

X4+F



X4.080 - X4.090 - X4.100
X4.110 - X4.120 F/N/V/XL




MCCORMICK

Power Technology.

		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
ENGINE						
Manufacturer		Deutz AG				
Model		TCD 2.9 L4 HT				
Rated power (ISO)	hp/kW	TCD 2.9 L4 HP				
Max power (ISO)	hp/kW	75 / 55	79 / 58	86 / 63	95 / 70	105 / 77
Rated engine speed	rpm	75 / 55				
Max power engine speed	rpm	2200				
Max torque	Nm	1500	1700	1700	1800	2000
Max torque engine speed	rpm	375				
Torque backup	%	378				
Displacement	cm ³	400				
Cylinders / Valves		1600				
Emissions category		4 TA / 8				
After-treatment system		Stage V / Tier 4 Final				
Maintenance interval	hrs	EGR + DOC + DPF	EGR + DOC + DPF + SCR			1000 hours
CAPACITIES						
Fuel tank capacity	l	80 (F) / 60 (N-V) / 85 (XL)				
AdBlue / DEF tank capacity	l	~	7.5			
TRANSMISSION						
Type		● Speed Four - ○ Power Four (Hi-Lo) / P3-Drive (HML)				
No. of gears FWD + REV		○ 16+16 creeper / 32+32 Hi-Lo+creeper / 48+16 HML + creeper				
Minimum speed	m/h	300 (F) / 280 (N-V) / 340 (XL)				
ECO engine speed at 40 km/h	rpm	○ 1750 (w/Hi-Lo/HML)				
Transmission control		● manual (Speed Four / Power Four) - ○ robotised with multifunction joystick (P3-Drive)				
Reverse shuttle		● mechanical synchro shuttle - ○ electrohydraulic RPS with modulation control				
FRONT AND REAR AXLES						
Front axle		● rigid - ○ suspended (F-N-XL)				
Traction		4WD with electrohydraulic engagement				
Front differential lock		● limited slip (F-N-XL w/rigid front axle) / Hydralock (V) - ○ Hydralock (rigid / suspended)				
REAR PTO						
Type		● servoassisted clutch - ○ electro-hydraulic multidisc clutch (w/RPS)				
Speeds	rpm	● 540-540E - ○ 540-1000 / 540-540E-1000-1000E / ground speed PTO				
Auto PTO		○ w/electronic rear hitch				
BRAKING SYSTEM						
Front braking system		- (V) - ○ wet multidisc brakes (w/Hydralock front axle)				
Rear braking system		wet multidisc brakes				
Parking brake		mechanical				
Trailer braking system		○ hydraulic brake as per MR & EEC directives / hydraulic brake as per CUNA regulations				
HYDRAULIC SYSTEM						
Circuit type - pump type		● open-centre - dual pump - ○ open-centre - triple pump				
Flow rate hitch & remotes + steering	l/min	● 58+30 - ○ 30+58+36 (88 available for front and rear hitch & remotes)				
Rear remote valves		● 2 mechanical - ○ 3 mechanical / 3 mechanical + 1 electrohydraulic / 4 electrohydraulic				
Mid-mounted remote valves		○ 1 electrohydraulic / 3 electrohydraulic				
Front quick couplings		○ 2 + 1 free flow return / 4 + 2 free flow return / 6 + 2 free flow return / 8 + 2 free flow return				
Free flow oil return		●				
Flow diverter w/flow selector		○ 2 / 3 sections				
REAR HYDRAULIC HITCH						
Type		● mechanical with E.L.S. and position/draft/mixed/float control - ○ electronic with position/draft/mixed control				
Category - coupler type		● Cat.2 - fixed ball ends - ○ Cat.2 - quick hooks w/mechanical or hydraulic top link				
ELS - Ergonomic Lift System		● for mechanical rear hitch				
Max. lifting capacity at hitch points	kg	● 2700 - ○ 3400 (XL w/assistor rams)				
FRONT HYDRAULIC HITCH						
Type		○ electro-hydraulic				
Category - coupler type		Cat.1/2/2N - quick hooks				
Max. lifting capacity at hitch points	kg	1700 (F-N-XL) / 1400 (V)				
FRONT PTO						
Type		- (V) - ○ electro-hydraulic multidisc with modulated engagement (F-N-XL)				
Speeds	rpm	1000				
Rotation - spline shaft type		counter-clockwise (viewed from tractor front) - 1-3/8" PTO shaft with 6 splines				
CAB AND DRIVING POSITION						
Cab type		● high-visibility 4-post monocoque cab with flat floor and opening front & rear windows				
Cab suspension		● suspended on Hydro silent blocks - ○ mechanical suspension on dampers (F-XL)				
In-cab noise level	dB(A)	73				
Cab air filter - Filtration category		● dust filter - Cat.2 - ○ active carbon filter - Cat.4				
Air conditioning		● manual A/C				
Radio system		● radio ready - ○ DAB radio and sound system				
Lights		● halogen driving and working lights - ○ LED driving and working lights				
ON-BOARD TECHNOLOGY						
Front / rear ISOBUS		○ rear ISOBUS socket				
McCormick Fleet Management - ready		●				
Fleet & Remote Diagnostic management and McCormick Farm Pro Pack		on selected markets ● 1 year - ○ 3 years - ○ 5 years				
WEIGHTS AND DIMENSIONS						
Wheelbase	mm	2140 (F-N-XL) / 2190 (V)				
Height from top of cab to rear axle centre	mm	1875 (Cat.2) / 1930 (Cat.4)				
Height from top of hood to rear axle centre	mm	825 (885 at hood top point)				
Min-max overall width	mm	1330-1770 (F) / 1330-1770 (N) / 1000-1680 (V) / 1500-1950 (XL)				
Min rear tyres - Index Radius (IR)	mm	380/70R24 - 575 (F-N) / 360/70R20 - 500 (V) / 420/70R24 - 600 (XL)				
Max rear tyres - Index Radius (IR)	mm	420/70R28 - 650 (F-N) / 360/70R28 - 600 (V) / 420/70R30-480/70R28 - 675 (XL)				
Shipping weight	kg	2900 - 3250 (XL)				
Gross vehicle weight	kg	5250				
Mounting frame for front- and mid-mount implements		● chassis with integrated mounting frame for front- and mid-mount implements - ○ supports for mid-mount implements				
Front weights	kg	○ 6x28 / 8x28 / 4x42 / 8x42 (F-N) - ○ 6x36 / 8x36 (XL) - ○ 6x28 (V)				
Rear weights	kg	○ 2x45 (1 x wheel) / 4x45 (2 x wheel)				

Key: ● standard ○ option ~ not available