TABLE OF CONTENTS

SECTION 1	CAUTIONS:
SECTION 2	PREPARATION OF OPERATION:
SECTION 3	ADJUSTING FOR TYING DIAMETER:
SECTION 4	LOADING THE TWIST TIE RIBBON:
SECTION 5	OPERATION OF THE MACHINE:
SECTION 6	ADJUSTING THE ENDS OF THE TIES:
SECTION 7	CHANGING THE TWIST TIE RIBBON SPOOLS:
SECTION 8	TROUBLE-SHOOTING:
SECTION 9	REMEDIES:
SECTION 10	MACHINE SPECIFICATIONS:
SECTION 11	PARTS LISTS:

SECTION 1 - CAUTIONS:

- 1) BEFORE OPERATING THE MACHINE, READ THE COMPLETE INSTRUCTION MANUAL.
- NEVER HAVE THE POWER CORD OF THIS MACHINE PLUGGED INTO THE POWER SOURCE WHEN ANY COVERS OF THIS MACHINE HAVE BEEN REMOVED.
 THIS MAY RESULT IN ELECTRICAL SHOCK.
- 3) INSTALL AND OPERATE THIS MACHINE ON A FLAT, LEVEL, AND DRY SURFACE. UNSTABLE SURFACES MAY CAUSE THE MACHINE TO FALL OF THE SURFACE AND DAMAGE THE MACHINE.
- 4) USE ONLY THE SPECIFIED ELECTRICAL POWER INPUT WITH THIS MACHINE.
- 5) ALWAYS KEEP HANDS, CLOTHING, JEWELRY, AND HAIR AWAY FROM ALL MOVING PARTS OF THIS MACHINE. ALSO, KEEP THE SIDES OF THE MACHINE CLEAR FOR VENTILATION AAND SAFETY.
- 6) DO NOT OPERATE THIS MACHINE WITHOUT THE TWIST TIE MATERIAL IN ITS PROPER FEEDING POSITION.
- 7) KEEP THIS MACHINE CLEAN AND DRY AT ALL TIMES. DO NOT WASH MACHINE AS DAMAGE WILL RESULT IN THE ELECTRICAL COMPONENT. ALSO, IF THIS MACHINE IS BEING USED IN A HIGH HUMIDITY ENVIRONMENT, MAKE SURE MACHINE IS PROPERLY GROUNDED.
- 8) FOR BEST RESULT, USE ONLY TWIST TIE RIBBONS MEETING TACH-IT'S SPECIFICATIONS AND STANDARDS. ANY DAMAGE CAUSED TO THE MACHINE BY NOT USING A RIBBON MEETING THE MANUFACTURER'S SPECIFICATIONS AND STANDARDS MAKES THE WARRANTY NULL AND VOID. SAMPLES OF RIBBON CAN BE SENT TO THE MANUFACTURER FOR APPROVAL.
- 9) NEVER INSERT AN OBJECT OF A LARGER DIAMETER THAN THE DIAMETER OF THE MOVABLE JAWS ARE SET FOR. THIS MAY CAUSE DAMAGE TO THE OPERATOR AND THE MACHINE.
- 10) NEVER USE THE MACHINE IN A COMBUSTIBLE ATMOSPHERE, AN EXPLOSIVE ENVIRONMENT, OR IN ANY LOCATION WHERE THERE IS ANY TYPE OF FLAMMABLE GAS. FIRE OR EXPLOSION MAY RESULT.
- 11) TURN POWER OFF AND DISCONNECT POWER CORD WHENEVER SERVICE OR ADJUSTMENTS ARE DONE TO THE MACHINE.
- 12) DO NOT MODIFY THE MACHINE.
- 13) DO NOT USE THIS MACHINE IN ANY LOCATION WHERE THE TEMPERATURE EXCEEDS 40 DEGREES CELSIUS.
- 14) SERVICE ON THIS MACHINE SHOULD BE ONLY PERFORMED BY FACTORY TRAINED AUTHORIZED SERVICE PERSONNEL.
- 15) NEVER USE THIS MACHINE FOR OTHER THAN ITS INTENDED APPLICATIONS. USE OF THE MACHINE ON UNINTENDED APPLICATIONS CAN CAUSE HARM TO THE OPERATORS, THE MACHINE, AND THE PRODUCT, PLEASE CONTACT THE MANUFACTURER IF THERE IS ANY QUESTIONS TO WHETHER THIS MACHINE CAN BE USED FOR A PARTICULAR APPLICATION.

16) FOLLOWING CAUTION LABELS ARE ATTACHED ON EACH POSITION DESIGNATED.

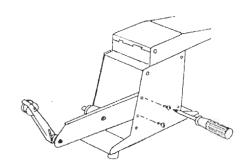
CAUTION LABEL	POSITION	MEANING
CAUTION BUNDLING DIAMETER 3/8-13/8 (INCH)	THIS LABEL IS ATTACHED NEAR BY MOVABLE JAWS.	IT INDICATES THAT MIN. AND MAX. BUNDLING DIAMETER AVAILABLE IN THIS MACHINE.
CAUTION DO NOT OPERATE WHILE COVER IS OPEN.	THIS LABEL IS ATTACHED ON UPPER COVER.	IT INDICATES A CAUTION NOT TO OPERATE THIS MACHINE WHILE UPPER COVER IS OPEN. (THIS MACHINE IS DESIGNED TO CUT OFF ELECTRICITY WHEN THE COVER IS OPEN.)

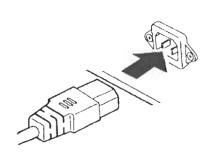
SECTION 2 - PREPARATION FOR OPERATION:

INSTALLATION OF PARTS:

- 1) INSERT SPOOL HOLDER ARM INTO THE MAIN BODY AND FIX WITH 2 SCREWS ENCLOSED.
- CONNECT POWER SUPPLY CORD TO PLUG SOCKET LOCATED ON THE SIDE OF THE MAIN BODY.

