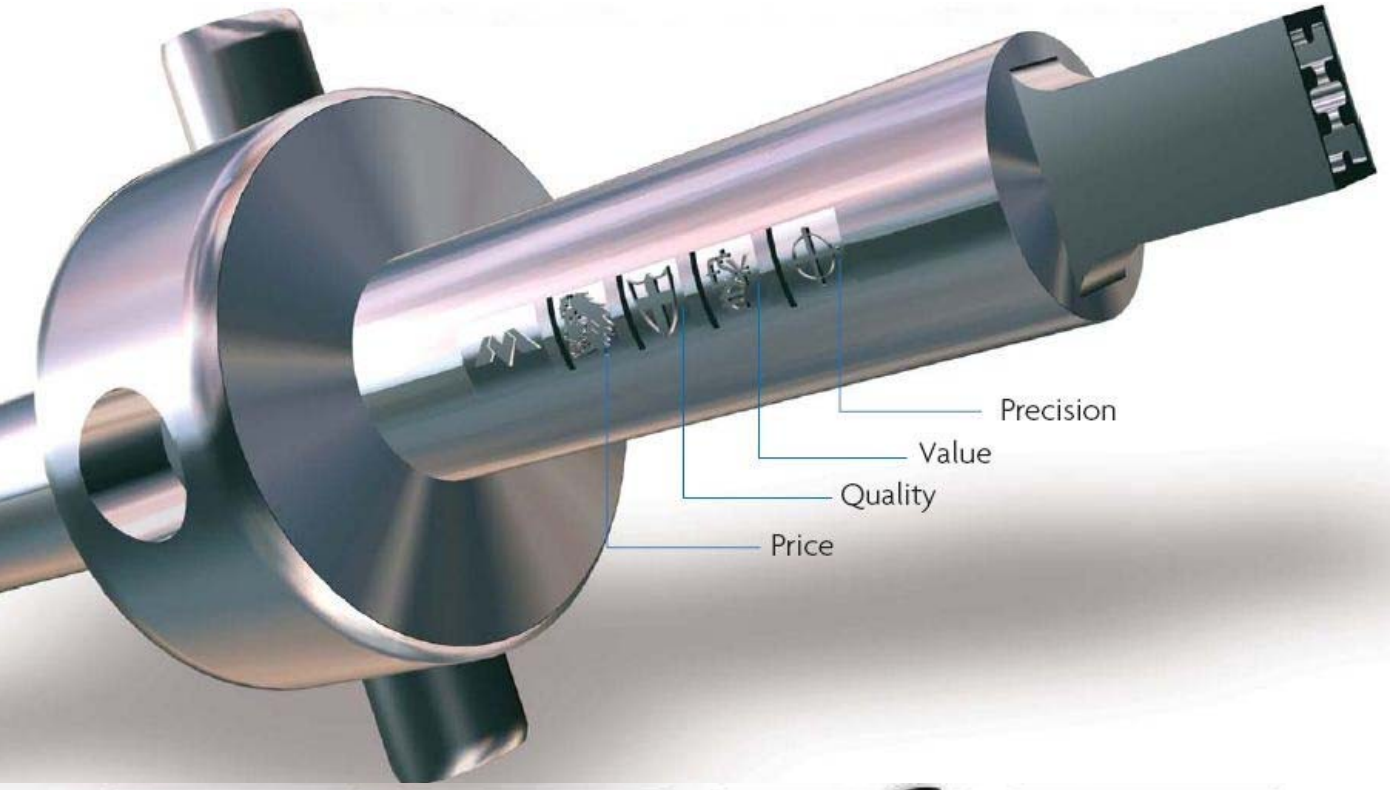
The Brand You Can Trust



The Brand You Can Trust When You Need To Reduce Costs

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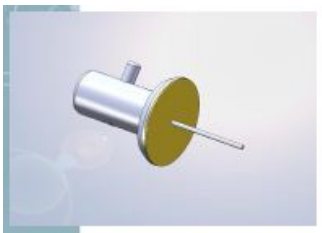
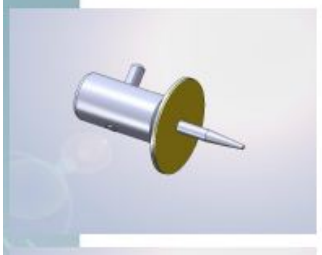
NOZZLE TYPES:

To help with the vast amount of nozzles available we have put together some of the most common types.



Standard

Standard tip as per OEM design.



Tapered

Not available on all nozzle brands. Ideal for placing items on densely populated boards.

