

ITALIANO  
ENGLISH  
DEUTSCH

# 5D-HC Series-T4i

90 - 100 - 110



	5-090D HC		5-100D HC		5-110D HC	
	SYNCHRO SHUTTLE	POWER SHUTTLE	SYNCHRO SHUTTLE	POWER SHUTTLE	SYNCHRO SHUTTLE	POWER SHUTTLE
<b>MOTORE</b>						
PERKINS A INIEZIONE DIRETTA TIER 4 INTERIM			854E-E34TA	854E-E34TA	854E-E34TA	854E-E34TA
POTENZA MAX ISO	CV/KW		85 / 62,5	95 / 70	102 / 75	
REGIME NOMINALE	GIRI/MIN		2200	2200	2200	
COPPIA MASSIMA	NM		354	395	420	
REGIME COPPIA MASSIMA	GIRI/MIN		1400	1400	1400	
ALESAGGIO CORSA	MM		99 / 110	99 / 110	99 / 110	
CILINDRATA / N° CILINDRI	CM³		3400/4 TURBO AFTERCOOLER	3400/4 TURBO AFTERCOOLER	3400/4 TURBO AFTERCOOLER	
RAPPORTO DI COMPRESIONE			17:1	17:1	17:1	
RAFFREDDAMENTO AD ACQUA			•	•	•	
FILTRO ARIA			•	•	•	
CAPACITÀ SERBATOIO COMBUSTIBILE	LITRI		95	95	95	
<b>FRIZIONE</b>						
INDIPENDENTE A SECCO; DOPPIO DISCO	POLLICI		11	12	12	
COMANDO MECCANICO			•	•	•	
MULTIDISCO IN BAGNO D'OLIO			•	•	•	
DE-CLUTCH CONTROL: COMANDO FRIZIONE A PULSANTE			•	•	•	
<b>TRASMISSIONE</b>						
INVER. MECC. + SPEED FOUR: 12AV + 12RM (30 KM/H)			•	•	•	
INVER. MECC. + SPEED FOUR + SUPERRID.: 16AV + 16RM (30 KM/H)			○	○	○	
INVER. IDRAUL.+SPEED FOUR + POWER FOUR: 24AV+12RM (30KM/H ECO)			•	•	•	
INVER. IDRAUL. + SPEED FOUR + POWER FOUR + SUPERRIDUTTORE: 32AV+16RM (30KM/H ECO)			○	○	○	
REVERSE POWER SHUTTLE: INVERSORE SOTTO CARICO			•	•	•	
INVER. IDRAULICO CON SHUTTLE MODULATION CONTROL: POTENZIOMETRO DI REGOLAZIONE AGGRESSIVITÀ INVERSORE ELETTRIDRAULICO			•	•	•	
BLOC. DIFFERENZIALE POSTERIORE ELETTRIDRAULICO			•	•	•	
<b>PRESA DI FORZA</b>						
MECCANICA CON COMANDO SERVOASSISTITO			•	•	•	
HYDRA P.T.O. A DISCHI MULTIPLI IN BAGNO D'OLIO			•	•	•	
COMANDO ELETTRIDRAULICO			•	•	•	
2 VELOCITÀ 540/750	GIRI/MIN		•	•	•	
2 VELOCITÀ 540/1000	GIRI/MIN		○	○	○	
ALBERO PDF 1" 3/8 (34,9MM) A 6 SCANALATURE			•	•	•	
SINCRONIZZATA AL CAMBIO DI VELOCITÀ			○	○	○	
<b>ASSALE ANTERIORE 4RM</b>						
INNESTO ELETTRIDRAULICO 4RM			•	•	•	
ANGOLO MASSIMO DI STERZO			55°	55°	55°	
<b>FRENI</b>						
COMANDO IDROSTATICO			•	•	•	
POSTERIORI A BAGNO D'OLIO IN GRAFITE N° DISCHI 10			•	•	•	
<b>SOLLEVATORE IDRAULICO</b>						