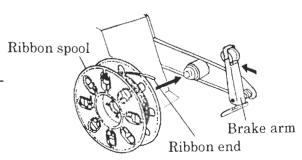
APPLICANCE INLET SERVES AS DISCONNECT DEVICE. AFTER INSTALLATION OF THE EQUIPMENT, THE APPLICANCE INLET HAS TO BE EASILY ACCESSIBLE.



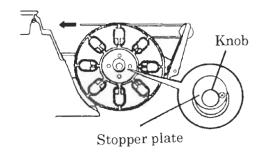


INSTALLATION OF RIBBON SPOOLS:

1) PUSHING THE BRAKE ARM IN THE DIRECTION OF THE ARROW, SET THE SPOOL OF RIBBON ONTO THE MANDREL LOCATED ON THE SPOOL HOLDER ARM. WHEN PUTTING SPOOL ON THE MANDREL, MAKE SURE AS THE RIBBON IS PULLED FROM THE SPOOL, THE SPOOL IS TURNING CLOCKWISE AND THE FREE END IS GOING TOWARDS THE PULLEY ON THE BRAKE ARM.

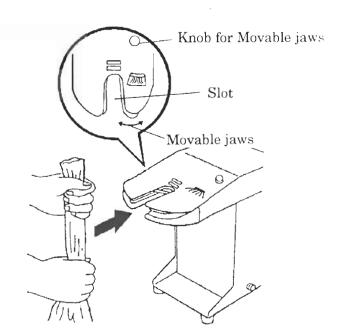


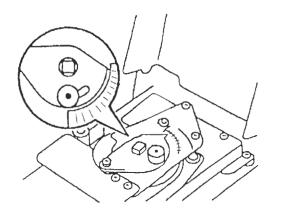
2) TO SECURE THE SPOOL ON THE MANDREL SLIDE THE STOPPER PLATE UPWARD AS IN THE FIGURE AND TIGHTEN THE THUMB SCREW SECURING THE SPOOL.



SECTION 3 - ADJUSTING FOR TYING DIAMETER:

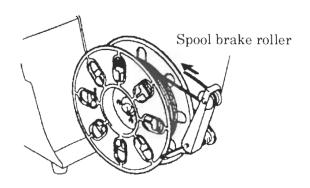
- 1) LOOSEN THE KNOB FOR THE MOVABLE JAWS AND OPEN THEM UP ALL THE WAY BY SLIDING THE KNOB TOWARDS THE RIGHT IN THE DIRECTION OF THE #35 ON THE SCALE.
- 2) SECURELY HOLD THE PRODUCT TO BE TIED AND INSERT IT ALL THE WAY INTO THE SLOT. IN THE CASE OF A BAG, TWIST THE NECK OF THE BAG THE WAY IT WOULD BE DONE IN PRODUCTION AND INSERT IT INTO THE SLOT WHILE TWISTED.
- 3) HOLDING THE KNOB FOR MOVABLE JAWS, SLIDE THE KNOB TO THE LEFT UNTIL THE JAWS CLOSE TO A POSITION SLIGHTLY LARGER THAN THE PRODUCT THAT IS INSERTED INTO THE SLOT. ONCE THIS IS DONE, TIGHTEN THE KNOB. NOTE THE NUMBER ON THE SCALE THAT MATCHES TO THE DIAMETER YOU HAVE SET THE OPENING TO.
- 4) LIFT THE UPPER COVER UP AND LOCATE THE RIBBON FEED ADJUSTING PLATE. LOOSEN THE THUMB SCREW SLIGHTLY AND MOVE THE PLATE SO THAT THE SCALE READS THE SAME AS THE SCALE FOR THE MOVABLE JAWS. TIGHTEN THE THUMB SCREW.

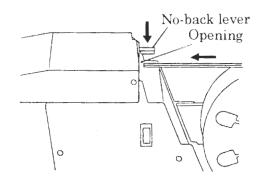


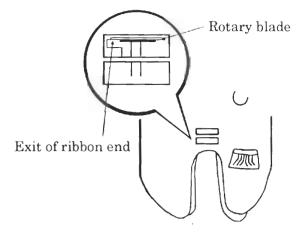


SECTION 4 - LOADING THE TWIST TIE RIBBON:

- 1) THREAD THE RIBBON
 TOWARDS THE REAR OF
 THE MACHINE, THROUGH
 THE SPACE UNDER THE
 SPOOL BRAKE ROLLER,
 AROUND THE SPOOL
 BRAKE ROLLER, AND
 THROUGH THE SPACE AT
 THE TOP OF THE ROLLER.
 PER THE FIGURE.
- 2) FEED THE RIBBON TO THE REAR OF THE MACHINE.
 PUSHING THE NO-BACK
 LEVER TOWARDS THE
 RIGHT SIDE OF THE
 MACHINE, INSERT AND
 THREAD THE RIBBON INTO
 THE OPENING > NOTE IF
 THE RIBBON IS CURVING
 DUE TO THE WINDING
 FROM THE SPOOL, THREAD
 THE RIBBON SO THE CURVE
 GOES TO THE OUTSIDE OF
 THE MACHINE.
- 3) THREAD THE RIBBON
 UNTIL IT COMES THROUGH
 THE ROTARY CUTTER
 APPROXIMATELY 1/4 TO 1/2
 INCH. RELEASE THE NOBACK LEVER. ON THE 1ST
 CYCLE OF THE MACHINE
 AFTER THE RIBBON IS FED,
 THE RIBBON MAY NOT BE
 FED TO THE PROPER
 LENGTH, BUT IT WILL ON
 ALL OTHER CYCLES AFTER THAT.





