

NEW
NOUVEAUTÉ
NOVEDAD

90 - 100 - 110 - 115 TIER3

T-MAX



 ENGLISH
 FRANÇAIS
 ESPAÑOL



MCCORMICK

T 90 MAX (T3)		T 100 MAX (T3)		T 110 MAX (T3)		T 115 MAX (T3)	
SYNCHRO SHUTTLE	POWER SHUTTLE	SYNCHRO SHUTTLE	POWER SHUTTLE	SYNCHRO SHUTTLE	POWER SHUTTLE	SYNCHRO SHUTTLE	POWER SHUTTLE

ENGINE						
PERKINS "TIER3"DIRECT-INJECTION ENGINE			1104D-44T	1104D-44TA	1104D-44TA	1104D-44TA
MAX. POWER (ISO)	HP/KW		83/61	92.5/68	102/75	110.2/81
RATED SPEED	RPM		2200	2200	2200	2200
MAX. TORQUE	NM		352	393	416	410
MAX. TORQUE SPEED	RPM		1400	1400	1400	1400
BORE/STROKE	MM		105/127	105/127	105/127	105/127
DISPLACEMENT/ NR. OF CYLINDERS	CM ³		4400/4	4400/4	4400/4	4400/4
WATER COOLING			●	●	●	●
AIR FILTER			●	●	●	●
FUEL TANK CAPACITY	LT		102	102	102	102

CLUTCH						
INDEPENDENT DRY SINGLE-PLATE CLUTCH	IN./MM		13"(330)	13"(330)	13"(330)	13"(330)
MECHANICALLY OPERATED			●	●	●	●
MULTI-DISC WET CLUTCH			●	●	●	●
DECLUTCH CONTROL: BUTTON-OPERATED CLUTCH			●	●	●	●

TRANSMISSION						
MECH. REV. SHUTTLE+SPEED FOUR: 12FWD + 12REV (2WD ONLY)			●	●	●	—
MECH. REV. SHUTTLE+SPEED FOUR+CREEPER: 16FWD+16REV (2WD ONLY)			○	○	○	—
MECH. REV. SHUTTLE+SPEED FOUR+OVERDRIVE: 24FWD +12REV (40KM/H)			●	●	●	●
HYDR.REV.SHUTTLE+SPEED FOUR 12FWD+12REV			●	●	●	●
INV. HYDR.+SPEED FOUR+CREEPER 16FWD+16REV			○	○	○	○
HYDR.REV.SHUTTLE+SPEED FOUR+POWERSHIFT 36FWD+12REV (40KM/H)			○	○	○	○
HYDR.REV.SHUTTLE+SPEED FOUR+POWERSHIFT + CREEPER 48FWD+16REV (40KM/H)			○	○	○	○
HYDR. REV. SHUTTLE WITH SHUTTLE MODULATION CONTROL: POTENTIOMETER FOR ADJUSTMENT OF POWER SHUTTLE AGGRESSIVENESS			●	●	●	●
PARK LOCK			○	○	○	○

POWER TAKE-OFF						
OIL-IMMERSED MULTI-DISC HYDRA P.T.O.			●	●	●	●
ELECTROHYDRAULIC CONTROL			●	●	●	●
2 SPEEDS 540/750 RPM			●	●	●	●
2 SPEEDS 540/1000 RPM			○	○	○	○
3 SPEEDS 540/750/1000 TR/MIN			○	○	○	○
GROUND SPEED PTO			○	○	○	○
NET PTO POWER (ISO)	HP/KW		70.5/52	79/58	86.5/63,5	93.5/68,5

4WD FRONT AXLE						
ELECTROHYDRAULIC 4WD ENGAGEMENT			●	●	●	●
MAX. STEERING ANGLE			55°	55°	55°	55°
TWIN-LOCK ELECTROHYDRAULIC DIFF-LOCKS			●	●	●	●

BRAKES						
OIL-IMMERSED GRAPHITE REAR BRAKES,10 DISCS			●	●	●	●
OIL-IMMERSED GRAPHITE FRONT BRAKES, 4 DISCS			●	●	●	●
IBS - INTEGRAL BRAKING SYSTEM			●	●	●	●