CONTROLLO SFORZO POSIZIONE INTERMIX FLOTTANTE			•	•	•	
MECCANICO			•	•	•	
ERGONOMIC LIFT SYSTEM			•	•	•	
COMANDO POSTERIORE DEL SOLLEVATORE			○	○	○	
CAPACITÀ DI SOLLEV. CON 2 CILINDRI SUPPL. 50 MM	KG		4610	4610	4610	
PRESSIONE MAX DI LAVORO	BAR		180	180	180	
PORTATA POMPE IDRAULICHE (SOLLEVATORE+STERZO)	L/MIN		53,9 + 24	53,9 + 24	53,9 + 24	
ATTACCO A TRE PUNTI 2ª CATEGORIA			•	•	•	
DISTRIBUTORI AUSILIARI N° STD/OPT			2/4	2/4	2/4	
JOYSTICK			○	○	○	
<b>CABINA E POSTO DI GUIDA</b>						
CABINA "TOTAL VIEW" / PREDISPOSIZIONE AUTORADIO			•	•	•	
ARIA CONDIZIONATA			○	○	○	
SEDILE MECCANICO			•	•	•	
SEDILE PNEUMATICO			○	○	○	
STRUMENTAZIONE ANALOGICA			•	•	•	
PIATTAFORMA AMMORTIZZATA SU SILENT BLOCK			○	○	○	
<b>DIMENSIONI E PESI (IN ORDINE DI MARCIA)</b>						
PNEUMATICI ANTERIORI			9.5R48	9.5R48	9.5R48	
PNEUMATICI POSTERIORI			9.5R48	9.5R48	9.5R48	
LUNGHEZZA (CON ZAVORRE)	MM		4255	4255	4255	
PASSO 2RM/4RM	MM		2255/2230	2255/2230	2255/2230	
LUCE LIBERA AL SUOLO 4RM	MM		634-684	634-684	634-684	
ALTEZZA AL TELAIO DI SICUREZZA	MM		2795	2795	2795	
ALTEZZA SOPRA LA CABINA	MM		2804	2804	2804	
LARGHEZZA MINIMA	MM		2020	2020	2020	
PESO (SENZA ZAVORRE) 4RM + (PIATTAFORMA/CABINA)	KG		3650 / 3850	3650 / 3850	3650 / 3850	
<b>CARREGGIATE</b>						
REGOLAZIONE CARREGGIATE ANTERIORI 4RM	MM		1507-2307	1507-2307	1507-2307	
REGOLAZIONE CARREGGIATE POSTERIORI	MM		1300-2000	1300-2000	1300-2000	
<b>PNEUMATICI A RICHIESTA</b>						
ANTERIORI / POSTERIORI 4WD			13.6-38/13.6-38	13.6-38/13.6-38	13.6-38/13.6-38	
ANTERIORI / POSTERIORI 4WD			270/95-R44 / 270/95-R44	270/95-R44 / 270/95-R44	270/95-R44 / 270/95-R44	
ANTERIORI / POSTERIORI 2WD			7.50-16 / 13.6R38	7.50-16 / 13.6R38	7.50-16 / 13.6R38	
ANTERIORI / POSTERIORI 2WD			7.50R20 / 9.5R48	7.50R20 / 9.5R48	7.50R20 / 9.5R48	
ANTERIORI / POSTERIORI 2WD			7.50R20 / 380/80R38	7.50R20 / 380/80R38	7.50R20 / 380/80R38	
ANTERIORI / POSTERIORI 2WD			9.00-16 / 16.9 R38	9.00-16 / 16.9 R38	9.00-16 / 16.9 R38	
<b>EQUIPAGGIAMENTO A RICHIESTA</b>						
N° 7 ZAVORRE ANTERIORI DA 36 KG			○	○	○	
N° 2 ZAVORRE POSTERIORI DA 60 KG			○	○	○	
IMPIANTO IDRAULICO FRENATURA RIMORCHIO			○	○	○	