Melf

Ideal for picking up circular components.
E.G. Capacitor

Universal Flex Head

Example of a Universal Flex **Head** Nozzle.
OEM Design.

Universal Flex Jet

Example of a Universal Flex **Jet** Nozzle.
OEM Design.

Universal Lightning

Example of a Universal Lightning Head Nozzle.
OEM Design.

Universal Flexjet 2/3

Example of a Universal Flex Jet 2/3 Nozzle.
OEM Design.

Fuji CP4

Specification

- Turret style machine
- 12 heads, 3 nozzles per head, 36 nozzles in total
- 3 nozzle changes per annum

Nozzle Range

OEM Part Number	Description
AMPH-8710	Std 12mm disk, 0.7mm tip
AMPH-8720	Std 12mm disk, 1.0mm tip
AMPH-8730	Std 12mm disk, 1.3mm tip
AMPH-8740	Std 12mm disk, 1.8mm tip
AMPH-8750	Std 12mm disk, 2.5mm tip
AMPH-8760	Large 25mm disk, 2.5mm tip
AMPH-8770	Large 25mm disk, 3.7mm tip
AMPH-8780	Large 25mm disk, 5.0mm tip

Feeders: Used Feeders are available through Ateron procurement service.

Fuji CP6

Specification

- Turret style machine
- 20 heads, 6 nozzles per head, 120 nozzles in total
- 3 nozzle changes per annum

Nozzle Range

OEM Part Number	Description
AWPH –9720	Std, 12mm disk, 0.4mm tapered tip
AWPH –9510	Std, 12mm disk, 0.7mm tip
AWPH –9730	Std, 12mm disk, 0.7mm tapered tip
AWPH –9520	Std, 12mm disk, 1.0mm tip
AWPH –9530	Std, 12mm disk, 1.3mm tip
AWPH -9540	Std, 12mm disk, 1.3mm melf tip
AWPH -9550	Std, 12mm disk, 1.8mm tip
AWPH -9580	Std, 12mm disk, 2.5mm tip
AWPH -9590	Std, 12mm disk, 2.5mm melf tip
AWPH -9570	Medium, 16mm disk, 3.7mm tip
AWPH -9602	Large, 20mm disk, 3.7mm tip
AWPH -9610	Large, 20mm disk, 5.00 tip

Feeders

AWCA-6900	WD-0802-1.0-178	CP6 for 0402	8X2Paper	7"reel
AWCA-7000	WD-0804-1.0-178	CP6	8X4Paper	7"reel
AWCA-7300	WE-0804-1.0-178	CP6	8X4Embossed	7"reel
AWCA-6800	WD-0802-1.0-330	CP6 for 0402	8X2Paper	13"reel
AWCA-8900	WE-0802-1.0-330	CP6 for 0402	8X2Embossed	13"reel
AWCA-9000	WD-0804-1.0-330	CP6	8X4Paper	13"reel
AWCA-9300	WE-0804-1.0-330	CP6	8X4Embossed	13"reel

Fuji CP7

Specification

- Turret style machine
- 16 heads, 6 nozzles per head, 96 nozzles in total
- 3 nozzle changes per annum

Nozzle Range

OEM Part Number	Description
ADCPH -9725	8mm disk, 0.4mm taper tip
ADCPH-7520	8mm disk, 0.7mm tip
ADCPH -9735	8mm disk, 0.7mm taper tip
ADCPH-7530	8mm disk, 1.0mm tip
ADCPH-7540	8mm disk, 1.3mm tip
ADCPH-7700	8mm disk, 1.3mm melf tip
ADCPH-7550	16mm disk, 1.8mm tip
ADCPH-7560	16mm disk, 2.5mm tip
ADCPH-7710	16mm disk, 2.5mm melf tip
ADCPH-7570	16mm disk, 3.7mm tip
ADCPH-7650	16mm (square disk), 5.0mm tip

Feeders

OEM Part Number		Description		
AKJAA-5200	WD-0802-1.0-180	CP7 for 0402	8X2Paper	7"reel
AKJAA-5800	WD-0802-1.0-178	CP7 for 0402	8X2Embossed	7"reel
AKJAA-4100	WD-0804-1.0-180	CP7	8X4Paper	7"reel
AKJAA-4400	WE-0804-1.0-180	CP7	8X4Embossed	7"reel
AKJAA-0800		CP7 for 0402	8X2Paper	13"reel
AKJAA-1000	KJE0802-1.0-330	CP7 for 0402	8X2Embossed	13"reel
AKJAA-2100	KJD0804-1.0-330	CP7	8X4Paper	13"reel
AKJAA-2400	KJE0804-1.0-330	CP7	8X4Embossed	13"reel
AWCH-6000		CP6/7 for 0201C	8x2 Paper	7"reel