HYDRAULIC POWER LIFT						
MECHANICALLY OPERATED WITH E.L.S. (ERGONOMC LIFT SYSTEM)			●	●	●	●
REAR CONTROL LEVER			○	○	○	○
ELECTRONICALLY-OPERATED			○	○	○	○
LIFTING CAPACITY WITH 2 AUXILIARY CYLINDERS IN 2 (MM 50) KG			4350	4350	4350	4350
HYDRAULIC FLOW@REMOTE	LT/MIN		52.3+29.9	52.3+29.9	52.3+29.9	52.3+29.9
STD AUXILIARY VALVES STD/OPT			2 / 4	2 / 4	2 / 4	2 / 4

CAB AND DRIVING SEAT						
"DELUXE" CAB / AUTO-RADIO FITTING FACILITIES			○	○	○	○
AIR-CONDITIONING			○	○	○	○
PNEUMATICALLY SUSPENDED SEAT			○	○	○	○
SUSPENDED PLATFORM			●	●	●	●

DIMENSIONS AND WEIGHTS						
FRONT TYRES			380/70 R24	380/70 R24	380/70 R24	380/70 R24
REAR TYRES			480/70 R34	480/70 R34	480/70 R34	480/70 R34
TOTAL LENGTH WITH BALLAST	MM		4160	4160	4160	4160
MIN. WIDTH	MM		2110	2110	2110	2110
WHEELBASE 2RM/4RM	MM		2365/2340	2365/2340	2365/2340	2365/2340
HEIGHT OVER CAB	MM		2563	2563	2563	2563
HEIGHT TO SAFETY FRAME	MM		2560	2560	2560	2560
GROUND CLEARANCE	MM		475	475	475	475
TOTAL WEIGHT WITHOUT BALLAST (+CAB 200KG) 4WD	KG		3650	3650	3650	3650

OPTIONAL TYRES						
FRONT2WD			7.50-16	7.50-16	7.50-16	-
REAR2WD			16.9R30	16.9R30	16.9R30	-
FRONT2WD			9.00-16	9.00-16	9.00-16	-
REAR2WD			16.9-34	16.9-34	16.9-34	-
FRONT4WD			12.4R24	12.4R24	12.4R24	12.4R24
REAR4WD			13.6R38	13.6R38	13.6R38	13.6R38
FRONT4WD			340/85R24	340/85R24	340/85R24	340/85R24
REAR4WD			420/85R34	420/85R34	420/85R34	420/85R34
FRONT4WD			280/85R24	280/85R24	280/85R24	280/85R24
REAR4WD			420/85R30	420/85R30	420/85R30	420/85R30
FRONT4WD			440/65R24	440/65R24	440/65R24	440/65R24
REAR4WD			540/65R34	540/65R34	540/65R34	540/65R34

OPTIONAL EQUIPMENT						
N° 10 FRONT WEIGHTS 36 KG EACH			○	○	○	○
N° 4 REAR WEIGHTS 60 KG EACH			○	○	○	○
HYDRAULIC TRAILER BRAKES			○	○	○	○

Key: ● standard ○ option — not available

All data and illustrations provided in this brochure are for information purposes only and can be changed.