Legenda: • di serie ○ option – non disponibile

		5-090D HC		5-100D HC		5-110D HC	
		SYNCHRO SHUTTLE	POWER SHUTTLE	SYNCHRO SHUTTLE	POWER SHUTTLE	SYNCHRO SHUTTLE	POWER SHUTTLE
<b>ENGINE</b>							
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)	25,3 (95)		25,3 (95)		25,3 (95)	
<b>CLUTCH</b>							
INDEPENDENT DRY DUAL CLUTCH	IN. (MM)	11		12		12	
MECHANICALLY OPERATED		●		●		●	
MULTI-DISC WET CLUTCH)		●		●		●	
DECLUTCH CONTROL: BUTTON-OPERATED CLUTCH		●		●		●	
<b>TRANSMISSION</b>							
MECH. REV. SHUTTLE + SPEED FOUR: 12FWD+12REV (30 KM/H)		●		●		●	
MECH. REV. SHUTTLE + SPEED FOUR + CREEPER: 16FWD + 16REV (30 KM/H)		○		○		○	
HYDR.REV.SHUTTLE+SPEED FOUR+POWER FOUR 24FWD+12REV (30 KM/H ECO)		●		●		●	
HYDR.REV.SHUTTLE+SPEED FOUR+POWER FOUR +CREEPER 32FWD+16REV (30 KM/H ECO)		○		○		○	
REVERSE POWER SHUTTLE UNDER LOAD		●		●		●	
SHUTTLE MODULATION CONTROL:POTENTIOMETER FOR ADJUSTMENT OF POWER SHUTTLEAGGRESSIVENESS		●		●		●	
REAR ELECTROHYDRAULIC DIFF-LOCKS		●		●		●	
<b>POWER TAKE-OFF</b>							
POWER-ASSISTED MECHANICAL ENGAGEMENT		●		●		●	
OIL-IMMERSED MULTI-DISK		●		●		●	
ELECTROHYDRAULIC 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		○		○		○	
<b>4WD FRONT AXLE</b>							
ELECHTROHYDRAULIC 4WD ENGAGEMENT		●		●		●	
MAX. STEERING ANGLE		55°		55°		55°	
<b>BRAKES</b>							
HYDROSTATIC CONTROL		●		●		●	
OIL-IMMERSED GRAPHITE-COATED REAR BRAKES, 10 DISCS		●		●		●	
<b>HYDRAULIC POWER LIFT</b>							
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)	10142 (4610) ●		10142 (4610) ●		10142 (4610) ●	
MAX. OPERATING PRESSURE	PSI (BAR)	2600 (180)		2600 (180)		2600 (180)	
HYDRAULIC FLOW @ REMOTE	GPM (LT/MIN)	14.2 (53.9)		14.2 (53.9)		14.2 (53.9)	
TOTAL HYDRAULIC FLOW	GPM (LT/MIN)	20.5 (77.9)		20.5 (77.9)		20.5 (77.9)	
CAT 2 THREE-POINT LINKAGE		●		●		●	
STD/OPT AUXILIARY VALVES°		2/4		2/4		2/4	
JOYSTICK FOR AUXILIARY VALVES		○		○		○	
<b>CAB AND DRIVING SEAT</b>							
"TOTAL VIEW" CAB / AUTO-RADIO FITTING FACILITIES		●		●		●	
AIR-CONDITIONING		○		○		○	
MECHANICALLY SUSPENDED SEAT		●		●		●	
PNEUMATICALLY SUSPENDED SEAT		○		○		○	
ANALOG INSTRUMENTS		●		●		●	
SUSPENDED PLATFORM		○		○		○	
<b>DIMENSIONS AND WEIGHTS (IN RUNNING ORDER)</b>							
FRONT TYRES		9.5R48		9.5R48		9.5R48	
REAR TYRES		9.5R48		9.5R48		9.5R48	
LENGTH (WITH BALLAST)	IN. (MM)	167.5 (4255)		167.5 (4255)		167.5 (4255)	
WHEELBASE 2WD/4WD	IN. (MM)	87.6/87.8 (2225/2230)		87.6/87.8 (2225/2230)		87.6/87.8 (2225/2230)	
GROUND CLEARANCE 4WD	IN. (MM)	25-27 (634-684)		25-27 (634-684)		25-27 (634-684)	
HEIGHT TO ROPS	IN. (MM)	110 (2795)		110 (2795)		110 (2795)	
HEIGHT OVER CAB	IN. (MM)	110.5 (2804)		110.5 (2804)		110.5 (2804)	
MIN. WIDTH	IN. (MM)	79.5 (2020)		79.5 (2020)		79.5 (2020)	
WEIGHT (WITHOUT BALLAST) 4WD (PLAT/CAB)	LB. (KG)	8030/8470 (3650/3850)		8030/8470 (3650/3850)		8030/8470 (3650/3850)	
<b>TRACKS</b>							
FRONT TRACK ADJUSTMENT 4WD	IN. (MM)	59-91 (1507-2307)		59-91 (1507-2307)		59-91 (1507-2307)	
REAR TRACK ADJUSTMENT	IN. (MM)	51-79 (1300-2000)		51-79 (1300-2000)		51-79 (1300-2000)	
<b>OPTIONAL TYRES</b>							
FRONT / REAR 4WD		13.6-38 / 13.6-38		13.6-38 / 13.6-38		13.6-38 / 13.6-38	
FRONT / REAR 4WD		270/95-R44 / 270/95-R44		270/95-R44 / 270/95-R44		270/95-R44 / 270/95-R44	
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	
FRONT / REAR 2WD		9.00-16 / 16.9 R38		9.00-16 / 16.9 R38		9.00-16 / 16.9 R38	
<b>OPTIONAL EQUIPMENT</b>							
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