Fuji NXT

Specification

- Gantry Style

Nozzle Range

OEM Part Number	Description
AA0AX	NXT H01 NOZZLE - 1.3 (DIAMOND TIP)
AA0HS	NXT H01 NOZZLE - 1.8
AA076	NXT H01 NOZZLE - 20.0 (RUBBER CUP)
AA085	NXT H01 NOZZLE - 3.75 (RUBBER CUP)
AA072	NXT H01 NOZZLE - 5.0 (RUBBER CUP)
AA080	NXT H01 NOZZLE - 7.0
AA073	NXT H01 NOZZLE - 7.0 (RUBBER CUP)
AA06W	NXT H04 NOZZLE - 1.0 (DIAMOND TIP)
AA06X	NXT H04 NOZZLE - 1.3 (DIAMOND TIP)
AA06Y	NXT H04 NOZZLE - 1.8
AA07M	NXT H04 NOZZLE - 15.0 (RUBBER CUP)
AA07F	NXT H04 NOZZLE - 2.5 (RUBBER CUP)
AA07A	NXT H04 NOZZLE - 3.75
AA07G	NXT H04 NOZZLE - 3.75 (RUBBER CUP)
AA07B	NXT H04 NOZZLE - 5.0
AA07H	NXT H04 NOZZLE - 5.0 (RUBBER CUP)
AA07K	NXT H04 NOZZLE - 7.0 (RUBBER CUP)
AA057	NXT H08/H12 NOZZLE - 0.7 (DIAMOND TIP)
AA058	NXT H08/H12 NOZZLE - 1.0 (DIAMOND TIP)
AA20A	NXT H08/H12 NOZZLE - 1.3 (DIAMOND TIP)
AA064	NXT H08/H12 NOZZLE - 1.3 (MELF)
AA20B	NXT H08/H12 NOZZLE - 1.8
AA20C	NXT H08/H12 NOZZLE - 2.5
AA20D	NXT H08/H12 NOZZLE - 3.75

8mm, 12mm, 16mm, 32mm Used Feeders are available through Ateron procurement service.

Fuji XP

Specification

- Turret style machine
- 12 Nozzles

Nozzle Range

OEM Part Number	Description
ADEPN 8010	XP141 NOZZLE - 0.4 (DIAMOND TIP)
ADEPN 8020	XP141 NOZZLE - 0.7 (DIAMOND TIP)
ADEPN 8030	XP141 NOZZLE - 1.0 (DIAMOND TIP)
ADEPN 8040	XP141 NOZZLE - 1.3 (DIAMOND TIP)
ADEPN 8050	XP141 NOZZLE - 1.8
ADNPN 8314	NOZZLE - 0.7 (DIAMOND TIP)
ADNPN 8234	NOZZLE - 1.0 (DIAMOND TIP)
ADNPN 8244	NOZZLE - 1.3 (DIAMOND TIP)
ADNPN 8254	NOZZLE - 1.8
ADNPN 8264	NOZZLE - 2.5
ADNPN 8284	NOZZLE - 5.0
ADNPN 8342	NOZZLE - 1.3 (MELF)
ADNPN 8352	NOZZLE - 1.8 (MELF)
ADNPN 8362	NOZZLE - 2.5 (MELF)
ADNPN 8278	NOZZLE - 3.7
ADNPN 8288	NOZZLE - 5.0
ADEPN 8961	NOZZLE - 3.7
ADEPN 8970	NOZZLE - 5.0
DEPN 4081	NOZZLE - 7.0
DNPN3030	RECTANGULAR TIP NOZZLE - 2.3 X 1.0
DNPN3040	RECTANGULAR TIP NOZZLE - 3.1 X 1.0
DNPN3040	RECTANGULAR TIP NOZZLE - 3.1 X 1.0
DNPN3050	RECTANGULAR TIP NOZZLE - 4.3 X 1.0
DNPN3060	RECTANGULAR TIP NOZZLE - 3.1 X 1.3
DNPN3070	RECTANGULAR TIP NOZZLE -4.3 X 1.3
DNPN3080	RECTANGULAR TIP NOZZLE - 5.9 X 1.3
DNPN 3090	RECTANGULAR TIP NOZZLE - 4.4 X 1.8
DNPN3100	RECTANGULAR TIP NOZZLE - 6.0 X 1.8
DNPN3110	RECTANGULAR TIP NOZZLE - 8.4 X 1.8
DNPN3120	RECTANGULAR TIP NOZZLE - 6.1 X 2.5
DNPN3130	RECTANGULAR TIP NOZZLE - 8.5 X 2.5
DNPN3140	RECTANGULAR TIP NOZZLE - 11.5 X 2.5
DNPN3150	RECTANGULAR TIP NOZZLE - 8.7 X 3.7
DNPN3160	RECTANGULAR TIP NOZZLE - 11.7 X 3.7
DNPN3180	RECTANGULAR TIP NOZZLE - 11.8 X 5.0
DNPN3190	RECTANGULAR TIP NOZZLE - 16.8 X 5.0
DNPN3200	RECTANGULAR TIP NOZZLE - 22.8 X 5.0