MOTEUR							
PERKINS À INJECTION DIRECTE TIER3		1104D-44T	1104D-44TA	1104D-44TA	1104D-44TA	1104D-44TA	1104D-44TA
PUISSANCE MAXI ISO	CH/KW	83/61	92,5/68	102/75	110,2/81	110,2/81	110,2/81
RÉGIME NOMINALE	TR/MIN	2200	2200	2200	2200	2200	2200
COUPLE MAXIMUM	NM	352	393	416	410	410	410
RÉGIME COUPLE MAXI.	TR/MIN	1400	1400	1400	1400	1400	1400
ALÉSAGE/COURSE	MM	105/127	105/127	105/127	105/127	105/127	105/127
CYLINDRÉE / CYLINDRES	CM ³	4400/4	4400/4	4400/4	4400/4	4400/4	4400/4
REFROIDISSEMENT PAR EAU		•	•	•	•	•	•
FILTRE A AIR		•	•	•	•	•	•
CONTENANCE RÉSERVOIR À CARBURANT	LT	102	102	102	102	102	102
EMBRAYAGE							
INDÉPENDANT MONODISQUE À SEC	POUCES/MM	13"(330)	13"(330)	13"(330)	13"(330)	13"(330)	13"(330)
COMMANDE MÉCANIQUE		•	•	•	•	•	•
MULTIDISQUE À BAIN D'HUILE		•	•	•	•	•	•
DE-CLUTCH CONTROL: COMMANDE D'EMBRAYAGE PAR BOUTON-POUSSOIR		•	•	•	•	•	•
TRANSMISSION							
INVERS. MÉC. +SPEED FOUR: 12AV + 12AR (2RM SEULEMENT)		•	•	•	•	•	•
INVERS. MÉC.+SPEED FOUR+SUPER-RÉD.: 16AV + 16AR (2RM SEULEMENT)		○	○	○	○	○	○
INVERS. MÉC.+SPEED FOUR+OVERDRIVE: 24AV + 12AR (40KM/H)		•	•	•	•	•	•
INV. HYDR.+SPEED FOUR 12AV +12AR		•	•	•	•	•	•
INV. HYDR.+SPEED FOUR+SUPER-RÉDUCT. 16AV +16AR		○	○	○	○	○	○
INV. HYDR.+SPEED FOUR+POWERSHIFT 36AV +12AR (40 KM/H)		○	○	○	○	○	○
INV. HYDR.+SPEED FOUR+POWERSHIFT+SUPER-RÉDUCT. 48AV +16AR (40 KM/H)		○	○	○	○	○	○
INVERS. HYDRAUL. AVEC SHUTTLE MODULATION CONTROL: POTENTIOMÈTRE DE RÉGLAGE DE L'AGRESSIVITÉ DE L'INVERSEUR ÉLECTROHYDRAULIQUE		•	•	•	•	•	•
PARK LOCK		○	○	○	○	○	○
PRISE DE FORCE							
MULTIDISQUE À BAIN D'HUILE HYDRA P.T.O.		•	•	•	•	•	•
COMMANDE ÉLECTROHYDRAULIQUE		•	•	•	•	•	•
2 VITESSES 540/750 TR/MIN		•	•	•	•	•	•
2 VITESSES 540/1000 TR/MIN		○	○	○	○	○	○
3 VITESSES 540/750/1000 TR/MIN		○	○	○	○	○	○
SYNCHRONISÉE À LA BOÎTE DE VITESSE		○	○	○	○	○	○
PUISSANCE ISO À LA P.D.F.	CH/KW	70,5/52	79/58	86,5/63,5	93,5/68,5	93,5/68,5	93,5/68,5
ESSIEU AVANT 4RM							
ENCLÈCHEMENT ÉLECTROHYDRAULIQUE 4RM		•	•	•	•	•	•
ANGLE MAXI. DE BRAQUAGE	°	55°	55°	55°	55°	55°	55°
BLOCAGE DIFFÉRENTIELS ÉLECTROHYDRAULIQUE TWIN-LOCK		•	•	•	•	•	•
FREINS							
ARRIÈRE À BAIN D'HUILE EN GRAPHITE, 10 DISQUES		•	•	•	•	•	•
AVANT À BAIN D'HUILE EN GRAPHITE, 4 DISQUES		•	•	•	•	•	•