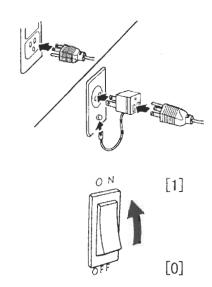


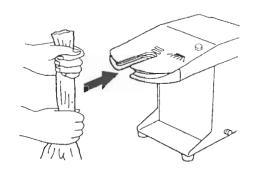
SECTION 5 - OPERATION OF THE MACHINE:

- 1) PLUG THE POWER CORD INTO THE MACHINE, AND THEN PLUG IT INTO A PROPERLY GROUNDED OUTLET OF THE SAME VOLTAGE AS THE MACHINE.
- 2) TURN THE ON/OFF SWITCH LOCATED ON THE SIDE OF THE MACHINE TO THE ON POSITION.

 N.B. [1]: ON [0]: OFF
- 3) SQUEEZING THE NECK OF THE BAG OR THE PRODUCT TO BE TIED, HOLD THE BAG SECURELY AND INSERT IT ALL THE WAY INTO THE SLOT OF THE MACHINE. WAIT FOR THE TIE TO BE COMPLETED, AND THEN REMOVE THE BAG OR PRODUCT FROM THE SLOT. THE MACHINE IS NOW READY FOR THE NEXT TIE.

NOTE: DO NOT INSERT A BAG OR PRODUCT THAT IS BIGGER THAN THE DIAMETER SET AT THE MOVABLE JAWS. IF THIS IS DONE, DAMAGE TO THE MACHINE, OPERATOR, AND/OR PRODUCT MAY RESULT.



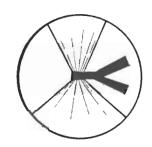


SECTION 6 - ADJUSTING THE ENDS OF THE TIE:

ENDS OF THE TIE ARE DIFFERENT LENGTHS (ASYMMETRICAL):

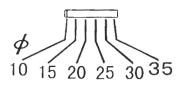
IF IT IS DESIRED THAT THE ENDS OF THE TIE ON THE BAG ARE DIFFERENT LENGTHS THAN SET THE RIBBON FEED ADJUSTABLE PLATE TO A LARGER GRADUATION AS THE MOVABLE JAWS HAVE BEEN SET TO. GRADUATIONS CAN BE FOUND BY THE ADJUSTING SCREW.

IF THE ENDS OF RIBBON ARE STILL TO CLOSE TO EACH OTHER IN LENGTH THAN MOVE THE RIBBON FEED ADJUSTABLE PLATE TO A LONGER SETTING AND TRY AGAIN.

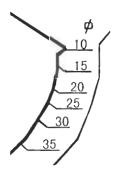


EXAMPLE:

IF THE OUTER DIAMETER OF THE NECK OF A BAG IS 10mm, THE MOVABLE JAWS SHOULD BE SET TO 10mm AND THE RIBBON FEET ADUSTABLE PLAE SHOULD BE SET TO 15mm OR SLIGHTLY LARGER.



graduation of bundling diameter



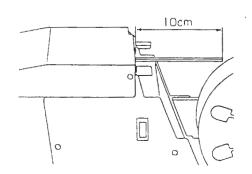
graduation of Ribbon feed adjustable plate

NOTE: LENGTH OF RIBBON FEED MAY DIFFER SLIGHTLY DEPENDING ON THE KIND OF RIBBON BEINGT USED ON THE MACHINE.

ONE CAUSE OF THE MACHINE MISTYING IS IF THE RIBBON FEED ADJUSTABLE PLATE IS SET MUCH SMALLER THAN THE PRODUCT TO BE TIED, SO THERE IS NOT ENOUGH RIBBON TO COMPLETE THE TIE. IF THIS SHOULD HAPPEN, RESET THE RIBBON FEED ADJUSTABLE PLATE TO THE PROPER SETTING.

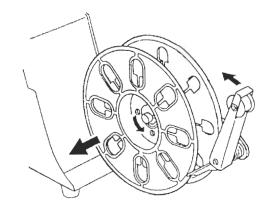
SECTION 7 - CHANGING TWIST TIE RIBBON SPOOLS:

1) !T IS BEST TO CHANGE THE SPOOL OF TWIST TIE RIBBON WHEN THERE IS ABOUT 3" OF MATERIAL REMAINING OUTSIDE THE MACHINE. TO REMOVE THE TWIST TIE MATERIAL, PUSH THE NO-BACK LEVER TO THE RIGHT AND PULL THE RIBBON OUT TOWARDS THE REAR OF THE MACHINE.



NOTE: IT IS IMPORTANT TO NOT ALLOW THE LOOSE END OF THE RIBBON TO ENTER THE MACHINE AS IT MAY BECOME LODGED AND INTERFERE WITH THE OPERATION OF THE MACHINE.

- 2) LOOSEN THE KNOB ON THE STOPPER PLATE FOR THE SPOOL, SWIVEL IT OUT OF THE WAY, AND REMOVE THE USED SPOOL.
- 3) INSTALL AND LOAD A NEW SPOOL OF MATERIAL PER THE INSTRUCTIONS IN THIS MANUAL.



SECTION 8 - TROUBLE-SHOOTING:

IT IS VERY IMPORTANT THAT BEFORE ANY SERVICE OR ADJUSTMENTS BE ATTEMPTED ON THIS MACHINE THAT THE ON/OFF SWITCH IS IN THE OFF POSITION AND THAT THE POWER COAD IS REMOVED FROM THE MACHINE AND THE POWER OUTLET.

