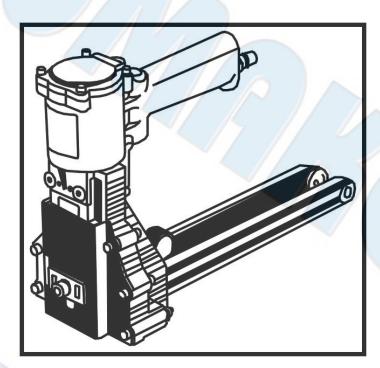


SUMAKE PNEUMATIC TOOLS



Air Drive Carton Stapler CS-35B

Specification:

Crown	34.7mm		
Shank	0.9x2.3mm		
Nail Length	18mm & 22mm (7/10" & 7/8")		
Tool Length (HxWxL)	218x115x342 mm		
Air Pressure	5 ~ 7bar (75 ~ 100 psi)		
Tool Weight	2.65 kg (5.83 lbs)		
Load Capacity	100 pcs		

Noise and Vibration:

Vibration ISO 8662-11	Noise EN 12549	Remark
No Load: 1.3 m/s ² Uncertainty K= 1.5 m/s ²	Sound Pressure Level load: 89 dB(A)	Please always wear ear protector at
	Sound power level load: 100 dB(A)	environment noise level > 80 dB(A) due
	Uncertainty K= 3dB	to risk of impaired hearing!





INSTRUCTION MANUAL

ITEM NO.: CS-35B, CS-32D

AIR DRIVE CARTON STAPLER



WARNING!

BEFORE OPERATING THIS STAPLER. ALL OPERATORS SHOULD STUDY THIS MANUAL, TO UNDERSTAND AND FOLLOW THE SAFETY WARNINGS AND INSTRUCTIONS. KEEP THESE INSTRUCTIONS WITH THE STAPLER FOR FUTURE REFERENCE. IF YOU HAVE ANY QUESTION, CONTACT YOUR DISTRIBUTOR.

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SAFETY INSTRUCTIONS

DANGER



1. READ THIS MANUAL AND UNDERSTAND ALL SAFETY INSTRUCTIONS BERORE OPERATION THE TOOL. IF YOU HAVE ANY QUESTIONS, PLEASE CONTACT OUR AU. THORIZED REPRESENTATIVES.



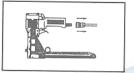
2. NEVER ALLOW TO USE TYPE OF FLAMMABLE GASES OXYGEN AS A POWER SOURCE FOR THE TOOL . USE FILTERED , LUBRICETED , REQULATED , COMPRESSED AIR ONLY .



3. NEVER USE GASOLINE OR OTHER FLAMMABLE LIQUIDS TO CLEAN THE TOOL . VAPORS IN THE TOOL WILL IGNITE BY A SPARK AND CAUSE THE TOOL TO EXPLODE .



4. DO NOT EXCEED MAXIMUM PERMISSIBLE OPERATING PRESSIUE OF THE TOOL ($8 \ kg/cm^2$) .



5. DISCONNECT THE TOOL FROM AIR SUPPLY BEFORE CLEANING JAMS, SERVICING, ADJUSTING, AND DURING NON-OPERATION.

WARNING

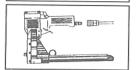


6. DO NOT PULL THE TRIGGER WHEN CARRYING OR HOLDING THE TOOL .

NEVER CARRY THE TOOL BY THE HOSE OR PULL THE HOSE TO MOVE THE TOOL.



7. AT THE WORKPLACE, ALWAYS WEAR THE PROTECTIVE EQUIPMENT SUCH AS SAFETY GLASSES, HEARING PROTECTION AND HEAD PROTECTION.



8. DO NOT USE A CHECK VALVE OR ANY OTHER FITTING WHICH ALLOWS AIR TO REMAIN IN THE TOOL . •



9. DO NOTPLACE YOUR HAND OR ANY PART OF YOUR BODY IN THE STAPLE
CLINCHING AREA OR ADJUSTMENT WINDOW OF THE TOOL WHEN
CONNECTING OR DISCONNECTING AIR SUPPLY.



