

List of Shinkawa's Specific Models handled by Shinkawa Technologies Ltd.

Type	Model
Wire Bonder	UTC-200 Series ☒
	UTC-300 Series ☒
	UTC-400 Series
	UTC-1000 Series
	UTC-2000 Series
	UTC-3000 Series
	ACB-35A/36 Series
	ACB-400 Series
	ACB-1000 Series
	ACB-3000 Series
Bump Bonder	SBB-410 Series
	SBB-1410 Series
	SBB-1100 Series
Die Bonder	SPA-200
	SPA-300
	SPA-400
	STC-500 / SPA-500
Flip Chip Bonder	SFB-200

Note: Service support level for Models marked with ☒ might be restricted in overseas region.

Please contact with sales representatives via E-mail or phone for the details.

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List of Units to be Overhauled

Type of Bonder	Machine Model		Unit					
			Bonding Head	XY Table	Wire Clamper	Prism Unit		
			Model	Model	Model	Model		
Wire Bonder	UTC-200 Series	UTC-200 ※1	BH-129A	XY-100	CL-42D	=		
		UTC-270 ※1		XY-130				
		UTC-280 ※1		XY-129				
	UTC-300 Series	UTC-300 ※1	BH-150	XY-124				
		UTC-310 ※1		XY-141				
		UTC-370 ※1	BH-157-02	XY-130				
		UTC-380 ※1	BH-150	XY-129				
	UTC-400 Series	UTC-400	BH-164	XY-159				
		UTC-410		XY-161				
		UTC-470		XY-158				
		UTC-475		XY-166				
	UTC-1000 Series	UTC-1000	BH-171	XY-156A			CL-49	MS-267B
		UTC-1000Super		XY-188				
	UTC-2000 Series	UTC-2000	BH-200D	XY-198B			CL-49-01	MS-267B
		UTC-2000Super		XY-210-01				
	UTC-3000 Series	UTC-3000	BH-208	XY-208			CL-58A	MS-267B/MS-313 ※2
		UTC-3000WE	BH-211	XY-215				MS-324 (MS-324-01)
		ACB-35A	BH-145A	XY-141			CL-42D	=
	ACB-36							
	ACB-400							
	ACB-1000Super	BH-172	XY-160	CL-49	=			
	ACB-3000	BH-201	XY-188					
		BH-210	XY-208					
Bump Bonder	SBB-410	BH-164	XY-132A	CL-42D	=			
	SBB-1410	BH-171	XY-188	CL-49	=			
	SBB-1100Super	BH-193	BH:XY-188-01 WE:XY-220	CL-50	MS-241			
Die Bonder	SPA-200	BH-156	BH:XY-123 WE:XY-122	=	=			
	STC-500	BA-21/22	BH-202A WF:XY-162-02/221	=	=			
Flip Chip Bonder	SFB-200	BH-176A	BH:XY-168A/228 WE:XY-167	=	=			

1. Details of Overhaul Work

Type of Unit	Details of Standard Work
Bonding Head	Replacement of Leaf Spring, Disassembly Cleaning, Assembly & Adjustment, Operation Verification
XY Table	Replacement of Consumable Parts, Polishing of Slide Table, Disassembly Cleaning, Assembly & Adjustment, Measurement of XY axis motion accuracy
Wire Clamper	Replacement of Clamp Plate, Replacement of Actuator, Assembly & Adjustment, Operation Check
Prism Unit	Replacement / Adjustment of lens & illumination unit

- Above is standard work for each unit. Please contact with sales representatives for quotation if additional or different work is required.
- Overhaul Work shall be done at our site. Transportation cost for the unit to our site shall be born by the customer.
- Any issues discovered during overhaul work shall be settled by discussion each case.
- Overhaul cost might be changed without prior notice due to price fluctuation of parts consisted.
- Sales to the countries where import of overhauled products are restricted as regulation will be declined.
- Service support level for Models marked with ※1 might be restricted in overseas region. Please contact your nearest service engineer for the details.
- ※2. UTC-3000A:MS-267B1, UTC-3000B~D:MS-313
- Please contact with sales representatives via following E-mail address if you have any inquiry about overhaul.

E-mail : skwt-sal@ymrh.co.jp

Please be sure that right information shall be indicated in your inquiry for overhaul. ①Machine Model, ②Machine Serial No., ③Unit Model to be overhauled

**List of Reused Units**

Type of Bonder	Machine Model		Unit				
			Bonding Head	XY Table (Driving Part only)	Universal Indexer	Electric Flame-off	Prism Unit
			Model	Model	Model	Model	Model
Wire Bonder	UTC-200 Series	UTC-200 ※	BH-129A	XY-100	UF-37	EFU-10	=
		UTC-270 ※1	BH-129A20	XY-130			
		UTC-280 ※1	BH-129A	XY-129			
	UTC-300 Series	UTC-300 ※1	BH-150-03	XY-124	UF-60	EFU-10	=
		UTC-310 ※1	BH-150	XY-141			
		UTC-370 ※1	BH-157-02	XY-130			
		UTC-380 ※1	BH-150	XY-129			
	UTC-400 Series	UTC-400	BH-164	XY-159	UF-67B	EFU-25A	=
		UTC-410		XY-161			
		UTC-470		XY-158			
		UTC-475		XY-166			
	UTC-1000 Series	UTC-1000	BH-171	XY-156A	UF-79B	EFU-35B	MS-267B
		UTC-1000Super		XY-188			
	UTC-2000 Series	UTC-2000	BH-200B	XY-198B	UF-97	EFU-45A	MS-267B
		UTC-2000Super	BH-200D	XY-210-01			
	UTC-3000 Series	UTC-3000	BH-208	XY-208	UF-117-01	EFU-48	MS-267B/MS-313 ※2
		UTC-3000WE	BH-211	XY-215			MS-324 (MS-342-01)
		ACB-35A	BH-145A	XY-141	—	EFU-10	=
		ACB-36			—		
		ACB-400	BH-172	XY-160	—	EFU-25A	=
	ACB-1000Super	BH-201	XY-188	—	EFU-35B	=	
	ACB-3000	BH-210	XY-208	—	EFU-48	=	
Bump Bonder	SBB-410	BH-164	XY-132A	—	EFU-26-01	=	
	SBB-1410	BH-171	XY-188	—	EFU-35C	=	
	SBB-1100	BH-193	XY-220	—	EFU-35D	MS-241	

