 electrohidraulic / 4 electrohidraulic				
Cuplaje rapide frontale		○ 2 + 1 retur liber / 4 + 2 retur liber / 6 + 2 retur liber / 8 + 2 retur liber				
Retur liber		●				

PLATFORM

		X4.080 F-GE-GB-XL	X4.090 F-GE-GB-XL	X4.100 F-GE-GB-XL	X4.110 F-GE-GB-XL	X4.120 F-GE-GB-XL
ENGINE						
Producator		Deutz AG				
Model		TCD 2.9 L4 HT		TCD 2.9 L4 HP		
Putere nominala(ISO)	hp/kW	75 / 55	79 / 58	86 / 63	95 / 70	105 / 77
Putere maxima (ISO)	hp/kW	75 / 55	90 / 66	95 / 70	102 / 75	112 / 82
Turatie nominala motor	rpm	2200				
Turatie maxima motor	rpm	1500	1700	1700	1800	2000
Cuplu maxim	Nm	375	378	400	410	420
Cuplu maxim la turatie maxima	rpm	1600				
Rezerva putere	%	56	50	46.3	34.9	25.7
Displacement	cm ³	2900				
Cilindri / Valvee		4 TA / 8				
Categorie emisii		Stage V / Tier IV				
Tratarea emisilor		EGR + DOC + DPF	EGR + DOC + DPF + SCR			
Filtru aer		Power Core				
Filtru admisie		Turbo Intercooler				
Filtru combustibil		Sistem de injectie electronic-pompa CommonRail				
Interval mentenanta		1000 hours				
Sistem racire		lichid				
Ventilator		○ viscostatic				
Memorizator turatie		●				
CAPACITIES						
Rezervor combustibil	L	65 (F-GE-GB) / 70 (XL)				
AdBlue / DEF rezervor	L	7.5				
Rezervor antigel		5				
TRANSMISSION						
Tip		● 4 viteze - ○ 4 viteze (Hi-Lo) / Xtrashift (HML)				
Numar viteze FWD+REV		● 12 + 12 - ○ 16 + 16 creeper / 24 + 24 Hi-Lo / 32 + 32 Hi-Lo+creeper / 36 + 12 HML / 48 + 16 HML+creeper				
Viteza minima	m/h	300 (F) / 280 (GE-GB) / 340 (XL)				
ECO viteza eco la 40 km/h	rpm	○ 1750 (w/Hi-Lo/HML)				
Controlul transmisiei		manual				
Inversor		● Mecanic synchro shuttle - ○ electrohidraulic RPS cu controlul modulatiei				
FRONT AND REAR AXLES						
Tip axa fata		● rigida - ○ suspendata (F-XL)				
Tip tractiune		4WD cuplare electrohidraulica				
Cuplare diferential tip		● Alunecare limitata (rigid) - ○ Hydra-Lock (rigid / punte fata suspendata)				
REAR PTO						
Tip		● servoasistat ○ Ambreaj electrohidraulic multidisc (w/RPS)				
Rotatii	rpm	● 540-540E - ○ 540-1000 / 540-540E-1000-1000E / PTO sincronizata cu viteza de inaintare				
Rotatiile motorului corelate cu priza de putere	rpm	1944 (540) / 1628 (540E) / 1917 (1000) / 1621 (1000E)				
Rotatii - tip ax PTO		In sensul acelor de ceasornic (vazut din spatele tractorului) - 1-3/8" PTO ax cu 6 caneluri				
Auto PTO		○ w/electronic high spate				
BRAKING SYSTEM						
Sistem franare fata		○ franare multidisc (w/Hydra-Lock front axle)				
Sistem franare spate		franare multidisc				
Frana de parcare		mechanic				
Sistem Franare remorci		○ Franare hidraulic MR & EEC directive / franare hidraulica as per CUNA reglementari				
HYDRAULIC SYSTEM						
Tip circuit - tip pompa		● Circuit deschis -dubla- ○ Circuit deschis - pompa tripla				
Cuplaj - Sistem directie	l/min	● 58+30 - ○ 30+58+36				
Valve spate		● 2 mecanic - ○ 3 mecanic / 3 mecanic + 1 electrohidraulic / 4 electrohidraulic				
Valve mediane		○ 1 electrohidraulic / 3 electrohidraulic				
Cuplaj frontal		○ 2 + 1 retur liber / 4 + 1 retur liber				
Retur liber		●				
Divizor flux/selector flux		○ 2/3 sectiuni				