FREINAGE INTÉGRAL IBS		•	•	•	•	•	•
RELEVAGE HYDRAULIQUE							
COMMANDE MÉCANIQUE E AVEC E.L.S. (ERGONOMIC LIFT SYSTEM)		•	•	•	•	•	•
LEVIER DE CONTRÔLE ARRIÈRE		○	○	○	○	○	○
COMMANDE ÉLECTRONIQUE		○	○	○	○	○	○
CAPACITÉ DE LEVAGE AVEC 2 VÉRINS AUXILIAIRES 50 MM	KG	4350	4350	4350	4350	4350	4350
DÉBIT POMPES HYDRAULIQUES (RELEVAGE+DIRECTION)	L/MIN	52,3+29,9	52,3+29,9	52,3+29,9	52,3+29,9	52,3+29,9	52,3+29,9
DISTRIBUTEURS AUXILIAIRES STD / OPT		2 / 4	2 / 4	2 / 4	2 / 4	2 / 4	2 / 4
CABINE ET POSTE DE CONDUITE							
CABINE "DELUXE" / PRÉDISPOSITION AUTORADIO		○	○	○	○	○	○
AIR CONDITIONNÉ		○	○	○	○	○	○
SIÈGE PNEUMATIQUE		○	○	○	○	○	○
PLATE-FORME SUSPENDUE		•	•	•	•	•	•
DIMENSIONS ET POIDS							
PNEUS AVANT		380/70 R24	380/70 R24	380/70 R24	380/70 R24	380/70 R24	380/70 R24
PNEUS ARRIÈRE		480/70 R34	480/70 R34	480/70 R34	480/70 R34	480/70 R34	480/70 R34
LONGUEUR TOTALE AVEC LESTAGE	MM	4160	4160	4160	4160	4160	4160
LARGEUR MINI.	MM	2110	2110	2110	2110	2110	2110
EMPATTEMENT 2RM/4RM	MM	2365/2340	2365/2340	2365/2340	2365/2340	2365/2340	2365/2340
HAUTEUR À LA CABINE	MM	2563	2563	2563	2563	2563	2563
HAUTEUR À L'ARCEAU DE SÉCURITÉ	MM	2560	2560	2560	2560	2560	2560
GARDE AU SOL	MM	475	475	475	475	475	475
POIDS TOTAL SANS LESTAGE 4RM (+CAB 200KG)	KG	3650	3650	3650	3650	3650	3650
PNEUS EN OPTION							
AVANT 2RM		7.50-16	7.50-16	7.50-16	-	-	-
ARRIÈRE 2RM		16.9R30	16.9R30	16.9R30	-	-	-
AVANT 2RM		9.00-16	9.00-16	9.00-16	-	-	-
ARRIÈRE 2RM		16.9-34	16.9-34	16.9-34	-	-	-
AVANT 4RM		12.4R24	12.4R24	12.4R24	12.4R24	12.4R24	12.4R24
ARRIÈRE 4RM		13.6R38	13.6R38	13.6R38	13.6R38	13.6R38	13.6R38
AVANT 4RM		340/85R24	340/85R24	340/85R24	340/85R24	340/85R24	340/85R24
ARRIÈRE 4RM		420/85R34	420/85R34	420/85R34	420/85R34	420/85R34	420/85R34
AVANT 4RM		280/85R24	280/85R24	280/85R24	280/85R24	280/85R24	280/85R24
ARRIÈRE 4RM		420/85R30	420/85R30	420/85R30	420/85R30	420/85R30	420/85R30
AVANT 4RM		440/65R24	440/65R24	440/65R24	440/65R24	440/65R24	440/65R24
ARRIÈRE 4RM		540/65R34	540/65R34	540/65R34	540/65R34	540/65R34	540/65R34
EQUIPEMENTS EN OPTION							
10 MASSES DE LESTAGE AVANT DE 36 KG/UNITAIRE		○	○	○	○	○	○
4 MASSES DE LESTAGE ARRIÈRE DE 60 KG/UNITAIRE		○	○	○	○	○	○
FREINAGE HYDRAULIQUE DE LA REMORQUE		○	○	○	○	○	○