XP3 BFE 8mm, 12mm, 16mm and 24mm used feeders are available through

Ateron procurement service.

Fuji QP

Specification

- Gantry style machine
- 4 Heads

Nozzle Range

OEM Part Number	Description
ABHPN - 8510	QP PICK UP NOZZLE 0.7
ABHPN - 8520	QP PICK UP NOZZLE 1.0
ABHPN - 8530	QP PICK UP NOZZLE 1.3
ABHPN - 8540	QP PICK UP NOZZLE 1.8
ABHPN - 8550	QP PICK UP NOZZLE 2.5
ABHPN - 8560	QP PICK UP NOZZLE 2.5 (RUBBER CUP)
ABHPN - 8570	QP PICK UP NOZZLE 3.7
ABHPN - 8580	QP PICK UP NOZZLE 6.5 (RUBBER CUP)
ABHPN - 8590	QP PICK UP NOZZLE 7.0
ABHPN - 8600	QP PICK UP NOZZLE 10.0
ABHPN - 8610	QP PICK UP NOZZLE 2.5
ABHPN - 8620	QP PICK UP NOZZLE 2.5 (RUBBER CUP)
ABHPN - 8630	QP PICK UP NOZZLE 3.75
ABHPN - 8640	QP PICK UP NOZZLE 6.5 (RUBBER CUP)
ABHPN - 8650	QP PICK UP NOZZLE 7.0
ABHPN - 8660	QP PICK UP NOZZLE 10.0
ABHPN - 8670	QP PICK UP NOZZLE 1.3
BHPN - 3271	QP NOZZLE SPRING PLATE
BHPN - 3232	QP NOZZLE SPRING PLATE
ABHPN - 6920	QP NOZZLE - 1.8
ABHPN - 6246	QP NOZZLE - 2.5
ABHPN - 6719	QP NOZZLE - 2.5 (RUBBER CUP)
ABHPN - 6256	QP NOZZLE - 3.75
ABHPN - 6276	QP NOZZLE - 7.0
ABHPN - 6289	QP NOZZLE - 10.0
ABHPN - 6299	QP NOZZLE - 15.0
ABHPN - 6309	QP NOZZLE - 20.0
ABHPN - 6758	QP NOZZLE - 6.5 (RUBBER CUP)
ABHPN - 6365	QP NOZZLE - 7.0
ABHPN - 6778	QP NOZZLE - 10.0
ABHPN - 6788	QP NOZZLE - 15.0
ABHPN - 6798	QP NOZZLE - 20.0
ABHPN - 6817	QP NOZZLE - 7.0
ABHPN - 6827	QP NOZZLE - 10.0
ABHPN - 6837	QP NOZZLE - 15.0
ABHPN - 6847	QP NOZZLE - 20.0