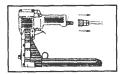
10. NEVER POINT ANY OPERATIONAL DRIVING TOOL AT YOURSELF OR AT ANY OTHER PERSON.

LUBRICATION AND MAINTENANCE

NOTE



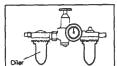
- YOUR TOOL REQUIRES LUBRICATION BEFORE YOU USE IT FOR THE FIRST TIME .
- DISCONNECT THE AIR SUPPLY FROM THE TOOL BEFORE LUBRICATING.



• TURN THE TOOL SO THE INLET IS FACING UP AND PUT ONE DROP OF HIGH SPEED SPINDLE OIL, UNOCAL RX22, OR 3-IN-1 OIL INTO AIR INLET. NERER USE DETERGENT OIL OR ADDITIVES. OPERATE THE TOOL BRIEFLY AFTER ADDING OIL.



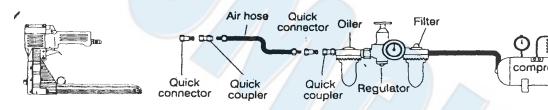
 WIPE OFF EXCESSIVE OIL AT THE EXHAUST, EXCESSIVE IOL WILL DAMAGE ORINGS OF TOOL. IF IN-LINE OILER IS USED. MANUAL LUBRICATION THROUGH THE AIR NILET IS NOT REQUIRED ON A DAILY BASIS.

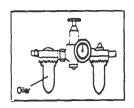


AIR SUPPLY AND CONNECTIONS

NOTE

THE FOLLOWING ILLUSTRATION SHOWS THE CORRECT MODE OF CONNECTION TO THE AIR SUPPLY SYSTEM WHICH WILL INCREASE THE EFFICIENCY AND USEFUL LIFE OF THE TOOL.





- MANY AIR TOOL USERS FIND IT CONVENIENT TO USE OILER TO HELP PROVIDE OIL
 CIRCULATION THROUGH TOOL AND INCREASE THE EFFICIENCY AND USEFUL LIFE OF
 THE TOOL. CHECK IOL LEVEL IN THE OILER DAILY.
- MANY AIR TOOL USER FIND IT CONVENIENT TO USE A FILTER TO REMOVE LIQUID
 IMPURITIES WHICH CAN RUST OR WEAR INTERNAL PARLS OF THE TOOL. A FILTER ALSO
 INCEREASE THE EFFICIENCY AND USEFUL OF THE TOOL. THE FILTER MUST BE
 CHECKED ON A DAILY BASIS AND IF NECESSARY DRAINED.

LOADING THE TOOL



DISCONNECT THE AIR SUPPLY.



PULL PUSHER (036) BACK UNTIL IT STOPS ON PUSHER PIVOTS (032) THEN ROTATE PUSHER (036) TO POSITION.



INSERT 2 STICKS OF APPROPRIATE STAPLES INTO THE MAGAZINE (030) FROM BACK. LET THE STICKS SLIDE FORWARD TO THE FRONT OF THE MAGAZINE (036)



PULL PUSHER (036) BACK TO UPRIGHT POSITION AND GENTLY LET THE PUSHER (036) SLIDE FORWARD AGAINST THE STAPLES. DO NOT LET THE PUSHER (036) SLIDE FORWARD AND STRIKE THE STAPLES AT HIGH SPEED FOR THIS MAY DEFROM THE STAPLES OR DAMAGE THE TOOL.

CHECK STAPLE LEG LENGTH

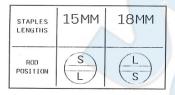
NOTE: DESCONNECT THE AIR SUPPLY



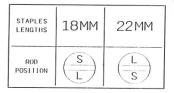
LOOSEN SET SCRCW (526) WITH 3 mm HEXAGON WRENCH KEY.



TURN ADJUSTING FOD (018) 180° WITH A SCREW DRIVER TO THE DESIRED ADJUSTMENT.



IF WANT TO SHOOT LONG LEG STAPLES. LET "L" ON ADJUSTING ROD (018) UP .



IF WANT TO SHOOT SHORT LEG STAPLES. LET "S" UP.