CONDITION	CAUSE	REMEDY
MACHINE DOES NOT CYCLE EVEN THOUGH THE ON/OFF SWITCH IS IN THE ON POSITION.	UPPER COVER IS NOT COMPLETELY CLOSED.	CLOSE UPPER COVER AND VERIFY THAT SAFETY SWITCH ON THE SIDE IS DEPRESSED BY THE COVER.
MACHINE IS MISSING TIES.	1) RIBBON IS TANGLED IN MACHINE. 2) RIBBON FEED IS ADJUSTED TO SHORT FOR THE ITEM TO BE TIED. 3) RIBBON IS NOT THREADED CORRECTLY OR IS NOT COMING OFF THE SPOOL EASILY.	1) REMOVE THE PIECE OF TANGLED RIBBON. 2) LENGTHEN RIBBON FEED BY ADJUSTING THE RIBBON FEED ADJUSTING PLATE. 3) RETHREAD RIBBON PER THE INSTRUCTIONS IN THIS MANUAL.
WHEN THREADING THE RIBBON, A TIP OF RIBBON DOES NOT APPEAR AT THE OPENING BEYOND THE ROTARY CUTTER	RIBBON IS ROLLED UP AROUND FEED ROLLER.	REMOVE THE RIBBON ROLLED UP AROUND FEED ROLLER AND THREAD THE MACHINE AGAIN. DO NOT CYCLE THE MACHINE AS IT WILL BREAK THE RIBBON AND CAUSE IT TO BECOME TANGLED WITHIN THE MACHINE.

SECTION 9 - REMEDIES:

RIBBON IS ROLLED UP AROUND THE TWISTER GEAR:

- 1) TURN OFF MACHINE AND DISCONNECT POWER COAD.
- 2) CAREFULLY REMOVE THE RIBBON FROM AROUND THE TWISTER GEAR USING A CUTTING PLIERS. DO NOT PULL THE RIBBON AS IT MAY BREAK LEAVING SMALL PIECES IN THE MACHINE, OR IT MAY DAMAGE THE TWISTER.
- 3) RETHREAD THE MACHINE, PLUG IT IN, AND TRY.

MACHINE STOPS IN THE MIDDLE OF THE CYCLE

IF THE MACHINE STOPS IN THE MIDDLE OF THE CYCLE FOR ANY REASON, FOLLOW THE STEPS BELOW:

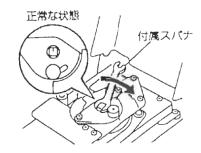
- 1) TURN MACHINE OFF AND DISCONNECT THE POWER COAD.
- 2) LOCATE THE MAIN SHAFT. IT IS THE SHAFT UNDER THE UPPER COVER WITH THE 4 SIDES MACHINED.
- 3) USING THE SPANNER (8mm WRENCH)
 ENCLOSED, TURN THE MAIN SHAFT
 COUNTER CLOCKWISE UNTIL THE ARROW
 ON TOP OF THE SHAFT IS FACING TO THE
 LEFT WHEN LOOKING FROM THE FRONT
 OF THE MACHINE.
- 4) CLOSE UPPER COVER, PLU MACHINE IN, TURN MACHINE ON, AND TRY.

CHECKING AND REMOVING RIBBON AND RIBBON RESIDUE:

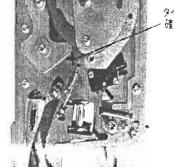
AN OPENING HAS BEEN PUT INTO THE MACHINE TO SEE IF RIBBON OR RIBBON RESIDUE IS STUCK IN THE MACHINE.

1) LOCATE THE OPENING TO CHECK RIBBON RESIDUE. SEE FIGURE.

2) IF ANY RIBBON IS SEEN REMOVE THAT PIECE OR RIBBON.



(Opening to check ribbon residuum)



SECTION 10 - MACHINE SPECIFICATION:

