

NEW

5D-HC Series-T4^{interim}

90 - 100 - 110



		5-090D-HC	5-100D-HC	5-110D-HC
ENGINE				
PERKINS "TIER4 INTERIM" DIRECT-INJECTION ENGINE		854E-E34TA	854E-E34TA	854E-E34TA
MAX. POWER (ISO)	HP/KW	85 / 62,5	95 / 70	102 / 75
RATED SPEED	RPM	2200	2200	2200
MAX. TORQUE	LB. (NM)	260 (354)	290 (395)	310 (420)
MAX. TORQUE SPEED	RPM	1400	1400	1400
BORE/STROKE	IN. (MM)	3,9 / 4,3 (99/110)	3,9 / 4,3 (99/110)	3,9 / 4,3 (99/110)
DISPLACEMENT / NR. OF CYLINDERS	CU. IN. (CM³)	207 (3400) /4 TA	207 (3400) /4 TA	207 (3400) /4 TA
COMPRESSION RATIO		17:1	17:1	17:1
WATER COOLING		●	●	●
AIR FILTER		●	●	●
FUEL TANK CAPACITY	GAL. (LT)	27.2 (102)	27.2 (102)	27.2 (102)
CLUTCH				
INDEPENDENT DRY DUAL CLUTCH	IN. (MM)	11	12	12
MECHANICALLY OPERATED		●	●	●
TRANSMISSION				
MECH. REV. SHUTTLE + SPEED FOUR: 12FWD+12REV (30 KM/H)		●	●	●
MECH. REV. SHUTTLE + SPEED FOUR + CREEPER: 16FWD + 16REV (30 KM/H)		○	○	○
REAR ELECTROHYDRAULIC DIFF-LOCKS (ONLY 2WD)		●	●	●
POWER TAKE-OFF				
POWER-ASSISTED MECHANICAL ENGAGEMENT		●	●	●
2 SPEEDS 540/750	RPM	●	●	●
2 SPEEDS 540/1000	RPM	○	○	○
1"3/8 (34,9 MM) PTO SHAFT WITH 6 SPLINES		●	●	●
GROUND SPEED PTO		●	●	●
NET PTO POWER (ISO)	HP/KW	71,5 / 52,5	81,5 / 60	88 / 64,5
4WD FRONT AXLE				
ELECTROHYDRAULIC 4WD ENGAGEMENT		●	●	●
MAX. STEERING ANGLE		55°	55°	55°
TWIN-LOCK ELECTROHYDRAULIC DIFF-LOCKS		●	●	●
BRAKES				
HYDROSTATIC CONTROL		●	●	●
OIL-IMMERSED GRAPHITE-COATED REAR BRAKES, 10 DISCS		●	●	●
HYDRAULIC POWER LIFT				
DRAFT, POSITION, INTERMIX AND FLOATING CONTROL FUNCTIONS		●	●	●
MECHANICALLY OPERATED		●	●	●
ERGONOMIC LIFT SYSTEM		●	●	●
REAR CONTROL LEVER		○	○	○
LIFTING CAPACITY WITH 2 AUXILIARY CYLINDERS 50 MM	LB. (KG)	9570 (4350) ●	9570 (4350) ●	9570 (4350) ●
MAX. OPERATING PRESSURE	PSI (BAR)	2600 (180)	2600 (180)	2600 (180)
HYDRAULIC FLOW @ REMOTE	GPM (LT/MIN)	13.8 (52.3)	13.8 (52.3)	13.8 (52.3)
TOTAL HYDRAULIC FLOW	GPM (LT/MIN)	21.6 (82.2)	21.6 (82.2)	21.6 (82.2)
CAT 2 THREE-POINT LINKAGE		●	●	●
STD AUXILIARY VALVES*		2	2	2
CAB AND DRIVING SEAT				
"TOTAL VIEW" CAB / AUTO-RADIO FITTING FACILITIES		●	●	●
AIR-CONDITIONING		○	○	○
CAB MOD. COMFORT + SIDE EXHAUST + MECHANICALLY SUSPENDED SEAT		○	○	○
CAB MOD. COMFORT + SIDE EXHAUST + PNEUMATICALLY SUSPENDED SEAT		○	○	○
ANALOG INSTRUMENTS		●	●	●
SUSPENDED PLATFORM		○	○	○
DIMENSIONS AND WEIGHTS (IN RUNNING ORDER)				
FRONT TYRES		9.5R48	9.5R48	9.5R48
REAR TYRES		9.5R48	9.5R48	9.5R48
LENGTH (WITH BALLAST)	IN. (MM)	162.8 (4127)	162.8 (4127)	162.8 (4127)
WHEELBASE 2WD/4WD	IN. (MM)	92/91 (2225/2230)	92/91 (2255/2230)	92/91 (2255/2230)
GROUND CLEARANCE 4WD	IN. (MM)	16 (684)	16 (684)	16 (684)
HEIGHT TO ROPS	IN. (MM)	100 (2820)	100 (2820)	100 (2820)
HEIGHT OVER CAB	IN. (MM)	98 (2730)	98 (2730)	98 (2730)
MIN. WIDTH	IN. (MM)	81.2 (1670)	81.2 (1670)	81.2 (1670)
WEIGHT (WITHOUT BALLAST) 4WD (PLAT/CAB)	LB. (KG)	8030/8470 (3650/3850)	8030/8470 (3650/3850)	8030/8470 (3650/3850)
TRACKS				
FRONT TRACK ADJUSTMENT 4WD	IN. (MM)	61-77 (1851-2307)	61-77 (1851-2307)	61-77 (1851-2307)
REAR TRACK ADJUSTMENT	IN. (MM)	63-79 (1382-1938)	63-79 (1382-1938)	63-79 (1382-1938)
OPTIONAL TYRES				
FRONT / REAR 4WD		13.6-38 / 13.6-38	13.6-38 / 13.6-38	13.6-38 / 13.6-38
FRONT / REAR 2WD		7.50-16 / 13.6R38	7.50-16 / 13.6R38	7.50-16 / 13.6R38
FRONT / REAR 2WD		7.50R20 / 9.5R48	7.50R20 / 9.5R48	7.50R20 / 9.5R48
FRONT / REAR 2WD		7.50R20 / 380/80R38	7.50R20 / 380/80R38	7.50R20 / 380/80R38
OPTIONAL EQUIPMENT				
N° 7 FRONT WEIGHTS 79.2 LB. (36 KG) EACH		○	○	○
N° 2 REAR WEIGHTS 132 LB. (60 KG) EACH		○	○	○
HYDRAULIC TRAILER BRAKES		○	○	○
Key: ● standard ○ option – not available				