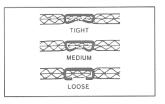
TIGHTEN SET SCREW (526)

CLINCH ADJUSTMENT



NOTE: DISCONNECT THE AIR SUPPLY

USE ROD (DIA 3 mm) OR 2.5 mm HEXAGON WRENCH KEY. TURN COLLAR (006) THROUGH WINDOW CLOCKWISE TO CHINCH.



NOTE: REMOVE ADJUDTING TOOL AFTER ADJUSTMENT IS MADE.

DEPTH ADJUSTMENT



NOTE: DISCONNECT THE AIR SUPPLY

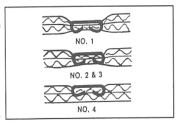
LOOSEN FRONT SCREW (527) WITH 6 mm HEXAGON WRENCH KEY.



PUSH THE BODY (007) UP AND ADJUST TO DESIRED DEPTH.



WHEN TOP EDGE OF ADJUSTMENT PLATE (019) IS AT IT'S HIGHEST SETTING(NO.4), THE TEETH(021,022) ARE AT THEIR SHALLOWEST PENETRATION. IF SET AT LOWEST SETTING (NO,1) THE TEETH (021,022) ARE AT THEIR DEEPEST PENETRATION.



OPERATING THE TOOL

WARNING

PROTECT YOUR EYES AND EARS. WEAR SAFETY GLASSES WITH SIDE SHIELDS. WEAR HEARING PROTECTION. EMPLOYERS AND USERS ARE RESPONSIBLE FOR ENSURING THE USER OR ANYONE NEAR THE TOOL WEAR THIS SAFETY PROTCETION.

WARNING

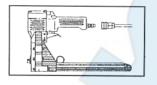
TO PREVENT ACCIDENTAL INJURIES: NEVER, PLACE A HAND OR ANY OTHER PART OF BODY IN STAPLE CLINCHING AREA OT ADJUSTMENT WINDOW. NEVER POINT TOOL TOWARD ANYONE ELSE. NEVER ENGAGE IN HORSEPLAY. ALWAYS HANDLE THE TOOL WITH CARE. NEVER PULL TRIGGER UNLESS TOOL IS IN PLACE OF CARTON.

NOTE

CHECK AND REPLACE ANY DAMAGED OR WORN COMPONENTS ON THE TOOL MUST ALSO BE REPLACED IF THEY ARE NOT LEGIBLE.



ADD A FEW DROPS OF UNOCAL Rx22 OR 3-IN-1 OIL INTO THE AIR INLET.



INSTALL A QUICK CONNECT FITTING TO THE TOOL.



REAULATE THE AIR PRESSURE TO IBTAIN 6 kg/cm 2 THE TOOL.



INSERT STAPLES INTO YOUR TOOL FOLLOWING THE INSTRUCTIONS OF LOADING THE TOOL .



RECONNECT THE AIR HOSE TO THE TOOL.



GRASP HANDLE WITH ONE HAND POSITION ON BOX IN LINE WITH THE

DESIREDSTAPLE LOCATION . THERE IS A SMALL PROJECTION EITHER SIDE OF

THE MAGAZINE SEAT (038) AS AN AID IN LOCATING THE POSITION OF THE

STAPLE . (011)



STRONGEST CLOSURE REQUIRES END STAPLES CLOSE TO END OF BOX .

CHECK STAPLE CLINCHING IN SAMPLES OF BOX BOARD BEING USED .
ADJUSTMENTS FOR DEPTH OF PENETRATION & TIGHTNESS OF CLINCH ARE EASY & INSTANTANEOUS , FULL ADVANTAGE SHOULD BE TAKEN OF THEM .

CLEANING THE TOOL

DANGER



NEVER USE GASOLINE OR OTHER FLAMMABLE LIQUIDS TO CLEAN
THE TOOL . VAPORS IN THE TOOL WILL IGNITE BY A SPARK AND
CAUSE THE TOOL TO EXPLODE AND RESULT IN DEATH OR SERIOUS
PERSONAL INJURY.