MODEL NUMBER: TACH-IT MODEL #3570

MACHINE DIAMETIONS: LENGTH: 25 INCHES

WIDTH: 6 INCHES HEIGHT: 11 INCHES WEIGHT: 24 LBS

POWER: VOLTAGE: 115 VOLTS AC SINGLE PHASE

FREQUENCY: 60 Hz WATTAGE: 50 WATTS

FUSE: 24MP

BUNDLING DIAMETER: 3/8" TO 1 3/8" TYING DIAMETER

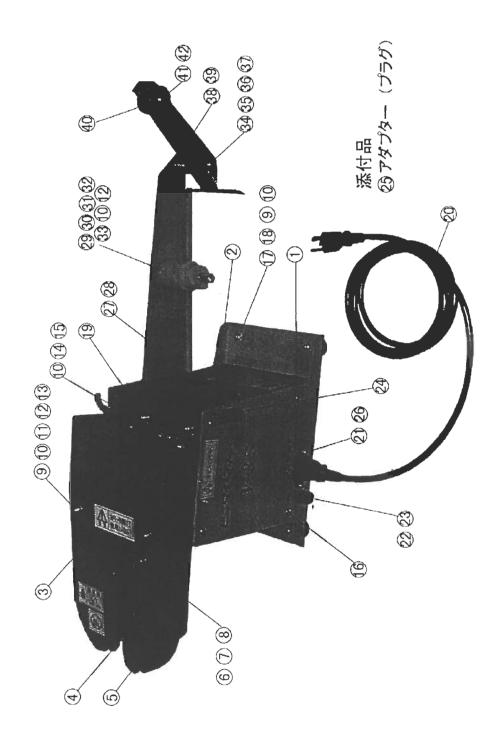
SPPED: 35 TIES PER MINUTE

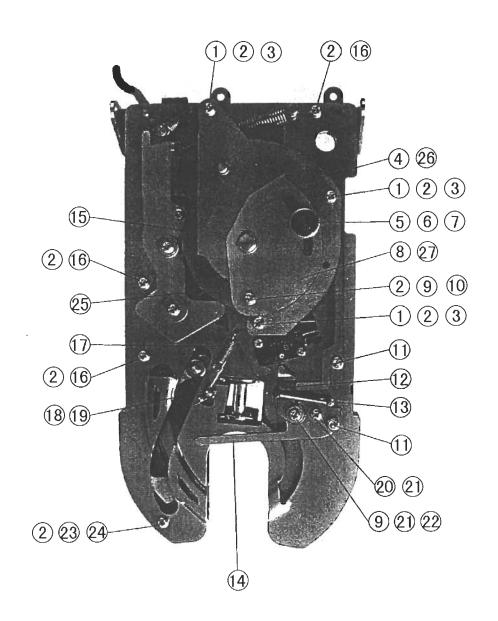
RIBBONS: TACH-IT #01-1500 27 GAUGE WIRE TWIST TIE RIBBON

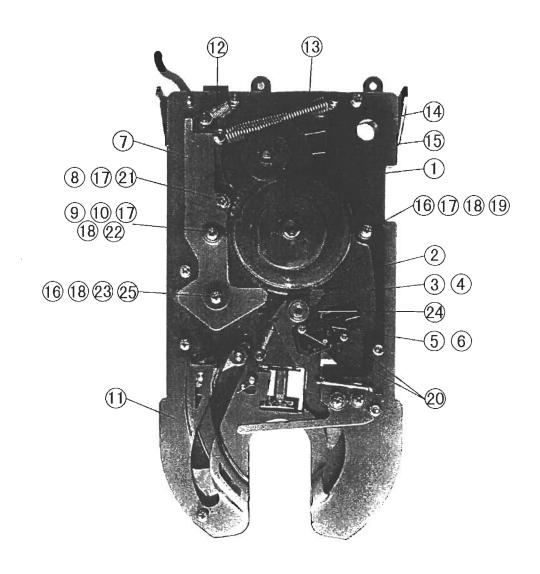
TACH-IT #05-1500 24 GAUGE WIRE TWIST TIE RIBBON TACH-IT #10-1640 POLYCORE, NON-METALIC TWIST TIE

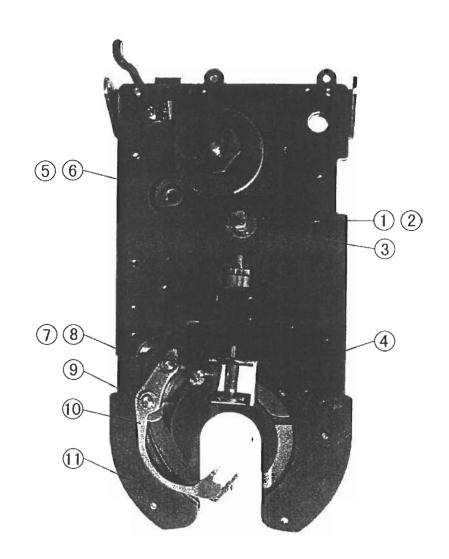
RIBBON

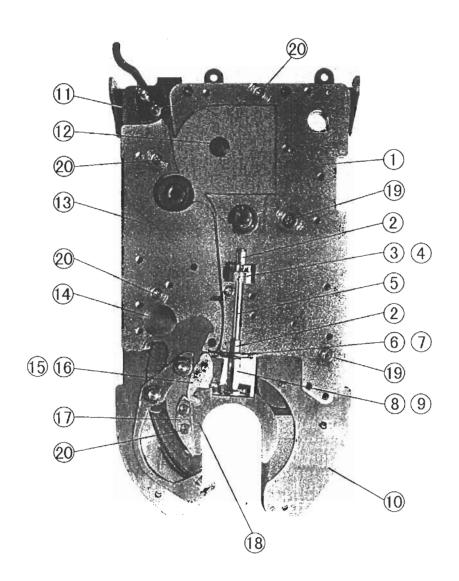
OTHER RIBBONS MEETING TACH-IT'S SPECIFICATIONS.