ABHPN - 6852	QP NOZZLE - 5.0 (RUBBER CUP)
ABHPN - 6893	QP NOZZLE - 8.0 (RUBBER CUP)
ABHPN - 6803	QP NOZZLE - 15.0 (RUBBER CUP)
ABHPN - 6703	QP NOZZLE - 17.5 (RUBBER CUP)
ABHPN - 8351	QP NOZZLE - 1.8
ABHPN - 8165	QP NOZZLE - 2.5
ABHPN - 8175	QP NOZZLE - 2.5 (RUBBER CUP)
ABHPN - 8185	QP NOZZLE - 3.75
ABHPN - 8196	QP NOZZLE - 5.0 (RUBBER CUP)
ABHPN - 8205	QP NOZZLE - 7.0
ABHPN - 8216	QP NOZZLE - 8.0 (RUBBER CUP)
ABHPN - 8225	QP NOZZLE - 7.0
ABHPN - 8235	QP NOZZLE - 7.0
ABHPN - 8243	QP NOZZLE - 6.5
BHPN - 3271	QP NOZZLE SPRING PLATE
BHPN - 3232	QP NOZZLE SPRING PLATE
ABHPN - 6920	QP NOZZLE - 1.8
ABHPN - 6246	QP NOZZLE - 2.5
ABHPN - 6719	QP NOZZLE - 2.5 (RUBBER CUP)
ABHPN - 6256	QP NOZZLE - 3.75
ACGPN-8535	FUJI QP132 PICK UP NOZZLE 0.7 (8MM DISK)
ACGPN-8525	FUJI QP132 PICK UP NOZZLE 1.0 (8MM DISK)
ACGPN-8515	FUJI QP132 PICK UP NOZZLE 1.3 (8MM DISK)
ACGPN-8545	FUJI QP132 PICK UP NOZZLE 1.8 (8MM DISK)
ADBPN 8129	QP3 NOZZLE - 1.8
ADBPN 8139	QP3 NOZZLE - 2.5
ADBPN 8149	QP3 NOZZLE - 3.75
ADBPN 8159	QP3 NOZZLE - 7.0
ADEPN 8169	QP3 NOZZLE - 10.0
ADBPN 8179	QP3 NOZZLE - 15.0
ADBPN 8189	QP3 NOZZLE - 17.5
ADBPN 8199	QP3 NOZZLE - 2.5 (RUBBER CUP)
ADBPN 8209	QP3 NOZZLE - 5.0 (RUBBER CUP)
ADEPN 8219	QP3 NOZZLE - 8.0 (RUBBER CUP)
ADBPN 8229	QP3 NOZZLE - 15.0 (RUBBER CUP)
ADBPN 8239	QP3 NOZZLE - 17.5 (RUBBER CUP)

QP3 BFE 8mm, 12mm, 16mm and 24mm used Feeders are available through Ateron procurement service.

Fuji IP

Specification

- Gantry style machine
- 2 Heads

Nozzle Range

OEM Part Number	Description
IPH - 3431	IP - SS NOZZLE 1.0
IPH - 3421	IP - S NOZZLE 1.3
IPH - 3411	IP - M NOZZLE 2.5
IPH - 3401	IP - L NOZZLE 4.0
IPH - 4511	IP - LL NOZZLE 7.0 (WITH CAP)
IPH - 4520	IP - LL NOZZLE 10.0 (WITH CAP)
IPH - 4531	IP - LL NOZZLE 15.0 (WITH CAP)
IPH - 4541	IP - LL NOZZLE 20.0 (WITH CAP)
IPA - 0007	IP - LL ADAPTOR 7.0
IPA - 0010	IP - LL ADAPTOR 10.0
IPA - 0015	IP - LL ADAPTOR 15.0
IPA - 0020	IP - LL ADAPTOR 20.0
AKPH - 2051	IP2 - SS NOZZLE 1.0 (FIXED)
AKPH - 2031	IP2 - S NOZZLE 1.3 (FIXED)
AKPH - 2041	IP2 - M NOZZLE 2.5 (FIXED)
AKPH - 2061	IP2 - L NOZZLE 4.0 (FIXED)
AQNA - 3130/39	IP3 - NOZZLE 1.3 (FIXED) (31 X 31mm)
AQNA - 3140/49	IP3 - NOZZLE 1.8 (FIXED) (31 X 31mm)
AQNA - 3150/59	IP3 - NOZZLE 2.5 (FIXED) (31 X 31mm)
AQNA - 3160/69	IP3 - NOZZLE 3.7 (FIXED) (31 X 31mm)
AQNA - 3170	IP3 - NOZZLE 7.0 (FIXED) (31 X 31mm)
AQNA - 3180	IP3 - NOZZLE 10.0 (FIXED) (52 X 52mm)
AQNA - 3190	IP3 - NOZZLE 15.0 (FIXED) (62 X 62mm)
AQNA - 3200/01	IP3 - NOZZLE 20.0 (FIXED) (102 X 102mm)
AQNA - 3290/95	IP3 - NOZZLE 3.7 (FIXED) (52 X 52mm)
AQNA - 3300/04	IP3 - NOZZLE 7.0 (FIXED) (52 X 52mm)
AQNA - 3310/14	IP3 - NOZZLE 10.0 (FIXED) (62 X 62mm)
AQNA - 3320/24	IP3 - NOZZLE 15.0 (FIXED) (102 X 102mm)
AQNA - 3330/34	IP3 - NOZZLE 6.5 (FIXED) (52 X 52mm)

IP3 BFE 8mm, 12mm, 16mm and 24mm used Feeders are available through Ateron procurement service.