DISCONNECT THE AIR SUPPLY FROM THE TOOL.



REMOVE TAR BUILDUP WITH KEROSENE #2 FUEL OIL OR DIESEL FUEL . DO NOT ALLOW SOLVENT TO GET INTO THE CYLINDER OR DAMAGE MAY OCCUR . DRY OFF THE TOOL COMPLETELY BEFORE USE .

CLEARING A JAM FROM THE TOOL



DISCONNECT THE AIR SUPPLY.



PULL PUSHER (036) BACK AND ROTATE TO LOCKED POSITION.



INSERT LONG NOSE PLIERS OR SCREW DRIVER TO CLEAR JAM.



SLOWLY RELEASE PUSHER (036) BACK TO POSITION.

TROUBLESHOOTING

WARNING

STOP USING THE TOOL IMMEDIATELY IF ANY OF THE FOLLOWING PROBLEMS OCCUR. SERIOUS PERSONAL INJURY COULD OCCUR. ANY REPAIRS OR REPLACEMENTS MUST BE DONE BY A QUALIFIED PERSON OR AN AUTHORIZED SERVICE CENTER ONLY.

PROBLEM CAUS	E ///	REMEDY			
AIR LEAKAGE FROM O-RING ON VALVE (016)OR ON		O-RING MUST BE REPLACED			
TRIGGER .	TUBE (017) ARE DAMAGED.				
AIR LEAKAGE FROM	O-RINGSON VALVE (016) OR ON	O-RING MUST BE REPLACED			
EXHAUST PORT .	TUBE (017) ARE DAMAGED.				
	PISTON'S O-RING (507) IS	O-RING MUST BE REPLACED			
	DAMAGED .				
AIR LEAKAGE RROM	PISTON ROD PORT (007)	REPLACE THE O-RING .			
CYLINDER (004).	O-RING (519) IS DAMAGED.				
SLOW AND SHORT	CHECK FOR LOOSEND SCREW	POSITION ECCENTRIC PIN (013) AS SHOWN AND			
TRAVEL CYCLING	(517) AND WEAR OF PARTS	TIGHTEN SCREW (517) RECHECK, FOR MAXIMUM			
	(014,009)	EFFICIENCY , SLIGHT ADJUSTMENT OF PIN AT THE			
	- 7	POSITION SHOWN MUST BE MADE UPWARD			
. \		DIRECTION IF SHORT TRAVEL OCCURS AND			
		DOWNWARD DIRECTION IF SLOW CYCLING			
		OCCURS.			
EXCESSIVE JAMS :	SLOW AND SHORT TRAVEL	CHECK AS NOTED IN SLOW AND SHORT TRAVEL			
	CYCLING.	CYCLING SECTION .			
	TEETH SCREWS LOOSE .	TIGHTEN SCREWS			
	STAPLE SIZE IS WRONG .	USE THE PROPER SIZE STAPLE			
	INSUFFCIENT LUBRICATION	CLEANING AND LUBRICATING SUITABLY .			
UNEVEN CLINCH	WRONG STAPLE SIZE	CHECK FOR PROPER LEG LENGTH ADJUSTMENT &			
		CLINCHER SIZE .			
UNCLINCHED STAPLE	TEETH (021,022) LOOSE TIGHTE	N TEECH (021,022)			
	TEETH (021,022) ARE BROKEN	REPLACE TEECH (021,022)			
	SLOW AND SHORT TRAVEL	CHECK AS NOTED IN SLOW AND SHORT TRAVEL			
	CYCLING.	CYCLING SECTION .			

TEETH REPLACEMENT

NOTE: DISCONNECT THE AIR SUPPLY



LOOSEN SCREWS (530 , 531) AND NUT (542) WITH 8 mm SPANNER AND 4 mm HEXAGON WRENCH KEY .



REMOVE THE MAGAZINE (030) ASSEMBLY.



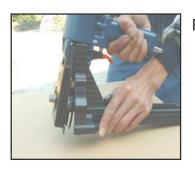
LOOSEN SCREWS (532) WITH 3 ${\rm mm}$ HEXAGON WREM KEY . CHANGE TEETH ONE AT A TIME TO PREVENT REVERS TEETH .

