

Part Number	TRAK 20P M11 w/ TMX Control Machine S/N Includes DR	2020 List Price	Exchange Part#	2020 Exchange Price	NOTES
27724	21" X 48" PALLET JACK	\$459	N/A	N/A	N/A
28161-10	AC DR ASSY-220V-SING PH-PROG-20P M11-10K	\$2,797	N/A	N/A	440 volt
28161	AC DRIVE ASSY 3HP-220 VAC-PROGRAMMED	\$2,797	N/A	N/A	STOCK-MANUAL-PROGRAMMING-2 OP M11
28161-2	AC DRIVE ASSY-3 HP 220 VAC-SGL PASE-20P	\$2,797	N/A	N/A	Transformer fuses - 440 volt
28161-11	AC DRIVE ASSY-3HP-220 VAC-SINGLE-10K	\$2,797	N/A	N/A	Transformer fuses - 440 volt
28161-1	AC DRIVE ASSY-3HP-440 VAC PROGRAMMED	\$2,797	N/A	N/A	Transformer fuses - 440 volt
27177-1	ADAPTER-LINK--COOLANT - 20P	\$20	N/A	N/A	These are individual links, used on coolant line for tool as well as coolant wash
26931-1	AIR PRESSURE SWITCH (S9710)	\$109	N/A	N/A	
28034	AIR REGULATOR	\$53	N/A	N/A	Used on door air tank
27522	BALL SCREW X-AXIS M10/M11	\$977	N/A	N/A	N/A
27579	BALL SCREW-Y-AXIS-20P	\$977	N/A	N/A	N/A
27533-1	BALLSCREW-Z AXIS-M11	\$977	N/A	N/A	ATC cylinder, old style, very limited stock available, replace with 27242 kit
27701	BB SET(2)-ANGULAR CONTACT 7305 BECBP	\$226	N/A	N/A	N/A
23930	BEARING SET (2) ANGULAR CONTACT 7204 BEC	\$222	N/A	N/A	SET OF 2 FOR X AXIS
22008	BEARING-204KTT	\$91	N/A	N/A	USED ON RIGHT SIDE OF TABLE
27689-1	BELLOW-PS-LEFT-300MM H (X-AXIS)	\$139	N/A	N/A	X axis
27689-3	BELLOW-PS-LEFT-70MM H (Z-AXIS)	\$174	N/A	N/A	Z axis
27689-2	BELLOW-PS-RIGHT-300MM H (X-AXIS)	\$139	N/A	N/A	X axis
27689-4	BELLOW-PS-RIGHT-70MM H (Z-AXIS)	\$174	N/A	N/A	Z axis
400-5M-15	BELT - TIMING 5MM POWERGRIP	\$101	N/A	N/A	Z AXIS
450-5M-15	BELT TIMING	\$101	N/A	N/A	X-AXIS
27262-1	BRACKET-L-LEFT SIDE ATC-20P	\$23	N/A	N/A	Part must be inspected upon arrival
27262-2	BRACKET-L-RIGHT SIDE-ATC-20P	\$23	N/A	N/A	Different than M10
27640-1	BRAKE ASSY-Z AXIS-24VDC-M11	\$144	N/A	N/A	Not available separately, replace panel 28160
26768-BULB	BULB-BEACON LIGHT LPM (NOTES)	\$8	N/A	N/A	N/A
26769-1-BULB	BULB-WORKLIGHT-110VAC(NOTES)	\$25	N/A	N/A	ORDER 26769-2
15361	CABLE ASSY-AUX BOX HAAS EXTERNAL	\$75	N/A	N/A	N/A
15361-2	CABLE ASSY-COMP/MILL INDEXER		N/A	N/A	440 volt option
21490-1	CABLE ASSY-POWER CORD-3 PHASE-220V-2 OP	\$111	N/A	N/A	N/A
26891-5	CARRIER CABLE-Z-AXIS-20P	\$177	N/A	N/A	N/A
