

TECHNICAL DATA - MODELS WITH PS-DRIVE TRANSMISSION		X7.650 PS DRIVE
<b>ENGINE</b>		
TIER 4 INTERIM / STAGE 3B		BETAPOWER
ELECTRONIC HIGH PRESSURE COMMON RAIL		●
TURBO/AIR-TO-AIR INTERCOOLER		●
MAX. ENGINE POWER WITH POWER PLUS AT 1900 RPM (ISO TR 14396 ECE R120)	HP/KW	–
RATED ENGINE POWER WITH POWER PLUS AT 2200 RPM (ISO TR 14396 ECE R120)	HP/KW	–
MAX. ENGINE POWER AT 1900 RPM (ISO TR 14396 ECE R120)	HP/KW	160/118
RATED ENGINE POWER AT 2200 RPM (ISO TR 14396 ECE R120)	HP/KW	152/112
RATED ENGINE SPEED	RPM	2200
MAX. TORQUE (WITH POWER PLUS) (ISO TR 14396 ECE R120)	NM	676 ( – )
ENGINE RPM @ MAX. TORQUE (WITH POWER PLUS)	RPM	1500 ( – )
ENGINE RPM @ MAX. POWER (WITH POWER PLUS)	RPM	1800 ( – )
TORQUE RISE (WITH POWER PLUS)		41% ( – )
BORE / STROKE	MM	104 / 132
DISPLACEMENT (CM <sup>3</sup> ) / NO. OF CYLINDERS/ NO. OF VALVES		6728 / 6 / 24
COMPRESSION RATIO		17.1:1
WATER COOLING		●
AXIAL AIR FILTER WITH CYCLONE PRE-CLEANING		●
AIR FILTER EJECTOR		●
S.C.R. EXHAUST SYSTEM		●
ADBLUE TANK CAPACITY	L	38
FUEL TANK CAPACITY	L	320
<b>CLUTCH</b>		
MULTI-DISC WET CLUTCH		●
<b>PS-DRIVE TRANSMISSION</b>		
PS-DRIVE + POWER SHUTTLE: 24FWD+24REV (4 POWERSHIFT SPEEDS IN 6 RANGES)		●
PS-DRIVE+CREEPER+POWER SHUTTLE: 40FWD+40REV(4 POWERSHIFT SPEEDS IN 6 RANGES)		○
ELECTRO-HYDRAULIC RANGE SHIFTING		●
ECO FOURTY (40 KM/H) AT REDUCED ENGINE SPEED		●
TOP FIFTY (50 KM/H)		○
REVERSE POWER SHUTTLE		●
ELECTROHYDRAULIC DIFFERENTIAL LOCK ON REAR AXLE		●
FLANGED-TYPE AXLE		●
BAR-TYPE AXLE		○
<b>POWER TAKE-OFF</b>		
WET MULTI-DISC PTO CLUTCH		●
MODULATED ELECTROHYDRAULIC ENGAGEMENT		●
FOUR SPEEDS: 540/540E/1000/1000E RPM		●
1"3/8 PTO SHAFT WITH 6 AND 21 SPLINES		●
<b>FRONT 4WD AXLE</b>		
RIGID TYPE		●
WITH ELECTRONICALLY-CONTROLLED HYDRAULIC SUSPENSIONS		○
ELECTROHYDRAULIC 4WD ENGAGEMENT		●
MAX. STEERING ANGLE		55°
ELECTROHYDRAULIC DIFFERENTIAL LOCK		●
TURNING RADIUS	MM	4900
<b>BRAKING SYSTEM</b>		
WET MULTI-DISC REAR BRAKES		●
AUTOMATIC 4WD ENGAGEMENT ON BRAKING		●
BRAKING BOOSTER SYSTEM SERVO BRAKE		●
HYDRAULIC TRAILER BRAKING		○
PNEUMATIC TRAILER BRAKING		○

Key: ● standard ○ option – non available



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<b>HYDRAULIC SYSTEM</b>		
OPEN-CENTRE CIRCUIT (EFFICIENT MODEL)		●
HYDRAULIC PUMP FLOW (EFFICIENT MODEL)	L/MIN	88
STEERING PUMP FLOW (EFFICIENT MODEL)	L/MIN	44
CLOSED-CENTRE CIRCUIT (PREMIUM MODEL)		●
HYDRAULIC PUMP FLOW (PREMIUM MODEL)	L/MIN	123
STEERING PUMP FLOW (PREMIUM MODEL)	L/MIN	44
ELECTROHYDRAULICALLY-CONTROLLED REMOTE VALVES (EFFICIENT MODEL)	STD/OPT	2/4 - 6
ELECTROHYDRAULICALLY-CONTROLLED REMOTE VALVES (PREMIUM MODEL)	STD/OPT	3/5 - 7
<b>CAN BUS LIFT CONTROL HITCH</b>		
ELECTRONICALLY-CONTROLLED HITCH		●
FUNCTIONS: POSITION, MIXED AND FLOAT CONTROL, SHOCK ABSORBER		●
MAX. LIFT CAPACITY (EFFICIENT MODEL)	KG	6300
MAX. LIFT CAPACITY (PREMIUM MODEL)	KG	9300
DRAFT SENSING ON LOWER LINKS		●
THREE-POINT HITCH	CAT.	3N / 3
FRONT HITCH AND PTO (LIFT CAPACITY KG)		3500 ○
<b>CAB AND DRIVING POSITION</b>		
PREMIERE CAB WITH FOUR-POST DESIGN AND FLAT-DECK PLATFORM		●
MCCORMICK SUSPENDED HYDRO CAB-ELECTRONICALLY-CONTROLLED HYDRAULIC CAB SUSPENSION		○
HEATING / VENTILATION		●
AIR-CONDITIONING (EFFICIENT MODEL)		●
CLIMATE CONTROL (PREMIUM MODEL)		●
DIGITAL INSTRUMENT PANEL WITH PERFORMANCE MONITOR		●
SUPER DELUXE AIR SUSPENSION SEAT WITHOUT ARMREST (EFFICIENT MODEL)		●
SUPER DELUXE AIR SUSPENSION SEAT WITH ARMREST (PREMIUM MODEL)		●
DELUXE LOW-FREQUENCY AIR SUSPENSION SEAT WITH VENTILATION AND ARMREST (PREMIUM MODEL)		○
RADIO / BLUETOOTH / MP3 READY		●
ISOBUS ADAPTOR		○
12" DSM TOUCHSCREEN MONITOR		○
SATELLITE GUIDANCE KIT (8" MONITOR + ANTENNA)		○
HIDE AWAY BUDDY SEAT + AIR-CONDITIONED IN-CAB STORAGE COMPARTMENT		●
LED LIGHTS		●
<b>DIMENSIONS AND WEIGHTS</b>		
FRONT TYRES		540/65R28
REAR TYRES		650/65R38
A - MAX. LENGTH (WITH BALLAST WEIGHTS)	MM	5260
B - MIN. WIDTH	MM	2430
C - WHEELBASE	MM	2750
D - HEIGHT OVER CAB	MM	2920
E - GROUND CLEARANCE	MM	550
WEIGHT WITH EMPTY TANK, WITHOUT BALLAST WEIGHTS	KG	6810
<b>OPTIONAL EQUIPMENT</b>		
FRONT BALLAST WEIGHTS 45 KG EACH		16
FRONT HITCH (MAX. LIFT CAPACITY)	KG	3500 ○
FRONT HITCH AND PTO		○
FRONT WEIGHT FOR HITCH 800 KG		○
FRONT WEIGHT FOR HITCH 1400 KG		○

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