

**NEW**

# Rex F

70 - 80 - 85 - 90 - 100 - 110 - 120 F  
SYNCHRO SHUTTLE / POWER SHUTTLE



		REX 70 F	REX 80 F	REX 85 F	REX 90 F	REX 100 F	REX 110 F	REX 120 F
		SYNCHRO POWER SHUTTLE	SYNCHRO POWER SHUTTLE	SYNCHRO POWER SHUTTLE	SYNCHRO POWER SHUTTLE	SYNCHRO POWER SHUTTLE	SYNCHRO POWER SHUTTLE	SYNCHRO POWER SHUTTLE
<b>ENGINE</b>								
PERKINS TIER 3 DIRECT-INJECTION ENGINE		1103D-33TA	1104D-44	1103D-33TA	1104D-44TA	1104D-44TA	1104D-44TA	1104D-44TA
MAX. POWER (ISO)	HP/KW	68/50	74/54,5	79/58	83/61	92,5/68	102/75	110,2/81
RATED SPEED	TR/MIN	2200	2200	2200	2200	2200	2200	2200
MAX. TORQUE	NM	280	261	310	352	393	416	410
MAX. TORQUE SPEED	TR/MIN	1400	1400	1400	1400	1400	1400	1400
BORE/STROKE	MM	105/127	105/127	105/127	105/127	105/127	105/127	105/127
DISPLACEMENT	CM <sup>3</sup>	3300	4400	3300	4400	4400	4400	4400
NR. OF CYLINDERS / TURBOCHARGED		3 / YES	4 / NO	3 / YES	4 / YES	4 / YES	4 / YES	4 / YES
COMPRESSION RATIO		18,2:1	18,2:1	18,2:1	18,2:1	18,2:1	18,2:1	18,2:1
WATER COOLING		•	•	•	•	•	•	•
AIR FILTER		•	•	•	•	•	•	•
FUEL TANK CAPACITY STD+OPT	LT	40 + (25 opt)	40 + (25 opt)	40 + (25 opt)	65	65	65	65
<b>CLUTCH</b>								
INDEPENDENT DRY DUAL CLUTCH	IN.	11	12	11	12	12	12	12
MECHANICALLY OPERATED		•	•	•	•	•	•	•
MULTI-DISC WET CLUTCH		•	•	•	•	•	•	•
DE-CLUTCH CONTROL: CLUTCH CONTROL BY BUTTON		•	•	•	•	•	•	•
<b>TRANSMISSION</b>								
SPEED FOUR+MECH. REV. SHUTTLE: 12FWD+12REV	TECHNO EDITION	TECHNO EDITION	TECHNO EDITION	TECHNO EDITION	TECHNO EDITION	-	-	-
SPEED FOUR+CREEPER+MECH.REV. SHUTTLE: 16FWD+16REV	TECHNO EDITION	TECHNO EDITION	TECHNO EDITION	TECHNO EDITION	TECHNO EDITION	-	-	-
REAR ELECTROHYDRAULIC DIFF-LOCKS	TECHNO EDITION	TECHNO EDITION	TECHNO EDITION	TECHNO EDITION	TECHNO EDITION	-	-	-
SPEED FIVE+MECH. REV. SHUTTLE: 15FWD+15REV	•	•	•	•	•	•	•	•
SPEED FIVE+CREEPER+MECH.REV. SHUTTLE: 20FWD+20REV	○	○	○	○	○	○	○	○
POWER FIVE+CREEPER: 30FWD+30REV	○	○	○	○	○	○	○	○
POWER FIVE+SPEED FIVE+CREEPER: 40FWD+40REV	○	○	○	○	○	○	○	○
REVERSE POWER SHUTTLE: REVERSE SHUTTLE UNDER LOAD	•	•	•	•	•	•	•	•
<b>POWER TAKE-OFF</b>								
POWER-ASSISTED MECHANICAL ENGAGEMENT	•	•	•	•	•	•	•	•
OIL-IMMERSED MULTI-DISK HYDRA P.T.O.	•	•	•	•	•	•	•	•
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	○	○	○	○	○	○	○	○
NET PTO POWER (ISO)	HP/KW	58/42,5	63/46,5	68/50	70,5/51,5	79/58	86,5/63,5	92,5/68
<b>4WD FRONT AXLE</b>								
ELECTROHYDRAULIC 4WD ENGAGEMENT	•	•	•	•	•	•	•	•
MAX. STEERING ANGLE	55°	55°	55°	55°	55°	55°	55°	55°
TWIN-LOCK ELECTROHYDRAULIC DIFF-LOCKS	•	•	•	•	•	•	•	•
LIMITED SLIP DIFF-LOCKS	TECHNO EDITION	TECHNO EDITION	TECHNO EDITION	TECHNO EDITION	TECHNO EDITION	-	-	-
<b>BRAKES</b>								
OIL-IMMERSED GRAPHITE-COATED REAR BRAKES , 8 DISCS	•	•	•	•	•	•	•	•
OIL-IMMERSED GRAPHITE-COATED FRONT BRAKES, 4 DISCS	•	•	•	•	•	•	•	•
IBS INTEGRAL BRAKING SYSTEM	•	•	•	•	•	•	•	•