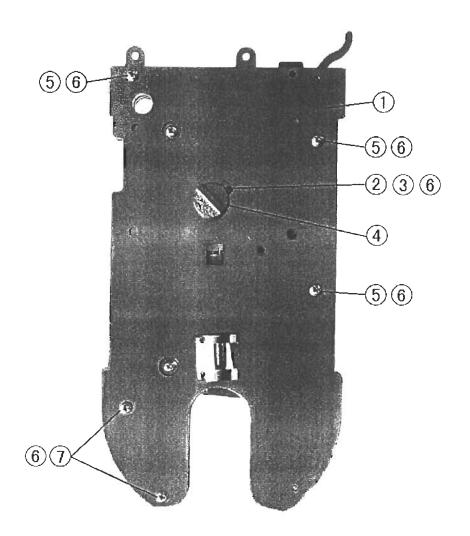


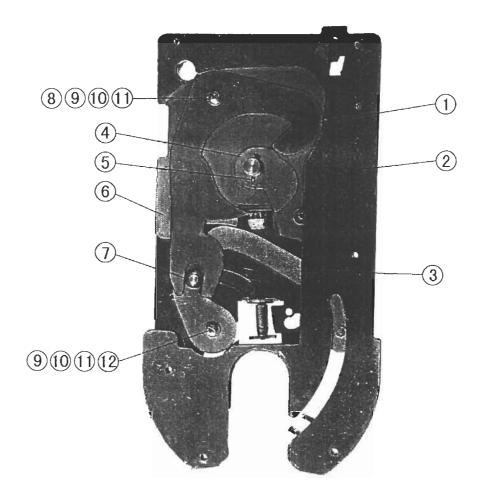


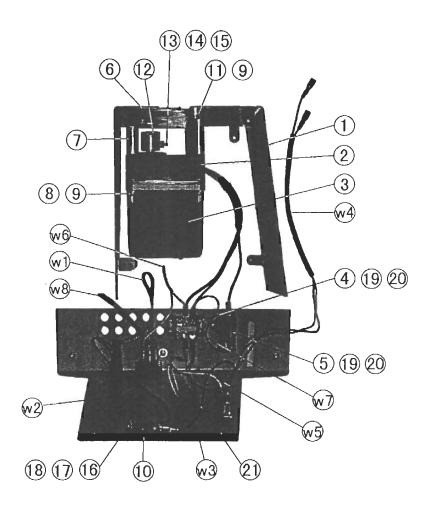












Part no.	Code no.	Description	Q'ty	Memo
V3501-1	KC-V350101	Side cover (on switch side)	1	
V3501-2	KC-V350102	Side cover (on reel arm side)	1	
V3501-3	KC-V350103	Upper cover	1	
V3501-4	KC-V350104	Movable jaw Left	1	
V3501-5	KC-V350105	Movable jaw Right	1	
V3501-6	KC-V350105	Knob	1	for Movable jaws
V3501-7	KC-V350100	SP washer M5		for Movable Jaws
V3501-7 V3501-8	KC-V350107	Flat washer M5	1 1	
V3501-8 V3501-9	KC-V350108		$\frac{1}{2}$	
		Cap nut M4		
V3501-10	KC-V350110	SP washer M4	2	C 36 11 :
V3501-11	KC-V350111	Pan head screw M4 x 12	2	for Movable jaws
V3501-12	KC-V350112	Flat washer M4	2	
V3501-13	KC-V350113	Bearing ϕ 7 x t2.5 x ϕ 4	2	for Movable jaws
V3501-14	KC-V350114	Pan head screw M4 x 10	2	for Upper cover
V3501-15	KC-V350115	Bearing MB0404-9FDU	2	for Upper cover
V3501-16	KC-V350116	Truss head screw M4 x 6	8	
V3501-17	KC-V350117	Rubber leg	4	for Side cover
V3501-18	KC-V350118	Pan head screw M4 x 16	4	for Rubber leg
V3501-19	KC-V350119	Pan head screw M4 x 8	2	for Twister ass'y
V3501-20	KC-V350120	Power supply cord	1	
V3501-21	KC-V350121	IEC plug receptacle	1	
V3501-22	KC-V350122	Fuse box	1	
V3501-23	KC-V350123	Fuse 125V 2A	1	
V3501-24	KC-V350124	ON/OFF switch	1_	
V3501-25	KC-V350125	Adapter	1	
V3501-26	KC-V350126	Pan head screw M3 x 8	2	for plug receptacle
V3501-27	KC-V350127	Spool holder arm	1	
V3501-28	KC-V350128	Pan head screw M4 x 10	2	
V3501-29	KC-V350129	Spindle	1	for fixing spool
V3501-30	KC-V350130	Stopper plate	1	for spool
V3501-31	KC-V350131	Knob M4	1	for Stopper plate
V3501-32	KC-V350132	Pan head screw M6 x 16	1	for Spindle
V3501-33	KC-V350133	SP washer M6	1	
V3501-34	KC-V350134	Shaft φ8 x 50 x M4	1	for Brake arm
V3501-35	KC-V350135	Collar φ 16 x L20 x φ 8.1	1	for Brake arm spring
V3501-36	KC-V350136	Brake arm spring	1	Tot Diano dim oping
V3501-37	KC-V350137	E-ring ETW-6	1	
V3501-37	KC-V350137	Brake arm	1	
V3501-38	KC-V350138	Bearing MB0806-15FDU	2	for Brake arm
V3501-39 V3501-40	KC-V350139 KC-V350140	Spool brake roller	1	IOI DIAKE AIM
		Shaft	+	for Brake arm
V3501-41	KC-V350141		1	пог речке агш
V3501-42	KC-V350142	E-ring ETW-4	1	
	i .			
			-	
			-	
			-	
	ļ'			

Part no.	Code no.	Description	Q'ty	Memo
V3502-1	KC-V350201	Pan head screw M4 x 25	3	for Upper cover
V3502-2	KC-V350110	SP washer M4	8	IST OPPOT GOVE
V3502-3	KC-V350203	Collar φ 10 x L12 x φ 4	3	
V3502-4	KC-V350204	Upper support plate	1	
V3502-5	KC-V350205	Fixing knob M5	1	for ribbon feed control
V3502-6	KC-V350107	SP washer M5	1	Tot Hoboli leed control
V3502-7	KC-V350107	Flat washer M5	1	
V3502-1	KC-V350208	Ribbon feed adjustable plate	1	for length adjust
V3502-9	KC-V350209	Pan head screw M4 x 8	1	lor length adjust
V3502-3	KC-V350203	Stepped shaft	1	for Adjustable arm
V3502-10	KC-V350210	Cap bolt M4 x 8	2	for stopper use
V3502-11	KC-V350211	Switching arm	1	lor stopper use
V3502-12 V3502-13	KC-V350212	Switching arm spring	1	
V3502-13 V3502-14	KC-V350213	Trigger arm	1	
V3502-14 V3502-15	KC-V350214 KC-V350215	Ribbon feed adjustable arm	1	for length adjust
V3502-16	KC-V350213	Pan head screw M4 x 10	3	for Upper base
V3502-16 V3502-17	KC-V350114 KC-V350217	Switch locking spring	1	for Opper base
V3502-17 V3502-18	KC-V350217 KC-V350218	Ribbon pushing arm spring	1	
V3502-18 V3502-19	KC-V350218	E-ring ETW-3	1	
V3502-19 V3502-20	KC-V350219	Pan head screw M4 x 8	1	for Trigger arm
V3502-20 V3502-21	KC-V350119 KC-V350221	Bearing ϕ 8 x t2.2 x ϕ 4	$\frac{1}{2}$	ioi iiiggei aim
V3502-21 V3502-22	KC-V350221 KC-V350112	Flat washer M4	1	
	KC-V350112 KC-V350223	Pan head screw M4 x 18	1	for Collar
V3502-23		Collar ϕ 7 x L6.5 x ϕ 4.1	1	for Conar
V3502-24	KC-V350224		1	for Theister and're
V3502-25	KC-V350201	Pan head screw	1	for Twister ass'y
V3502-26	KC-V350226 KC-V350227	Bearing MB0605-12FDU Bearing MB1006-18FDU	1	for Main shaft
V3502-27	KC- V 550227	Dearing MD1000-18FDC	1	ioi Maii shait
		1		,
			1	
			-	
			+	