28158	COMPUTER MODULE ASSY-M11	\$2,755	N/A	N/A	X and Y axis servo – must order this part # to ensure it is programmed

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22892-4	CONTACTOR-220 VAC, 2.2kW, COIL 50/60 24V	\$45	N/A	N/A	N/A
27713	COOLANT PUMP - M10 & M11	\$437	N/A	N/A	N/A
27857	COUPLING-SPINDLE-20P	\$150	N/A	N/A	N/A
27243	COVER-BRAKE-M11	\$23	N/A	N/A	Dust Cover
27679-1	COVER-WIPER-FRONT-WORKTABLE 20P	\$111	N/A	N/A	Wiper on ATC
27679-2	COVER-WIPER-REAR-WORKTABLE 20P	\$111	N/A	N/A	Wiper on ATC
27583-1	CYLIND-32 BORE 300 STROKE-M10/M11(NOTES)	\$84	N/A	N/A	ATC cylinder, old style, very limited stock available, replace with 27242 kit
27502-3	CYLINDER ASSY-TOOL UNCLAMP	\$643	N/A	N/A	Feet the machine sits on
27583-5	CYLINDER-AIR-20MM BORE X 60MM STROKE	\$79	N/A	N/A	ATC door assist cylinder
27583-6	CYLINDER-AIR-40mm BORE 125mm STROKE	\$77	N/A	N/A	Door lift cylinder
27838-1	DRIVE DOG-FLANGED-SPINDLE(2 PC SET)	\$27	N/A	N/A	Front and rear of table
27553	ENCODER ASSY-MOTOR SPINDLE-20P	\$385	N/A	N/A	
26564-1	FAN-110VAC	\$42	N/A	N/A	For electrical cabinet door and transformer fan
26348-1	FAN-SPINDLE MOTOR-20P	\$137	N/A	N/A	N/A
22607-4	FILTER ELMNT - REPLACE-40um-BRASS-POROUS	\$13	N/A	N/A	For air regulator
22607-2	FILTER/REG W/ 0-160 PSI GAUGE-40uM FLTER	\$54	N/A	N/A	Main air regulator
22607-5	FILTER/REGULATOR-5µm FILTER	\$53	N/A	N/A	Same switch for both
28133	FILTER-FINE CHIP-20P	\$31	N/A	N/A	New style chip filter
22552-1	FILTER-PT4-5.75 X 5.75	\$10	N/A	N/A	N/A
28071	FLOW CONTROL-ATC DOOR ASSIST	\$13	N/A	N/A	Used on ATC and ATC door assist cylinder
28071-1	FLOW CONTROL-WITH MUFFLER	\$13	N/A	N/A	Used on ATC cylinder
28182-4	FUSE 600 VAC-4A	\$29	N/A	N/A	N/A
28182-8	FUSE 600 VAC-8A	\$29	N/A	N/A	N/A
28182-8	FUSE 600 VAC-8A	\$29	N/A	N/A	N/A
21824-4	FUSE-3AG-TIME DELAY-.25x1.25L-4 AMP	\$5	N/A	N/A	Main air regulator
28182-1	FUSE-600 VAC-1A	\$29	N/A	N/A	Z AXIS
28182-15	FUSE-600 VAC-FAST ACTING CLASS CC-15A	\$29	N/A	N/A	Y axis belt
28182-15	FUSE-600 VAC-FAST ACTING CLASS CC-15A	\$29	N/A	N/A	Y axis belt
23153-1	FUSE-600VA-TIME DELAY-CLASS CC-1 AMP	\$29	N/A	N/A	220 volt electrical cabinet
23153-12	FUSE-600VA-TIME DELAY-CLASS CC-12 AMP	\$29	N/A	N/A	Transformer fuses - 220 volt
23153-15	FUSE-600VA-TIME DELAY-CLASS CC-15 AMP	\$29	N/A	N/A	220 volt electrical cabinet