DRIVER REPLACEMENT

NOTE: DISCONNECT THE AIR SUPPLY



LOOSEN SCREWS(530,531)AND NUT(542)WITH 8 \pm m SP ANNER AND 4 \pm m HEXAGON WRENCH KEY .



REMOVE THE MAGAZINE ASSEMBLY (030).



LOOSEN SET SCREW (526) WITH 3 ${\rm mm}$ HEXAGON WRENCH KEY TO UNLOCK ADJUSTING ROD (018) .



SLIDE LINKAGE MECHANISM AND ADJUSTING ROD (018) SIMULTANEOUSLY FROM COLLAR (006).



LOOSEN SCREWS (535) WITH 3 mm HEXAGON WRENCH KEY. TAKE OFF THE SPRING PIN (537) WITH HAMMER AND 6 mm STRAIGHT ROD.

PUSHER SPRING REPLACEMENT



LOOSEN SCREWS (530,531) AND NUT (542) WITH 8 mm SPANNER AND 4 mm HEXAGON WRENCH KEY.



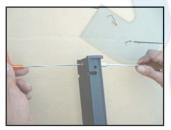
REMOVE THE MAGAZINE ASSEMBLY (030).



PULL PUSHER (036) BACK UNTIL IT STOPS ON ROD, THEN ROTATE PUSHER TO POSITION.



PUSH THE MAGAZINE SEAT (038) BACK AND TAKE OFF IT FROM MAGAZINE.



LOOSEN CXREW (540) AND NUT (541) WITH 2.5 mm HEXAGON WRENCH KEY AND 7 mm SOCKET WRINCH.



LOOSEN ROD (032) WITH 6 mm OFFSET WRENCH REMOVE PUSHER GUIDES (033). REMOVE PUSHER (030)



REMOVE SPRING PIN (545) WITH HAMMER AND 4 ${\tt mm}$ (DIA) STRAIGHT ROD .

VALVE'S AND TUBE'S O-RINGS REPLACEMENT



LOOSEN SCREWS (513) WITH FLAT SCREW DRIVER.



REMOVE SPRING (012) LONG NOSE PLIERS.



REMOVE C-RING (546) WITH C-RING PLIERS.



REMOVE VALVE (017) AND TUBE (016) WITH A LONG NOSE PLIERS .

PISTON REPLACEMENT



NOTE: DISCONNECT THE AIR SUPPLY

REMOVE SCREWS (530,531) AND NUT (542) WITH 8 mm SPANNER AND 4 mm HEXAGON WRENCH KEY.



REMOVE THE MAGAZINE ASSEMBLY (030).



LOOSEN SET SCREW (526) WITH 3 mm HEXAGON WRENCH KEY TO UNLOCK ADJUSTING ROD (018).



SLIDE LINKAGE MECHANISM AND ADJUSTING ROD (018) SIMULTANEOUSLY FROM COLLAR (006).



LOOSEN COLLAR (006) WITH 3 ${\tt mm}$ HEXAGON WRENCH KEY REMOVE SPRING (005) .



LOOSEN SCREW (510) WITH 3 mm HEXAGON WRENCH KEY REMOVE BLOCK (004) THROUGH WINDOW.