Fuji Spares

OEM Part Number	Description
MCA0601	CP43 Reel Set 8mm
ALPC8032 C10	CP3/CP4 Ø1.0 tape guide
ALPC8041	CP3/CP4 Ø1.3 tape guide
GPC7012	CP3/CP4 Lever, Clamp
MCA0191	
	CP41 Lever
	NXT tape guide 0.35
KDBC0133	QP Tape guide W12
KDCC0043	QP Tape guide W16
KDDC0043	QP Tape guide W24
KDFC0041	QP Tape guide W32
KDGC0040	QP Tape guide W44
	IP/QP2 Retainer (Motor feeder) W8
KDBC0581	IP/QP2 Retainer (Motor feeder) W12
KDCC1262	IP/QP2 Retainer (Motor feeder) W16
KDDC0680	IP/QP2 Retainer (Motor feeder) W24
KDFC0410	IP/QP2 Retainer (Motor feeder) W32
ABFCA3504	IP3 REEL 8MM, 12MM
ABFCC3205	IP3 REEL 16MM
ABFCB3108	IP3/QP Ø2.5 12MM TAPE GUIDE
ABFCC3301	IP3/QP Ø4.0 16MM TAPE GUIDE
ABFCD3403	IP3/QP Ø1.0 24MM TAPE GUIDE
ABFCG3201	IP3/QP W44 TAPE GUIDE (P8,12, P8X2, P12X2)
ABFCH3307	IP3/QP TAPE GUIDE (W56XP32,P36,P40,P48)
H3126H	CP/IP/QP FEEDER PLUG, TUBE
T2060A	
T2058T	
	IP/QP FEEDER RETAINER 12MM 16MM 24MM
	IP2 LEVER
	CP3/IP2 REEL
	IP2 REEL (12-72MM)
	IP3/QP REEL COVER (12-72MM)

Assembleon Comet, Sapphire, Orion

AKA Philips & Yamaha

Specification

- Gantry Style
- Sixteen heads, two nozzles per head.
- Component range: 0201 to $45mm^2$

Nozzle Range

OEM Part Number (Philips/Yamaha)		Description
N/A	N/A	1.4mm O/D multiport tapered tip
K62-M719-100	YV12-0905	1.4mm O/D, 0.4mm I/D tapered tip
K62-M719-200	YV12-1408	1.4mm O/D, 0.7mm I/D tapered tip
K62-M719-300	YV12-3020	3mm O/D, 2mm I/D tip
K62-M719-400	YV12-6040	6.5mm O/D O-ring tip
K62-M719-500	YV12-1080	10mm O/D, 8mm I/D rubber tip

Assembleon Comet, Sapphire, Orion used Feeders are available through Ateron procurement service.

Assembleon Topaz

Specification

- Gantry Style Machine
- Eight heads, One nozzle per head
- Component range: 1005 to 54mm^2

Nozzle Range

OEM Part Number (Philips/Yamaha)		Description
PA 2902/75	KM0-M711A-02X	Diamond tipped nozzle with "X" shaped form in the tip
PA 2902/75	KM0-M711A-02X	Diamond tipped nozzle with UFO shaped form in the tip
PA 2962/71	KM0-M711B-00X	Type 32 Ceramic coated nozzle with diffuser plate
PA 2962/72	KM0-M711C-00X	Type 32 Ceramic coated nozzle
PA 2962/73	KM0-M711D-00X	Type 33 Ceramic coated nozzle
PA 2962/74	KM0-M711E-00X	Type 34 Ceramic coated nozzle
PA 2962/76	KM0-M71AB-A0X	Type 34 type 35 Ceramic coated nozzle with Melf tip

Feeders

PA2903/77	KW1-M1500-110	CL-823 The depth of groove: 2.5mm	8x2mm(0201) Paper 7"/15"Reel
	KW1-M1500-030	Green handle	
PA2903/78	KW1-M1400-00X	CL-825 The depth of groove: 2.5mm	8x2mm(0402) Paper 7"/15"Reel
		Blue Handle	
PA2903/79	KW1-M1200-00X	CL-84 The depth of groove: 2.5mm	8x4mm(0603 0805) Embossed 7"/15"Reel
	KW1-M1100-000	Black Handle	
PA2903/88	KW1-M2200-300	CL12 The depth of groove: 2.5mm	12mm Embossed 15"Reel
		Black Handle	
PA2903/27	KW1-M3200-10X	CL16 The depth of groove: 11mm	16mm Embossed 15"Reel
PA2903/38	KW1-M4500-015	CL24 The depth of groove: 15mm	24mm Embossed 15"Reel
PA2903/48		CL32 The depth of groove: 15mm	32mm Embossed 15"Reel
PA2903/58		CL44 The depth of groove: 15mm	44mm Embossed 15"Reel
PA2903/68		CL56 The depth of groove: 15mm	56mm Embossed 15"Reel
9466 920 06151		CL72 The depth of groove: 15mm	72mm Embossed 15"Reel
PA2903/77	KW1-M1500-110	CL-823 The depth of groove: 2.5mm	8x2mm(0201) Paper 7"/15"Reel