Légende: ● de série ○ option — non disponible

T 90 MAX (T3)		T 100 MAX (T3)		T 110 MAX (T3)		T 115 MAX (T3)	
SYNCHRO SHUTTLE	POWER SHUTTLE	SYNCHRO SHUTTLE	POWER SHUTTLE	SYNCHRO SHUTTLE	POWER SHUTTLE	SYNCHRO SHUTTLE	POWER SHUTTLE

MOTOR		T 90 MAX (T3)	T 100 MAX (T3)	T 110 MAX (T3)	T 115 MAX (T3)
PERKINS DE INYECCIÓN DIRECTA TIER 3		1104D-44T	1104D-44TA	1104D-44TA	1104D-44TA
POTENCIA MÁX ISO	CV/KW	83/61	92.5/68	102/75	110,2/81
REGIMEN NOMINAL	RPM	2200	2200	2200	2200
PAR MÁXIMO	NM	352	393	416	410
REGIMEN DE PAR MAXIMO	RPM	1400	1400	1400	1400
DIAMETRO INT. CILINDRO/CARRERA	MM	105/127	105/127	105/127	105/127
CILINDRADA/NºCILINDROS	CM³	4400/4	4400/4	4400/4	4400/4
WATER COOLING		●	●	●	●
AIR FILTER		●	●	●	●
CAPACIDAD DEPÓSITO CARBURANTE	LT	102	102	102	102

EMBRAGUE		T 90 MAX (T3)	T 100 MAX (T3)	T 110 MAX (T3)	T 115 MAX (T3)
INDEPENDIENTE DE MONODISCO EN SECO	PULG./MM	13"(330)	13"(330)	13"(330)	13"(330)
MANDO MECÁNICO		●	●	●	●
MULTIDISCO EN BAÑO DE ACEITE		●	●	●	●
DE-CLUTCH CONTROL: MANDO DE EMBRAGUE POR BOTÓN		●	●	●	●

TRANSMISIÓN		T 90 MAX (T3)	T 100 MAX (T3)	T 110 MAX (T3)	T 115 MAX (T3)
INVERS. MEC. + SPEED FOUR: 12AD+12MA (SOLO 2RM)		●	●	●	—
INVERS. MEC. + SPEED FOUR + SUPERREDUCTOR: 16AD+16MA (SOLO 2RM)		○	○	○	—
INVERS. MEC. + SPEED FOUR + OVERDRIVE: 24AD+12MA (40KM/H)		●	●	●	●
INVERS. HIDR. + SPEED FOUR: 12AD+12MA		●	●	●	●
INVERS. HIDR. + SPEED FOUR + SUPERREDUCTOR: 16AD+16MA		○	○	○	○
INVERS. HIDR. + SPEED FOUR + POWERSHIFT: 36AD+12MA (40KM/H)		○	○	○	○
INVERS. HIDR. + SPEED FOUR + POWERSHIFT + SUPERRED.: 48AD+16MA (40KM/H)		○	○	○	○
SHUTTLE MODULATION CONTROL: POTENCIÓMETRO DE REGULACIÓN DE LA AGRESIVIDAD DEL INVERSOR		●	●	●	●
DISPOSITIVO PARK LOCK		○	○	○	○

TOMA DE FUERZA		T 90 MAX (T3)	T 100 MAX (T3)	T 110 MAX (T3)	T 115 MAX (T3)
HYDRA-PTO, MULTIDISCO EN BAÑO DE ACEITE		●	●	●	●
MANDO ELECTROHIDRÁULICO		●	●	●	●
2 VELOCIDADES: 540/750 RPM		●	●	●	●
2 VELOCIDADES: 540/1000 RPM		○	○	○	○
3 VELOCIDADES: 540/750/1000 RPM		○	○	○	○
SINCRONIZADA CON EL CAMBIO		○	○	○	○
POTENCIA ISO A LA T.DI.F.	CV/KW	70,5/52	79/58	86,5/63,5	93,5/68,5

PUENTE DELANTERO 4RM		T 90 MAX (T3)	T 100 MAX (T3)	T 110 MAX (T3)	T 115 MAX (T3)
CONEXIÓN ELECTROHIDRÁULICA 4RM		●	●	●	●
ÁNGULO MÁXIMO DE GIRO		55°	55°	55°	55°
BLOQUEO DIFERENCIAL ELECTROHIDRÁULICO TWIN-LOCK		●	●	●	●

FRENOS		T 90 MAX (T3)	T 100 MAX (T3)	T 110 MAX (T3)	T 115 MAX (T3)
TRASEROS EN BAÑO DE ACEITE, REVEST. GRAFITO - 10 DISCOS		●	●	●	●
DELANTEROS EN BAÑO DE ACEITE, REVEST. GRAFITO - 4 DISCOS		●	●	●	●
SISTEMA DE FRENADO INTEGRAL IBS (INTEGRAL BRAKING SYSTEM)		●	●	●	●