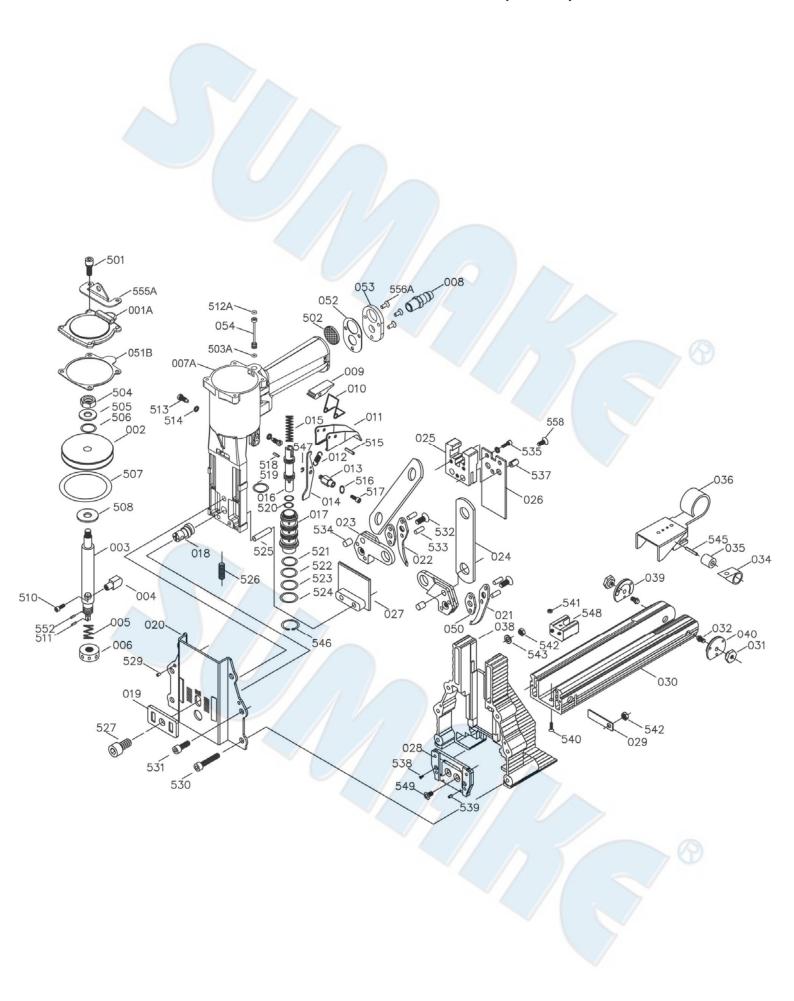
LOOSEN SCREWS (501) WITH 3 ${\tt mm}$ HEXAGON WRENCH KEY . REMOVE CAP (001) .



REMOVE PISTON ASSEMBLY . LOOSEN NUT (504) WITH 10 ${\rm mm}$ SPANNER .

REMOVE PISTON (002) AND EXCHANGE A NEW ONE.

CS-35B(32D)
AIR DRIVE CARTON STAPLER CROWN 35MM(32MM)



CS-35B(32D) AIR DRIVE CARTON STAPLER CROWN 35MM(32MM)