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23153-15	FUSE-600VA-TIME DELAY-CLASS CC-15 AMP	\$29	N/A	N/A	220 volt electrical cabinet
23153-30	FUSE-600VA-TIME DELAY-CLASS CC-30 AMP	\$29	N/A	N/A	Transformer fuses - 220 volt
23153-4	FUSE-600VA-TIME DELAY-CLASS CC-4 AMP	\$29	N/A	N/A	N/A
23153-4	FUSE-600VA-TIME DELAY-CLASS CC-4 AMP	\$29	N/A	N/A	N/A
23152-10	FUSE-TIME DELAY-10A-500 V-10mm X 38mm L	\$29	N/A	N/A	Transformer fuses - 440 volt
27494	GRIPPER ASSY-DUAL-TOOL CHANGER	\$34	N/A	N/A	N/A
27493	GRIPPER ASSY-TOOL CHANGER	\$24	N/A	N/A	N/A
26740-3	GUIDE-LINEAR-SET (2)- X AXIS 2OP	\$748	N/A	N/A	N/A
26740-4	GUIDE-LINEAR-SET (2)- Y AXIS 2OP	\$748	N/A	N/A	N/A
26740-5	GUIDE-LINEAR-SET (2) Z AXIS 2OP	\$748	N/A	N/A	N/A
27937-1	HANDLE-DOOR-2OP	\$30	N/A	N/A	N/A
26538-1	HANDWHEEL ELECTRONIC-PT8	\$216	N/A	N/A	N/A
27555-2	LEVELING PAD (FOOT)-FRAME ASSY(M10&M11)	\$24	N/A	N/A	Feet the machine sits on
24404-3	LEXAN WINDOW-DOOR-2OP	\$147	N/A	N/A	N/A
22680-4	LIMIT SWITCH-PLUNGER	\$25	N/A	N/A	N/A
22680-3	LIMIT SWITCH-SPDT	\$89	N/A	N/A	N/A
26708 -2	LUBE PUMP	N/A	N/A	N/A	Different than M10, has pressure and oil level feedback
26718-1	LUBE PUMP-110VAC-W/SENSOR-M11 & EURO	\$496	N/A	N/A	N/A
28153	MOTOR ASSY-DELTA-750W (M11)(X & Y)	\$1,412	N/A	N/A	N/A
28164-1	MOTOR-BRUSHLESS DELTA-1KW	\$1,412	N/A	N/A	Transformer fuses - 440 volt
27380	MOTOR-SPINDLE-INDUCTION-3HP-2OP-10K	\$2,060	N/A	N/A	N/A
27177-5	NOZZLE-COOLANT-1/4" ROUND	\$25	N/A	N/A	N/A
26769-1	OBSOLETE. SELL 26769-2	\$214	N/A	N/A	Inside machine, replaces 26769-1
28160	PANEL ASSY- 2OP M11 MILL	\$919	N/A	N/A	MANUAL-SERVICE-2OP M11
21490-2	POWER CORD ASSY-3 PHASE-440V-2 OP	\$88	N/A	N/A	440 volt option
28074	QUICK EXHAUST-ATC	\$13	N/A	N/A	Used on ATC cylinder
27242	REPLACE KIT-CYLIND&SENSORS-M10/11(NOTES)	\$352	N/A	N/A	New style, replaces 27583-1, 27641 and 27641-1
27175-4	RESISTOR ASSY-100 OHMS-500W-SPINDLE BRK	\$108	N/A	N/A	These are individual links, used on coolant line for tool as well as coolant wash
27175-5	RESISTOR ASSY-200 OHMS-500W-SPINDLE BRK	\$108	N/A	N/A	Used on coolant wash and coolant for tool.
27175-3	RESISTOR ASSY-300HM-500W-BRAKE Z-AXIS	\$108	N/A	N/A	440 volt resistors, , same resistor as M10 but using different terminal at end of wire.