ELEVADOR HIDRÁULICO		T 90 MAX (T3)	T 100 MAX (T3)	T 110 MAX (T3)	T 115 MAX (T3)
MECÁNICO CON EL SISTEMA E.L.S. (ERGONOMIC LIFT SYSTEM)		●	●	●	●
MANDO TRASERO DE ELEVADOR POR PALANCA		○	○	○	○
ELECTRÓNICO		○	○	○	○
CAPACIDAD DE ELEVACIÓN CON 2 CILINDROS AUX. 50MM	KG	4350	4350	4350	4350
CAUDAL BOMBAS HIDRÁULICAS (ELEVADOR+DIRECCIÓN)	L/MIN	52,3+29,9	52,3+29,9	52,3+29,9	52,3+29,9
DISTRIBUIDORES AUXILIARES STD / OPC.		2 / 4	2 / 4	2 / 4	2 / 4

CABINA Y PUESTO DE CONDUCCIÓN		T 90 MAX (T3)	T 100 MAX (T3)	T 110 MAX (T3)	T 115 MAX (T3)
CABINA "DELUXE" / ADAPTADOR DE AUTORADIO		○	○	○	○
AIRE ACONDICIONADO		○	○	○	○
ASIENTO NEUMÁTICO		○	○	○	○
PLATAFORMA SUSPENDIDA SOBRE SILENT-BLOCKS		●	●	●	●

DIMENSIONES Y PESOS		T 90 MAX (T3)	T 100 MAX (T3)	T 110 MAX (T3)	T 115 MAX (T3)
NEUMÁTICOS DELANTEROS		380/70 R24	380/70 R24	380/70 R24	380/70 R24
NEUMÁTICOS TRASEROS		480/70 R34	480/70 R34	480/70 R34	480/70 R34
LONGITUD (CON CONTRAPESOS)	MM	4160	4160	4160	4160
ANCHO MÍNIMO	MM	2110	2110	2110	2110
DISTANCIA ENTRE EJES 2RM/4RM	MM	2365/2340	2365/2340	2365/2340	2365/2340
ALTURA A LA CABINA	MM	2563	2563	2563	2563
ALTURA AL BASTIDOR DE SEGURIDAD	MM	2560	2560	2560	2560
DISTANCIA LIBRE HASTA EL SUELO 4RM	MM	475	475	475	475
PESO (SIN CONTRAPESOS) 4RM + 200 KG CABINA	KG	3650	3650	3650	3650

NEUMÁTICOS OPCIONALES		T 90 MAX (T3)	T 100 MAX (T3)	T 110 MAX (T3)	T 115 MAX (T3)
DELANTERO 2RM		7.50-16	7.50-16	7.50-16	-
TRASEROS 2RM		16.9R30	16.9R30	16.9R30	-
DELANTERO 2RM		9.00-16	9.00-16	9.00-16	-
TRASEROS 2RM		16.9-34	16.9-34	16.9-34	-
DELANTERO 4RM		12.4R24	12.4R24	12.4R24	12.4R24
TRASEROS 4RM		13.6R38	13.6R38	13.6R38	13.6R38
DELANTERO 4RM		340/85R24	340/85R24	340/85R24	340/85R24
TRASEROS 4RM		420/85R34	420/85R34	420/85R34	420/85R34
DELANTERO 4RM		280/85R24	280/85R24	280/85R24	280/85R24
TRASEROS 4RM		420/85R30	420/85R30	420/85R30	420/85R30
DELANTERO 4RM		440/65R24	440/65R24	440/65R24	440/65R24
TRASEROS 4RM		540/65R34	540/65R34	540/65R34	540/65R34

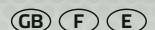
EQUIPAMIENTO OPCIONAL		T 90 MAX (T3)	T 100 MAX (T3)	T 110 MAX (T3)	T 115 MAX (T3)
7 CONTRAPESOS DELANTEROS DE 36 KG		○	○	○	○
2 CONTRAPESOS TRASEROS DE 60 KG		○	○	○	○
FRENO HIDRAULICO DE REMOLQUE		○	○	○	○

Key: ● standard ○ option — not available

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



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