PARTS LIST

No.	Parts No.	Description	Q'ty	No.	Parts No.	Description	Q'ty
001A	CS35B-001A	Cap	1	501	CS35B-501	Hex.Soc.Hd.Bolt	4
002	CS35B-002	Piston	1	502	CS35B-502	Silencer	1
003	CS35B-003	Piston Rod	1	503A	CS35B-503A	O-Ring	1
004	CS35B-004	Block	1	504	CS35B-504	Hex.Nut	1
005	CS35B-005	Spring	1	505	CS35B-505	Washer	1
006	CS35B-006	Collar	1/	506	CS35B-506	O-Ring	1
007A	CS35B-007A	Body Unit	1	507	CS35B-507	O-Ring	1
	CS35B-008-A	Air Plug (Nitto)	1	508	CS35B-508	Washer	1
800	CS35B-008-B	Air Plug (Milton)	1	510	CS35B-510	Hex.Soc.Hd.Bolt	1
	CS35B-008-C	Air Plug (Orion)	1	511	CS35B-511	Spring Pin	1
009	CS35B-009	Block	1	512A	CS35B-512A	O-Ring	1
010	CS35B-010	Spring	1	513	CS35B-513	Trigger Screw	2
011	CS35B-011	Trigger	1	514	CS35B-514	Spring Washer	2
012	CS35B-012	Spring	1	515	CS35B-515	Spring Pin	1
013	CS35B-013	Rod	1	516	CS35B-516	Outside Teeth Washer	1
014	CS35B-014	Trigger's Control	1	517	CS35B-517	Hex.Soc.Hd.Bolt	1 1
015	CS35B-015	Spring	1	518	CS35B-518	Spring Pin	1
016	CS35B-016	Valve	1	519	CS35B-519	O-Ring	1
017	CS35B-017	Tube	1	520	CS35B-520	O-Ring	2
018	CS35B-018	Adjusting Rod	1	521	CS35B-521	O-Ring	1
019	CS35B-019	Adjusting Plate	1	522	CS35B-522	O-Ring	1
020	CS35B-017	Front Plate	1	523	CS35B-523	O-Ring	1
020	CS35B-020 CS35B-021	Right Teeth	1	524	CS35B-524	O-Ring	1
021	CS35B-021	Left Teeth	1	525	CS35B-525	Rod	2
023	CS35B-022 CS35B-023	Teeth Seat	2	526	CS35B-526	Hex.Soc.Hdless.Bolt	1
023	CS35B-023 CS35B-024	Plate	2	527	CS35B-520 CS35B-527	Hex.Soc.Hd.Bolt	1
024	CS35B-024 CS35B-025	Block	1	529	CS35B-527 CS35B-529		4
023	CS35B-025 CS35B-026	Driver [For CS-35B]	1	530	CS35B-529 CS35B-530	Spring Pin Hex.Soc.Hd.Bolt	2
026	CS33D-026	Driver [For CS-32D]	1	531	CS35B-530 CS35B-531	Hex.Soc.Hd.Bolt	4
027	CS32D-020 CS35B-027	Cover Unit	<u> </u>	532	CS35B-531	Hex.Soc.Flat Counter	2
027			1	\vdash			+
028	CS35B-028	Driver Guide Unit [For CS-35B]	1	533	CS35B-533	Pin	4
000	CS32D-028	Driver Guide Unit [For CS-32D]	2	534	CS35B-534	Pin Palt	2
029	CS35B-029	Plate Plate	2	535	CS35B-535	Hex.Soc.Hd.Bolt	2
030	CS35B-030	Magazine [For CS-35B]	1	537	CS35B-537	Spring Pin	2
004	CS32D-030	Magazine [For CS-32D]		538	CS35B-538	Flat Hd.Screw	2
031	CS35B-031	Rod Nut	2	539	CS35B-539	Spring Pin	2
032	CS35B-032	Rod	2	540	CS35B-540	Hex.Soc.Flat Counter	1
034	CS35B-034	Spring	1	541	CS35B-541	Lock Nut	1
035	CS35B-035	Rooler	1	542	CS35B-542	Lock Nut	6
036	CS35B-036	Pusher Unit [For CS-35B]	1	543	CS35B-543	Washer	4
	CS32D-036	Pusher Unit [For CS-32D]	1	545	CS35B-545	Spring Pin	1
038	CS35B-038	Magazine Seat	1	546	CS35B-546	C-Ring	1
039	CS35B-039	Right Pusher Guide	1	547	CS35B-547	E-Ring	1
040	CS35B-040	Left Pusher Guide	1	548	CS35B-548	Bracket	1
050	CS35B-050	Washer	2	549	CS35B-549	Hex.Soc.Flat Counter	2
051B	CS35B-051B	Washer	1	552	CS35B-552	Plastic Pin	1
052	CS35B-052	Washer	1	555A	CS35B-555A	Counter Balancer Hanger	1
053	CS35B-053	Cover	1	556A	CS35B-556A	Hex. Soc. Flat Counter	3
054	CS35B-054	Shaft	1	558	CS35B-558	Hex. Soc. Flat Counter Sunk Hd. Screw	v 1



EC DECLARATION OF CONFORMITY

We: SUMAKE INDUSTRIAL CO., LTD.

4F, No. 351, Yangguang St., Neihu District, Taipei City, Taiwan

declare in sole responsibility that the equipment

Equipment: AIR DRIVE CARTON STAPLER

Model/ Serial No.: CS-35B

to which this declaration applies, complies with these normative documents:

• Machinery Directive: 2006/42/EC

and conforms to the following EN standard,

- EN ISO 12100: 2010
- EN ISO 11148-13:2018

Name and Signature/Position

Date and Place

2024/5/2

Mike Su – Managing Director

Taipei, Taiwan