Assembleon Topaz X

AKA Philips & Yamaha

Specification

- Gantry Style
- 8 heads, one nozzle per head
- Component range: 0401 to 45mm^2

Nozzle Range

OEM Part Number		Description
PA 2962/47	KV8-M7710-A0X	Diamond tip (tip only)
PA 2962/47	KV8-M7710-A0X	Two-part spring loaded, diamond tipped nozzle
PA 2962/48	KV8-M7720-A0X	Diamond tip (tip only)
PA 2962/48	KV8-M7720-A0X	Two-part spring loaded, diamond tipped nozzle
PA 2962/43	KV8-M7730-A0X	Two-part spring loaded, diamond tipped nozzle
PA 2962/44	KV8-M7740-A0X	One-part non spring loaded nozzle (rubber O-ring tip)
PA 2962/45	KV8-M7760-A0X	One-part non spring loaded melf nozzle (non diamond tipped)

Feeders

PA2903/77	KW1-M1500-110	CL-823 The depth of groove: 2.5mm	8x2mm(0201) Paper 7"/15"Reel
	KW1-M1500-030	Green handle	
PA2903/78	KW1-M1400-00X	CL-825 The depth of groove: 2.5mm	8x2mm(0402) Paper 7"/15"Reel
		Blue Handle	
PA2903/79	KW1-M1200-00X	CL-84 The depth of groove: 2.5mm	8x4mm(0603 0805) Embossed 7"/15"Reel
	KW1-M1100-000	Black Handle	
PA2903/88	KW1-M2200-300	CL12 The depth of groove: 2.5mm	12mm Embossed 15"Reel
		Black Handle	
PA2903/27	KW1-M3200-10X	CL16 The depth of groove: 11mm	16mm Embossed 15"Reel
PA2903/38	KW1-M4500-015	CL24 The depth of groove: 15mm	24mm Embossed 15"Reel
PA2903/48		CL32 The depth of groove: 15mm	32mm Embossed 15"Reel
PA2903/58		CL44 The depth of groove: 15mm	44mm Embossed 15"Reel
PA2903/68		CL56 The depth of groove: 15mm	56mm Embossed 15"Reel
9466 920 06151		CL72 The depth of groove: 15mm	72mm Embossed 15"Reel
PA2903/77	KW1-M1500-110	CL-823 The depth of groove: 2.5mm	8x2mm(0201) Paper 7"/15"Reel

Assembleon Topaz XF

AKA Philips & Yamaha

Specification

- Gantry Style
- 8 standard heads or 4 Flying Nozzle Change heads coupled with 4 standard heads
- Component range: 0201 to 45mm^2

Nozzle Range

OEM Part Number		Description
PA2962/38	KV8-M71N1-A00	Diamond tipped Flying Head nozzle
PA2962/38	KV8-M71N1-A00	Diamond tipped Flying Head nozzle tip only
PA2962/39	KV8-M71N2-A00	Diamond tipped Flying Head nozzle
PA2962/39	KV8-M71N2-A00	Diamond tipped Flying Head nozzle tip only
PA2962/40	KV8-M71N3-A00	Diamond tipped Flying Head nozzle
PA2962/41	KV8-M71N4-A00	Diamond tipped Flying Head nozzle

Feeders

PA2903/77	KW1-M1500-110	CL-823 The depth of groove: 2.5mm	8x2mm(0201) Paper 7"/15"Reel
	KW1-M1500-030	Green handle	
PA2903/78	KW1-M1400-00X	CL-825 The depth of groove: 2.5mm	8x2mm(0402) Paper 7"/15"Reel
		Blue Handle	
PA2903/79	KW1-M1200-00X	CL-84 The depth of groove: 2.5mm	8x4mm(0603 0805) Embossed 7"/15"Reel
	KW1-M1100-000	Black Handle	
PA2903/88	KW1-M2200-300	CL12 The depth of groove: 2.5mm	12mm Embossed 15"Reel
		Black Handle	
PA2903/27	KW1-M3200-10X	CL16 The depth of groove: 11mm	16mm Embossed 15"Reel
PA2903/38	KW1-M4500-015	CL24 The depth of groove: 15mm	24mm Embossed 15"Reel
PA2903/48		CL32 The depth of groove: 15mm	32mm Embossed 15"Reel
PA2903/58		CL44 The depth of groove: 15mm	44mm Embossed 15"Reel
PA2903/68		CL56 The depth of groove: 15mm	56mm Embossed 15"Reel
9466 920 06151		CL72 The depth of groove: 15mm	72mm Embossed 15"Reel
PA2903/77	KW1-M1500-110	CL-823 The depth of groove: 2.5mm	8x2mm(0201) Paper 7"/15"Reel

