

# SPECIFICATIONS

MODEL	LX3520DTN	LX3520HSD	LX4020HSD	LX3520HSDC	LX4020HSDC	LX3520SUHSDC
<b>ENGINE</b>						
Type	Direct injection, vertical, water-cooled, 4 -cycle diesel with turbo chager					
Make, Model	V1505-CR-TE5-D40R6	V1505-CR-TE5-D40R5	V1505-CR-TE5-D40R5	V1505-CR-TE5-D40Q4	V1505-CR-TE5-D40Q4	V1505-CR-TE5-D40Q4
PTO Horsepower <i>HP (kW)</i>	29.6 (22.1)	28.7 (21.4)	32.6 (24.3)	28.7 (21.4)	31.2 (23.3)	28.7 (21.4)
Engine Gross Horsepower* <i>HP (kW)</i>	34.9 (26.0)		39.8 (29.7)	34.9 (26.0)	39.8 (29.7)	34.9 (26.0)
Rated RPM <i>rpm</i>	2600	2700				
Bore & Stroke <i>in. (mm)</i>	3.1 × 3.1 (78 × 78.4)					
Displacement <i>cu. in. (cc)</i>	91.4 (1498)					
Air Cleaner	Paper filter with (dual element)					
Lubrication	Forced lubrication					
Cooling System	Pressurized radiator					
Radiator Fan	Radial air flow					
<b>CAPACITIES</b>						
Fuel Tank <i>gal (ℓ)</i>	8.5 (32.0)					
Cooling System <i>qts. (ℓ)</i>	4.5 (4.3)			5.7 (5.4)		
Engine Oil <i>qts. (ℓ)</i>	5.0 (4.7)					
Transmission Case <i>gal (ℓ)</i>	5.5 (21.0)	6.3 (24.0)				
<b>DRIVE TRAIN</b>						
Clutch	Dry type single stage	N / A				
Transmission	Gear	HST (3 ranges)				
Differential Lock	Standard					
Final Drive	Spur gear					
Brake	Multi-plate wet disk					
<b>PTO</b>						
Type	Independent					
Rear <i>rpm</i>	540					
Mid <i>rpm</i>	N / A	2460				OPT



\* SAE J1995

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MODEL		LX3520DTN	LX3520HSD	LX4020HSD	LX3520HSDC	LX4020HSDC	LX3520SUHSDC
<b>HYDRAULICS</b>							
Type		Open center					
Pump		Dual pump					
Total Pump Output	<i>gpm (L/min.)</i>	9.1 (34.5)	9.5 (35.8)				
Hydraulic Outlet		Rear outlet					
3-point Hitch		Category I					
Hydraulic Control System		Position control					
Lift Capacity at Lift Point	<i>lbs. (kg)</i>	2348 (1065)	2535 (1150)				
24" Behind Lift Point	<i>lbs. (kg)</i>	1819 (825)	1962 (890)				
Steering		Hydrostatic power steering					
<b>STANDARD TIRE SIZE</b>							
Front	<i>R1</i>	7-12					
	<i>R4</i>	23 x 8.50-14					
	<i>R14</i>	23 x 8.50-12					
Rear	<i>R1</i>	12.4 - 16					
	<i>R4</i>	12.4 - 16					
	<i>R14</i>	14 - 17.5					
<b>TRAVELING SPEEDS (AT RATED ENGINE RPM)</b>							
Forward (R1)	<i>mph (km/h)</i>	14.7 (23.6)	0-17.0 (0-27.4)				
Reverse (R1)	<i>mph (km/h)</i>	14.6 (23.3)	0-14.0 (0-22.6)				
<b>DIMENSIONS (W/ R1 TIRES)</b>							
Overall Length (w/o 3P)	<i>in. (mm)</i>	2494 (98.2)	101.6 (2580)				
Overall Width (min. tread)	<i>in. (mm)</i>	39.4 (1000)	53.7 (1365)				
Overall Height	<i>in. (mm)</i>	84.0 (2134)	88.4 (2240)	88.2 (2240)	85.6 (2175)		
Wheelbase	<i>in. (mm)</i>	61.0 (1550)	66.7 (1695)				
Ground Clearance	<i>in. (mm)</i>	12.8 (325)	8.9 (225)				12.8 (325)
Turning Radius with Brake	<i>feet (m)</i>	7.5 (2.1) Front drive disengaged	7.5 (2.3) Front drive disengaged				
Weight	<i>lbs. (kg)</i>	2154 (977)	2191 (994)		2624 (1190)		2590 (1175)