Les données techniques et les illustrations contenues dans cette publication sont fournies à titre d'information seulement et donc peuvent être modifiées sans préavis.

MOTOR					
PERKINS-MOTOR TIER 4 INTERIM MIT DIREKTEINSPRITZUNG		854E-E34TA	854E-E34TA	854E-E34TA	854E-E34TA
MAX LEISTUNG (ISO)	PS/KW	85 / 62,5	95 / 70	102 / 75	
NENNDRZHAHL	MIN <sup>-1</sup>	2200	2200	2200	
MAX DREHMOMENT	NM	354	395	420	
DREHZAHL BEI HOCHSTDREHMOMENT	MIN <sup>-1</sup>	1400	1400	1400	
BOHRUNG/HUB	MM	99 / 110	99 / 110	99 / 110	
HUBRAUM / ANZAHL ZYLINDER	CM <sup>3</sup>	3400/4 TA	3400/4 TA	3400/4 TA	
VERDICHUNGSVERHÄLTNIS		17:1	17:1	17:1	
WASSERKÜHLSYSTEM		●	●	●	
LÜFTFILTER		●	●	●	
KAPAZITÄT KRAFTSTOFFTANK	LITER	95	95	95	
KUPPLUNG					
ZWEISCHEIBEN-TROCKENKUPPLUNG, UNABHÄNGIG	ZOLL/MM	11	12	12	
MECHANISCHE BETÄTIGUNG		●	●	●	
MEHRSCHEIBENKUPPLUNG IM ÖLBAD			●	●	●
DE-CLUTCH CONTROL: KUPPLUNGSZUSCHALTUNG PER KNOPFD RUCK			●	●	●
GETRIEBE					
MECH. WENDEGETR. + SPEED FOUR: 12V+12R (30 KM/H)		●	●	●	
MECH. WENDEGETR. + SPEED FOUR + CREEPER: 16V+16R (30 KM/H)		○	○	○	
MECH. WENDEGETR. + SPEED FOUR + POWERFOUR: 24V + 12R (30 KM/H ECO)			●	●	●
MECH. WENDEGETR. + SPEED FOUR + POWERFOUR + CREEPER: 32V+16R (30 KM/H ECO)			○	○	○
REVERSE POWER SHUTTLE: WENDEGETRIEBE UNTER LAST			●	●	●
SHUTTLE MODULATION CONTROL: POTENTIOMETER ZUR EINSTELLUNG DER AGGRESSIVITÄT DER ELEKTROHYDRAULISCHEN WENDESCHALTUNG			●	●	●
ZAPFWELLENANLAGE					
MECHANISCHE SERVOUNTERSTÜTZTE BETÄTIGUNG		●	●	●	
HYDRA-PTO - MEHRSCHEIBENKUPPLUNG IM ÖLBAD			●	●	●
ZUSCHALTUNG ELEKTROHYDRAULISCH			●	●	●
2 GESCHWINDIGKEITEN: 540/750 U/MIN		●	●	●	
2 GESCHWINDIGKEITEN: 540/1000 U/MIN		○	○	○	
ZAPFWELLENSTUMMEL 1 3/8" (34,9 MM) MIT 6 NUTEN		●	●	●	
WEGZAPFWELLE		○	○	○	
ALLRADVORDERACHSE					
ELEKTROHYDRAULISCHE ZUSCHALTUNG DES ALLRADANTRIEBES		●	●	●	
MAX. EINSCHLAGWINKEL		55°	55°	55°	
BREMSSYSTEM					
BETÄTIGUNG HYDROSTATISCH		●	●	●	
HINTEN ÖLBAD-SCHEIBENBREMSEN AUS GRAPHIT - 10 SCHEIBEN		●	●	●	
HECK-KRAFTHEBER					
POSITIONSREGELUNG, ZUGKRAFTREGELUNG, INTERMIX, SCHWIMMSTELLUNG		●	●	●	
MECHANISCHE STEUERUNG		●	●	●	
E.L.S. "ERGONOMIC LIFT SYSTEM"		●	●	●	