4 WD AUTOMATIC ENGAGEMENT ON BRAKING	TECHNO EDITION	TECHNO EDITION	TECHNO EDITION	TECHNO EDITION	TECHNO EDITION	-	-	-
<b>HYDRAULIC POWER LIFT</b>								
DRAFT POSITION, INTERMIX AND FLOATING CONTROL	•	•	•	•	•	•	•	•
MECHANICALLY OPERATED	•	•	•	•	•	•	•	•
ELECTRONICALLY OPERATED (ONLY CAB VERSION)	○	○	○	○	○	○	○	○
STD LIFTING CAPACITY	KG	2600	2600	2600	2600	2600	2600	2600
TOTAL HYDRAULIC FLOW (POWER LIFT+ STEERING)	LT/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	52,3+29,9
CAT. 2 THREE-POINT LINKAGE	•	•	•	•	•	•	•	•
HYDRAULIC ADJUSTMENT OF RIGHT LIFTING ROD	•	•	•	•	•	•	•	•
AUXILIARY VALVES	2	2	2	2	2	2	2	2
FLOW DIVERTER	○	○	○	○	○	○	○	○
TRIPLE PUMP HYDRAULIC FLOW (POWER LIFT+STEERING+AUX.VALVES)	LT/MIN	29,9+29,9+41	29,9+29,9+41	29,9+29,9+41	29,9+29,9+41	29,9+29,9+41	29,9+29,9+41	29,9+29,9+41
TRIPLE PUMP + 3 FRONT AUX. VALVES + JOYSTICK	○	○	○	○	○	○	○	○
<b>DRIVING SEAT</b>								
TOTAL VIEW CAB / AUTO-RADIO FITTING FACILITIES	•	•	•	•	•	•	•	•
HEATING / VENTILATION	•	•	•	•	•	•	•	•
AIR-CONDITIONING	•	•	•	•	•	•	•	•
SUSPENDED PLATFORM	•	•	•	•	•	•	•	•
<b>DIMENSIONS</b>								
REAR TYRES		14.9R24	14.9R24	14.9R24	14.9R24	14.9R24	14.9R24	14.9R24
LENGTH 2WD AND 4WD	MM	3900	4009	3900	4009	4009	4009	4009
WHEELBASE 2WD	MM	2065	2174	2065	2174	2174	2174	2174
WHEELBASE 4WD	MM	2017	2134	2017	2134	2134	2134	2134
HEIGHT TO STEERING WHEEL	MM	1440	1440	1440	1440	1440	1440	1440
HEIGHT TO ROPS	MM	2315	2315	2315	2315	2315	2315	2315
HEIGHT OVER CAB	MM	2260	2260	2260	2260	2260	2260	2260
GROUND CLEARANCE 4WD	MM	220	220	220	220	220	220	220
<b>DIMENSIONS AND WEIGHTS WITH TYRES</b>								
FRONT TYRES 4WD		280/70R16	280/70R16	280/70R16	280/70R16	280/70R16	280/70R16	280/70R16
REAR TYRES		14.9R24	14.9R24	14.9R24	14.9R24	14.9R24	14.9R24	14.9R24
MIN. WIDTH	MM	1437	1437	1437	1437	1437	1437	1437
FRONT TRACK ADJUSTMENT 4WD	MM	1155/1422	1155/1422	1155/1422	1155/1422	1155/1422	1155/1422	1155/1422
REAR TRACK ADJUSTMENT	MM	992/1415	992/1415	992/1415	992/1415	992/1415	992/1415	992/1415
WEIGHT 2WD (WITHOUT BALLAST) + (130 KG CAB)	KG	2500	2615	2500	2615	2615	2615	2615
WEIGHT 4WD (WITHOUT BALLAST) + (130 KG CAB)	KG	2615	2845	2615	2845	2845	2845	2845
<b>STANDARD TYRES</b>								
FRONT 2WD		7.50-16	7.50-16	7.50-16	7.50-16	7.50-16	7.50-16	7.50-16
REAR 2WD		13.6-R28	13.6-R28	13.6-R28	13.6-R28	13.6-R28	13.6-R28	13.6-R28
FRONT 4WD		7.50-18	7.50-18	7.50-18	7.50-18	7.50-18	7.50-18	7.50R18
REAR 4WD		13.6R28	13.6-R28	13.6-R28	13.6-R28	13.6-R28	13.6-R28	13.6R28
<b>OPTIONAL EQUIPMENT</b>								
6 FRONT WEIGHTS 79.2 LB. (36 KG) EACH	○	○	○	○	○	○	○	○
4 REAR WEIGHTS 99 LB. (45 KG) EACH	○	○	○	○	○	○	○	○
HYDRAULIC TRAILER BRAKES	○	○	○	○	○	○	○	○

Key: • standard ○ option - not available

N.B.: all other data not included in this table are the same for both the TECHNO and SYNCHRO SHUTTLE versions of the 70, 80, 85 and 90 F models. The TECHNO versions of the 100, 110 and 120 F models are not included in the price list.