Part no.	Code no.	Description	Q'ty	Memo
V3503-1	KC-V350301	Segment gear	1	
V3503-2	KC-V350302	Switch OFF arm	1	
V3503-3	KC-V350303	Switch lock lever	1	
V3503-4	KC-V350304	Switch lock spacer	1	
V3503-5	KC-V350305	Micro switch	1	for actuating
V3503-6	KC-V350306	Insulating spacer	1	for Micro switch
V3503-7	KC-V350307	Ribbon holding arm	1	
V3503-8	KC-V350308	Shaft ϕ 6 x L7 x M4	. 1	for Roller
V3503-9	KC-V350309	Shaft φ 8 x L12.5 x φ 4	1	for Roller
V3503-10	KC-V350310	Roller ϕ 12 x L12 x ϕ 8.1	1	for release
V3503-11	KC-V350311	Upper base	1	t=2
V3503-12	KC-V350312	No-back lever spring	1	
V3503-13	KC-V350313	Ribbon holding arm spring	1	
V3503-14	KC-V350314	Feed roller	1	
V3503-15	KC-V350315	Spacer collar	1	for Feed roller
V3503-16	KC-V350111	Pan head screw M4 x 12	2	
V3503-17	KC-V350110	SP washer M4	3	
V3503-18	KC-V350112	Flat washer M4	3	
V3503-19	KC-V350319	Bearing $\phi 8 \times t3.5 \times \phi 4$	1	
V3503-20	KC-V350320	Pan head screw M3 x 18	2	for Micro switch
V3503-21	KC-V350114	Pan head screw M4 x 10	1	for Rubber roller
V3503-22	KC-V350223	Pan head screw M4 x 18	1	
V3503-23	KC-V350323	Flat washer M4 D=16	1	
V3503-24	KC-V350324	Spacer collar	1	(φ 13 x L6.4 x φ 10.2)
V3503-25	KC-V350325	Bearing ϕ 8 x t2.4 x ϕ 4	1	
, , , , , , , , , , , , , , , , , , , ,				
			1	
				130
	4000			
	4	1	+	

Part no.	Code no.	Description	Q'ty	Memo
V3504-1	KC-V350401	Main shaft φ 10 x 55	1	for Segment cam
V3504-2	KC-V350402	Pin φ 4 x 8	1	for Segment gear
V3504-3	KC-V350403	Bearing MB1008-18FDU	1	for Main shaft
V3504-4	KC-V350404	Width spacer upper	1	t=1
V3504-5	KC-V350405	Ribbon pressing roller	1	polyurethane
V3504-6	KC-V350406	Bearing MB0604-12FDU	1	for pressing roller
V3504-7	KC-V350142	E-ring ETW-4	1	Tor processing router
V3504-8	KC-V350408	Guide roller	1	for Needle lead arm
V3504-9	KC-V350409	E-ring ETW-5	1	Tor recede lead arm
V3504-10	KC-V350410	Needle	1	
V3504-11	KC-V350411	Middle base	1	t=2
¥ 3504-11	10-4300411	Wildule base	1	<u> </u>
			· · · · · · · · · · · · · · · · · · ·	
			 	
			-	
			-	
			+	
			 	
· · ·			_	
			ļ	

Part no.	Code no.	Description	Q'ty	Memo
V3505-1	KC-V350501	Ribbon guide Right	1	t=4.5
V3505-2	KC-V350502	Bearing MB0406DU	2	for Twister shaf
V3505 <u>-3</u>	KC-V350503	Twister gear	1	
V3505-4	KC-V350504	Fixing bolt M4 x 5	1	for Twister gear
V3505-5	KC-V350505	Twister	1	
V3505-6	KC-V350506	Rotary blade	1	
V3505-7	KC-V350507	Fixed blade	1	
V3505-8	KC-V350508	Rotary blade holding spring	1	
V3505-9	KC-V350509	Spring cover	1	
V3505-10	KC-V350510	Slot spacer	1	t=2.3
V3505-11	KC-V350511	No-back lever	1	
V3505-12	KC-V350226	Bearing MB0605-12FDU	1	
V3505-13	KC-V350513	Ribbon guide Left	1	t=4.5
V3505-14	KC-V350514	Polyurethane cushion	1	(φ20 x t4.5)
V3505-15	KC-V350515	Ribbon pushing arm	1	
V3505-16	KC-V350516	Guide roller ϕ 6 x L7 x ϕ 3.2	1	for pushing arm
V3505-17	KC-V350517	Ribbon guide slot	1	t=4.5
V3505-18	KC-V350518	Width spacer lower	1	t=1
V3505-19	KC-V350519	Countersunk screw M4 x 7	2	for Ribbon guide
V3505-20	KC-V350520	Countersunk screw M3 x 7	4	for Ribbon guide
			-	

Part no.	Code no.	Description	Q'ty	Memo
V3506-1	KC-V350601	Lower base	1	t=2
V3506-2	KC-V350602	Fixing bolt M4 x 15	1	for fixing joint
V3506-3	KC-V350603	Nut M4	1	
V3506-4	KC-V350604	External joint	1	
V3506-5	KC-V350605	Pan head screw M4 x 15	3	for Center spacer
V3506-6	KC-V350110	SP washer M4	6	for Center spacer
V3506-7	KC-V350114	Pan head screw M4 x 10	2	for Slot spacer
V 5500-1	170-4200114	Tan head screw M4 x 10		101 blot space1
			_	
			-	
			77.0	
	/,			
				1
,				
	g .	I .	f	