27263	SEAL-LF OR RT SIDE-ATC 2OP	\$7	N/A	N/A	N/A

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27904	SEAL-SPINDLE-2OP	\$49	N/A	N/A	Used on ATC cylinder
27641	SENSOR ASSY-REED SE-ATC FRONT(NOTES)	\$50	N/A	N/A	Sensor on ATC cylinder, old style, limited stock available, replace with 27242 kit
27641-1	SENSOR ASSY-REED SWITCH-ATC BACK(NOTES)	\$47	N/A	N/A	Sensor on ATC cylinder, old style, limited stock available, replace with 27242 kit
28163-1	SERVO DRIVE ASSY-1KW-PROGRAMMED(M11 Z)	\$804	N/A	N/A	Transformer fuses - 220 volt
28163	SERVO DRIVE-750W-PROGRAMMED (M11 X&Y)	\$804	N/A	N/A	CD-MANUALS-SERVICE & PROGRAM 2OP M11
26938-5	SOLENOID VALVE-DUAL-24VDC-4WAY	\$187	N/A	N/A	ATC cylinder
27830-1	SPINDLE ASSY-2OP M11 MILL	\$3,627	N/A	N/A	Front and rear of table
27382	SPINDLE ASSY-2OP-10K	\$4,536	N/A	N/A	N/A
26849-4	SPINDLE MOTOR 3 HP WITH ENCODER-M11 2OP	\$1,566	N/A	N/A	N/A
26768-2	STATUS LIGHT ASSY-2OP (SEE NOTES)	\$35	N/A	N/A	ORDER 26768-3
26768-3	STATUS LIGHT LED ASSY-24VDC M10/M11	\$82	N/A	N/A	N/A
26716-2	SWITCH ASSY-PUSH BUTTON-SERVO ON DBL POL	\$41	N/A	N/A	N/A
26039	SWITCH-E-STOP-PUSH BUTTON	\$112	N/A	N/A	
22680-5	SWITCH-LIMIT-ROLLER PLUNGER	\$39	N/A	N/A	Door switch
22874-1	SWITCH-TOOL UNCLAMP(GREEN BUTTON)	\$48	N/A	N/A	N/A
28152-1	TRANSFORMER ASSY- 1.1KVA	\$473	N/A	N/A	Z axis servo – must order this part # to ensure it is programmed
28152-2	TRANSFORMER ASSY-4290VA-UL/CE	\$473	N/A	N/A	N/A
26938-6	VALVE-AIR-SOLENOID-SINGLE-4WAY-2POS-24VD	\$172	N/A	N/A	220 volt resistors, same resistor as M10 but using different terminal at end of wire.
28071-3	VALVE-FLOW CONTROL-INLINE-AIR SSU6	\$13	N/A	N/A	Used on ATC door assist cylinder
28071-2	VAVLE-FLOW-CONTROL-AIR	\$13	N/A	N/A	On tool unclamp cylinder
27998-2	WIPER-CENTER--FRONT & REAR 2OP	\$24	N/A	N/A	Front and rear of table
27998-3	WIPER-FRONT/RIGHT 2OP	\$24	N/A	N/A	Front and rear of table
27998-1	WIPER-FRONT-LEFT 2OP	\$24	N/A	N/A	Front and rear of table
27682-4	WIPER-LEFT SIDE-COVER ASSY-TOOL 2OP	\$28	N/A	N/A	Wiper on ATC
27682-5	WIPER-RIGHT SIDE-COVER ASSY-TOOL 2OP	\$28	N/A	N/A	Wiper on ATC
27682-2	WIPER-TOP/LEFT-COVER ASSY-TOOL 2OP	\$28	N/A	N/A	Wiper on ATC
27652-2	WIPER-TOP/RIGHT-COVER ASSY-TOOL	N/A	N/A	N/A	Wiper on ATC
27682-3	WIPER-TOP/RIGHT-COVER ASSY-TOOL 2OP	\$28	N/A	N/A	Wiper on ATC
26769-2	WORK LIGHT LED-110/220VAC - M10/M11	\$214	N/A	N/A	Inside machine, replaces 26769-1

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<b>Manuals</b>		<b>CD</b>	<b>Print</b>		
28170	MANUAL-SERVICE-2OP M11	\$70	N/A		N/A
28171	STOCK-MANUAL-PROGRAMMING-2 OP M11	\$77	N/A		**comes as a pair, used on Z axis
28172	CD-MANUALS-SERVICE & PROGRAM 2OP M11	\$50	N/A		N/A