

NEW

6L Series

6-145 • 6-160 • 6-175



		6-145 L	6-160 L	6-175 L
ENGINE				
TIER 4 I INTERIM / STAGE 3B		NEF 4 CYL CR TAA	NEF 4 CYL CR TAA	NEF 4 CYL CR TAA
MAX ENGINE POWER AT 1900 RPM (ISO TR 14396 ECE R120)	HP/KW	143 / 105	163 / 120	176 / 129
RATED ENGINE POWER AT 2200 RPM (ISO TR 14396 ECE R120)	HP/KW	131 / 96	150 / 110	170 / 125
MAX. TORQUE AT 1500 RPM (ISO TR 14396 ECE R120)	LB (NM)	434 (590)	497 (676)	500 (680)
BORE / STROKE	IN (MM)	4.1/5.2 (104/132)	4.1/5.2 (104/132)	4.1/5.2 (104/132)
DISPLACEMENT CU. IN. (CM ³) / NO. OF CYLINDERS / NO. OF VALVES		274 (4500) / 4 / 16	274 (4500) / 4 / 16	274 (4500) / 4 / 16
EXHAUST SYSTEM S.C.R.		●	●	●
CAPACITY ADBLUE	GAL. (LT)	10 (38)	10 (38)	10 (38)
FUEL TANK CAPACITY	GAL. (LT)	70.5 (270)	70.5 (270)	70.5 (270)
CLUTCH				
DOUBLE-PLATE DRY CLUTCH	14" (355 MM)	●	●	●
MECHANICALLY OPERATED		●	●	●
MULTI-DISC WET CLUTCH		○	○	○
DE-CLUTCH CONTROL: CLUTCH WITH BUTTON		○	○	○
TRANSMISSION				
SPEED SIX + REV. SHUTTLE: 18FWD + 18REV		●	●	●
SPEED SIX + CREEPER + REV. SHUTTLE: 36FWD + 36REV		○	○	○
SPEED SIX + T-TRONIC + HYDR. REV. SHUTTLE: 54FWD + 18REV		○	○	○
SPEED SIX + T-TRONIC + CREEPER + HYDR. REV. SHUTTLE: 105FWD + 36REV		○	○	○
BAR-TYPE AXLE		—	○	○
P.T.O.				
HYDRA P.T.O. OIL IMMERSED		●	●	●
ELECTROHYDRAULIC CONTROL		●	●	●
2 SPEEDS: 540/1000 RPM		●	●	●
GROUND SPEED PTO		●	●	●
4WD FRONT AXLE				
RIGID TYPE		●	●	●
ELECTROHYDRAULIC 4WD ENGAGEMENT		●	●	●
MAX. STEERING ANGLE 55°		○	○	○
TWIN-LOCK ELECTROHYDRAULIC DIFF-LOCKS		○	○	○
BRAKES (INTEGRAL BRAKING SYSTEM)				
OIL-IMMERSED GRAPHITE-COATED REAR BRAKES	10 DISCS	●	●	●
OIL-IMMERSED GRAPHITE-COATED FRONT BRAKES	4 DISCS	●	●	●
HYDRAULIC TRAILER BRAKING		○	○	○
PNEUMATIC TRAILER BRAKING		○	○	○
HYDRAULIC POWER LIFT				
ELECTRONICALLY OPERATED		●	●	●
FUNCTIONS: POSITION CONTROL, INTERMIX, FLOAT POSITION, SHOCK ABSORBER		●	●	●
LIFTING CAPACITY WITH 2 AUXILIARY CYLINDERS Ø 3,54 IN (90 MM)	LB (KG)	15400 (7000)	15400 (7000)	15400 (7000)
HYDRAULIC FLOW @ REMOTE (ELECTRONICALLY POWER LIFT)	GPM (L/MIN)	23 (87)	23 (87)	23 (87)
TOTAL HYDR. FLOW (ELECTRONICALLY POWER LIFT)	GPM (L/MIN)	33 (125)	33 (125)	33 (125)
CAT. 2 AND 3 THREE-POINT LINKAGE		●	●	●
HYDRAULIC ADJUSTMENT OF RIGHT LIFTING ROD AND TOP LINK		○	○	○
AUXILIARY VALVES N° STD/OPT		3/5	3/5	3/5
FRONT POWER LIFT				
MECHANICALLY OPERATED (RAISING/LOWERING AND FLOAT POSITION)		○	○	○
LIFT CAPACITY 7700 LB (3500 KG)		○	○	○
CAT. 2 THREE-POINT LINKAGE		○	○	○
FRONT HITCH AND P.T.O.		○	○	○
NEW CAB AND DRIVING SEAT				
"MASTER CLASS" CAB /AUTO-RADIO FITTING FACILITIES		●	●	●
AIR-CONDITIONING		●	●	●
MECHANICAL SEAT		●	●	●
PNEUMATIC SUSPENSION SEAT		○	○	○
DIMENSIONS AND WEIGHTS				
FRONT TYRES		480/65R28	480/65R28	480/65R28
REAR TYRES		650/65R38	650/65R38	650/65R38
HEIGHT OVER CAB	IN (MM)	110 (2800)	110 (2800)	110 (2800)
WHEELBASE	IN (MM)	107 (2734)	107 (2734)	107 (2734)
MAX. LENGTH (WITH BALLAST WEIGHTS)	IN (MM)	207 (5270)	207 (5270)	207 (5270)
GROUND CLEARANCE	IN (MM)	19.5 (500)	19.5 (500)	19.5 (500)
MIN/MAX WIDTH	IN (MM)	87/99 (2220/2520)	87/99 (2220/2520)	87/99 (2220/2520)
TOTAL WEIGHT (WITHOUT BALLAST WEIGHTS)	LB (KG)	13200 (6000)	13530 (6150)	13530 (6150)
OPTIONAL EQUIPMENT				
FRONT WEIGHTS 99 LB. (45 KG) EACH		16	16	16

Key: ● standard ○ option — not available