Part no.	Code no.	Description	Q'ty	Memo
V3507-1	KC-V350701	Needle lead arm	1	
V3507-2	KC-V350702	Lower base middle spacer	1	t=2.3
V3507-3	KC-V350703	Needle movable arm	1	
V3507-4	KC-V350704	Cam needle actuating	1	
V3507-5	KC-V350705	Pin φ 2.3 x 15	1	for Cam
V3507-6	KC-V350706	Lower base spacer	1	t=2.3
V3507-7	KC-V350707	Guide roller ϕ 12 x t2 x ϕ 6.1	1	for actuating arm
V3507-8	KC-V350708	Pan head screw M4 x 14	1	for fixing arm
V3507-9	KC-V350110	SP washer M4	2	101 HAING ATM
V3507-10	KC-V350112	Flat washer M4	2	
V3507-10 V3507-11	KC-V350112	Bearing ϕ 8 x t2.2 x ϕ 4	2	
		Pan head screw M4 x 8	1	for friend one
V3507-12	KC-V350209	Pan nead screw M4 x 8	1	for fixing arm
		,		
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		13505
			-	
			1	

KC-V350801				
170-100001	Motor cover		1	
KC-V350802	Gear box 8H18FN		1	
KC-V350803	Reversible motor		1	
KC-V350804	Terminal block 3P		1	
KC-V350805	Capacitor		1	for Motor
KC-V350806	Motor base		1	
KC-V350807	Collar φ 12 x L38 x φ 5	5.1	4	
KC-V350808	Pan head screw M5 x	80	4	for fitting Motor
KC-V350107	SP washer M5		8	
KC-V350810	Switch/Upper cover		1	SW/Up. cover
KC-V350811		10	4	for fitting Base
KC-V350812	Internal joint		1	<u> </u>
KC-V350602			1	for fixing joint
KC-V350110	SP washer M4		1	
KC-V350603	Nut M4		1	
KC-V350320	Pan head screw M3 x	18	2	for Micro switch
KC-V350817	SP washer M3		2	
KC-V350818	Nut M3		2	
KC-V350114	Pan head screw M4 x	10	3	for Capacitor
KC-V350110	SP washer M4		3	
KC-V350128	Pan head screw M4 x	10	1	for fixed earth wire
KC-V3508W1	Electric wire R	1	Plug	→ Fuse
KC-V3508W2	Electric wire R1	1	Fuse	→ SW/Up. cover
KC-V3508W3	Electric wire R2	1	SW/U	Jp. cover→Main switch
KC-V3508W4	Electric wire R3, U1	1	Trigg	ger → Switch
KC-V3508W5	Electric wire S	1	Lamp	o → Terminal block
KC-V3508W6	Electric wire S	1	Plug	→ Terminal block
KC-V3508W7	Electric wire U1	1		inal block→Capacitor
KC-V3508W8	Electric were E	1		→ Earth
110 ,00000				
			H-CONTROL OF	
			100	
			1	
	KC-V350803 KC-V350804 KC-V350805 KC-V350806 KC-V350807 KC-V350808 KC-V350810 KC-V350810 KC-V350812 KC-V350602 KC-V350602 KC-V350603 KC-V350603 KC-V350817 KC-V350817 KC-V350818 KC-V350110 KC-V350110 KC-V350110 KC-V3508W1 KC-V3508W1 KC-V3508W1 KC-V3508W2 KC-V3508W4 KC-V3508W6	KC-V350803 Reversible motor KC-V350804 Terminal block 3P KC-V350805 Capacitor KC-V350806 Motor base KC-V350807 Collar φ 12 x L38 x φ 5 KC-V350808 Pan head screw M5 x KC-V350810 Switch/Upper cover KC-V350811 Pan head screw M5 x KC-V350812 Internal joint KC-V350602 Fixing bolt M4 x 15 KC-V350603 Nut M4 KC-V350320 Pan head screw M3 x KC-V350817 SP washer M3 KC-V350818 Nut M3 KC-V350114 Pan head screw M4 x KC-V350128 Pan head screw M4 x KC-V3508W1 Electric wire R KC-V3508W2 Electric wire R1 KC-V3508W3 Electric wire R3, U1 KC-V3508W6 Electric wire S KC-V3508W7 Electric wire U1	KC-V350803 Reversible motor KC-V350804 Terminal block 3P KC-V350805 Capacitor KC-V350806 Motor base KC-V350807 Collar φ 12 x L38 x φ 5.1 KC-V350808 Pan head screw M5 x 80 KC-V350810 SP washer M5 KC-V350810 Switch/Upper cover KC-V350811 Pan head screw M5 x 10 KC-V350812 Internal joint KC-V350602 Fixing bolt M4 x 15 KC-V350603 Nut M4 KC-V350804 Pan head screw M3 x 18 KC-V350817 SP washer M3 KC-V350818 Nut M3 KC-V350114 Pan head screw M4 x 10 KC-V350128 Pan head screw M4 x 10 KC-V3508W1 Electric wire R 1 KC-V3508W2 Electric wire R1 1 KC-V3508W4 Electric wire R3, U1 1 KC-V3508W6 Electric wire S 1 KC-V3508W7 Electric wire U1 1	KC-V350803 Reversible motor 1 KC-V350804 Terminal block 3P 1 KC-V350805 Capacitor 1 KC-V350806 Motor base 1 KC-V350807 Collar φ 12 x L38 x φ 5.1 4 KC-V350808 Pan head screw M5 x 80 4 KC-V350810 Switch/Upper cover 1 KC-V350811 Pan head screw M5 x 10 4 KC-V350812 Internal joint 1 KC-V350602 Fixing bolt M4 x 15 1 KC-V350110 SP washer M4 1 KC-V350820 Pan head screw M3 x 18 2 KC-V350817 SP washer M3 2 KC-V350818 Nut M3 2 KC-V350114 Pan head screw M4 x 10 3 KC-V350128 Pan head screw M4 x 10 1 KC-V3508W1 Electric wire R1 1 Fuse KC-V3508W2 Electric wire R2 1 SW/I KC-V3508W4 Electric wire R3, U1 1 Trigg KC-V3508W6 Electric wire W1 1 Term

OPERATION MANUAL & PARTS LIST

TACH-IT MODEL 3570