BETÄTIGUNGSSHEBEL HINTEN		○	○	○	
HUBKRAFT MIT 2 ZUSATZHUBZYLINDERN MM 50	KG	4610 ●	4610 ●	4610 ●	
MAX. ARBEITSDRUCK	BAR	180	180	180	
FÖRDERMENGE HYDRAULISCHE PUMPEN	L/MIN	53,9 + 24	53,9 + 24	53,9 + 24	
DREIPUNKTGESTÄNDE KATEGORIE 2		●	●	●	
ZUSATZSTEUERGERÄTE SERIE / WWW		2 / 4	2 / 4	2 / 4	
ZUSATZSTEUERGERÄTE + JOYSTICK WWW		2	2	2	
KABINE UND FAHRERPLATZ					
KABINE "TOTAL VIEW" / VORBEREITUNG FÜR AUTORADIO		●	●	●	
KLIMAAANLAGE		○	○	○	
MECHANISCH GEFEDERTER FAHRERSITZ		●	●	●	
LÜFTGEFEDERTER FAHRERSITZ		○	○	○	
ANALOGIC INSTRUMENTE		●	●	●	
AUF SILENTBLÖCKEN GELAGERTE PLATTFORM		○	○	○	
ABMESSUNGEN IN FAHRFERTIGEM ZUSTAND					
BEREIFUNG VORN ALLRAD		9.5R48	9.5R48	9.5R48	
BEREIFUNG HINTEN		9.5R48	9.5R48	9.5R48	
GESAMTLÄNGE (MIT BALLAST)	MM	4255	4255	4255	
RADSTAND HINTERRAD/ALLRAD	MM	2255/2230	2255/2230	2255/2230	
BODENFREIHEIT ALLRAD	MM	634-684	634-684	634-684	
HÖHE ÜBER SICHERHEITSRÄHMEN	MM	2795	2795	2795	
HÖHE ÜBER KABINE	MM	2804	2804	2804	
MIN. BREITE	MM	2020	2020	2020	
GEWICHT ALLRAD OHNE BALLAST (KABINE / PLATTFORM)	KG	3650 / 3850	3650 / 3850	3650 / 3850	
SPURWEITEN					
EINSTELLBARE SPURWEITEN VORN (ALLRAD)	MM	1507-2307	1507-2307	1507-2307	
EINSTELLBARE SPURWEITEN HINTEN	MM	1300-2000	1300-2000	1300-2000	
WAHLWEISE BEREIFUNG					
VORN / HINTEN (ALLRAD)		113.6-38/13.6-38	13.6-38/13.6-38	13.6-38/13.6-38	
VORN / HINTEN (ALLRAD)		270/95-R44 / 270/95-R44	270/95-R44 / 270/95-R44	270/95-R44 / 270/95-R44	
VORN / HINTEN (HINTERRAD)		7.50-16 / 13.6R38	7.50-16 / 13.6R38	7.50-16 / 13.6R38	
VORN / HINTEN (HINTERRAD)		7.50R20 / 9.5R48	7.50R20 / 9.5R48	7.50R20 / 9.5R48	
VORN / HINTEN (HINTERRAD)		7.50R20 / 380/80R38	7.50R20 / 380/80R38	7.50R20 / 380/80R38	
VORN / HINTEN (HINTERRAD)		9.00-16 / 16.9 R38	9.00-16 / 16.9 R38	9.00-16 / 16.9 R38	
SONDERAUSRÜSTUNG					
N° 7 FRONTGEWICHTE JE 36 KG		○	○	○	
N° 2 GEWICHTE HINTEN JE 60 KG		○	○	○	
HYDRAULISCHE ANHÄNGERBREMSE		○	○	○	

Zeichenerklärung: ● Serie ○ wahlweise – nicht vorgesehen

Los datos y las ilustraciones contenidos en esta publicación tienen carácter puramente informativo y por tanto podrán modificarse sin aviso previo.