Remarks:

1. Please contact with sales representatives for sales prices of each item.
2. Overhaul and repair has been done on the Reused Unit.
3. Please be patient to wait until the goods to be ready in case of no stock at the time of inquiry.
4. Modification and mounting on the bonder will be quoted.
5. Sales to the countries where import of reused products are restricted as regulation will be declined.
6. Service support level for Models marked with ※1 might be restricted in overseas region. Please contact your nearest service engineer for the details.
7. ※ 2. UTC-3000A:MS-267, UTC-300B~D:MS-313
8. If you are looking for a reused item other than the above, please contact with sales representatives via following E-mail address.

E-mail : skwt-sal@ymrh.co.jp

Please be sure that right information shall be indicated in your inquiry for Reused Unit. ①Machine Model, ②Machine Serial No., ③Unit Model for Reused Unit

### List of Reused Substrates

Type of Bonder	Machine Series	Substrate Model	Function
Wire Bonder	UTC-200 Series ※	CPP-62B	FF・LD/UL Control
		FRP-208A	X Motor Control
		FRP-228	Z Motor Control
	UTC-300 Series ※	CPP-107A	FF・LD/UL Control
		CPP-111	MAIN Control
		CPP-127	MAIN Control
		CPP-128	FF・LD/UL Control
		FRP-226/A	X Motor Control
		FRP-227/A	Y Motor Control
		FRP-249/A/AH/BH	Z Motor Control
		PSP-17	Power Control
		USP-15/A	US Control(low frequency)
		USP-17/A	US Control(high frequency)
		UTC-300super Series ※	FRP-320/A
	FRP-321/A		Y Motor Control
	UTC-300/400 Series ※	FRP-259/A	FF・LD/UL Control
	UTC-400 Series	CPP-125B	FF・LD/UL Control
		CPP-126A	MAIN Control
		DSP-11C	Image Display Control
		FRP-337/A	X Motor Control
		FRP-338/A	Y Motor Control
		FRP-339/H/AH	Z Motor Control
		FRP-344	FF・LD/UL Control
		PSP-25A/B	Power Control
		USP-24	US Control(high frequency)
		USP-25	US Control(low frequency)
		UTC-1000 Series	BCP-05A/C
	FRP-341A/C/D/E/F		XY Motor Control
	MDP-84		CL, Nonsticking Detection Control
	MDU-95C		LD/UL Control・Amplifier
	MDU-120C		LD/UL Control・Amplifier
	ZUP-02C/D/E		Z Motor/US Control
	UTC-2000 Series	FCP-07	FF・LD/UL Control
		FRP-375/A	XY Motor Control
		PSP-29	Power Control
		ZUP-08/A	Z Motor/US Control
	UTC-2000/3000 Series	PSP-30/A	Power Control
	UTC-3000 Series	BCP-20A	BOND Control
		FRP-391	XY Motor Control
		MDP-136B	CL, Nonsticking Detection Control
		MDP-144	Y Motor Driver
		MDP-146	Z Motor Driver
		MDP-148	X Motor Driver
		MDP-152	LD/UL Control Driver
		UCP-02A	LCU Control
	UTC-3000/3000WE Series	DAC-422S-A3 ※①	Image Detection Control
		JBP-496A	Z Load Detection
UTC-3000WE Series	FRP-392	XY Motor Control	
	MDP-145	Z Motor Driver	
Die Bonder	SBB-1410 Series	ZUP-18	Z Motor/US Control
		PSP-33	Power Control

- In spite of above mentioned recycling system, the customer's special request to repair the substrate shall be accepted.  
However please be noted that there might be some risk for investigation cost, long lead time occur and repair of the substrate cannot be made because of discontinued parts etc. as worst case.
- The warranty period of the reuse substrate is one month from the date of purchase.
- The system is applicable for wire bonder because the debugging equipment is not available for the other bonders.  
However please contact with sales representatives if you definitely need Reused Substrates for other bonder.  
Some substrate for the other bonders might be applicable in case.
- The substrate modified by customers is out of scope of this Reused Substrate system.
- The substrate whose malfunction cannot be reproduced is also out of scope of this Reused Substrate system.
- Transportation cost to our site for the substrate to be repaired shall be born by the customer.
- Sales to the countries where import of reused products are restricted as regulation will be declined.
- Service support level for Models marked with ※ might be restricted in overseas region.  
Please contact your nearest service engineer for the details.
- The substrate marked with ※① might be different from combination of software.  
Please contact your nearest service engineer for the details.
- Please contact with sales representatives via following E-mail address if you have any inquiry.  
E-mail : skwt-sal@ymrh.co.jp