Assembleon Emerald

AKA Philips & Yamaha

Specification

- Gantry Style Machine
- Two heads, One nozzle per head
- Component range: 1005 to 54mm^2

Nozzle Range

OEM Part Number (Philips/Yamaha)		Description
PA 2902/75	KM0-M711A-02X	Diamond tipped nozzle with "X" shaped form in the tip
PA 2902/75	KM0-M711A-02X	Diamond tipped nozzle with UFO shaped form in the tip
PA 2962/71	KM0-M711B-00X	Type 32 Ceramic coated nozzle with diffuser plate
PA 2962/72	KM0-M711C-00X	Type 32 Ceramic coated nozzle
PA 2962/73	KM0-M711D-00X	Type 33 Ceramic coated nozzle
PA 2962/74	KM0-M711E-00X	Type 34 Ceramic coated nozzle
PA 2962/76	KM0-M71AB-A0X	Type 34 type 35 Ceramic coated nozzle with Melf tip

Feeders

PA2903/77	KW1-M1500-110	CL-823 The depth of groove: 2.5mm	8x2mm(0201) Paper 7"/15"Reel
	KW1-M1500-030	Green handle	
PA2903/78	KW1-M1400-00X	CL-825 The depth of groove: 2.5mm	8x2mm(0402) Paper 7"/15"Reel
		Blue Handle	
PA2903/79	KW1-M1200-00X	CL-84 The depth of groove: 2.5mm	8x4mm(0603 0805) Embossed 7"/15"Reel
	KW1-M1100-000	Black Handle	
PA2903/88	KW1-M2200-300	CL12 The depth of groove: 2.5mm	12mm Embossed 15"Reel
		Black Handle	
PA2903/27	KW1-M3200-10X	CL16 The depth of groove: 11mm	16mm Embossed 15"Reel
PA2903/38	KW1-M4500-015	CL24 The depth of groove: 15mm	24mm Embossed 15"Reel
PA2903/48		CL32 The depth of groove: 15mm	32mm Embossed 15"Reel
PA2903/58		CL44 The depth of groove: 15mm	44mm Embossed 15"Reel
PA2903/68		CL56 The depth of groove: 15mm	56mm Embossed 15"Reel
9466 920 06151		CL72 The depth of groove: 15mm	72mm Embossed 15"Reel
PA2903/77	KW1-M1500-110	CL-823 The depth of groove: 2.5mm	8x2mm(0201) Paper 7"/15"Reel

Assembleon Emerald X

AKA Philips & Yamaha

Specification

- Gantry Style
- Two Flying Heads or two Super Fine heads
- Component range: 0201 to 54mm^2

Nozzle Range

OEM Part Number		Description
PA 2962/97	KV7-M7710-A00	Two part (spring loaded) diamond tipped nozzle
	KV7-M7710-A01	61A diamond tip (tip only)
PA 2962/98	KV7-M7720-A00	Two part (spring loaded) diamond tipped nozzle
	KV7-M7720-A01	62A diamond tip (tip only)
PA 2962/93 PA 2962/94 PA 2962/95	KV7-M7730-A0X	One part (non spring loaded) diamond coated nozzle
PA 2962/93 PA 2962/94 PA 2962/95	KV7-M7740-A0X	One part (non spring loaded) diamond coated nozzle
PA 2962/93 PA 2962/94 PA 2962/95	KV7-M7750-A0X	One part (non spring loaded) diamond coated nozzle

Feeders

PA2903/77	KW1-M1500-110	CL-823 The depth of groove: 2.5mm	8x2mm(0201) Paper 7"/15"Reel
	KW1-M1500-030	Green handle	
PA2903/78	KW1-M1400-00X	CL-825 The depth of groove: 2.5mm	8x2mm(0402) Paper 7"/15"Reel
		Blue Handle	
PA2903/79	KW1-M1200-00X	CL-84 The depth of groove: 2.5mm	8x4mm(0603 0805) Embossed 7"/15"Reel
	KW1-M1100-000	Black Handle	
PA2903/88	KW1-M2200-300	CL12 The depth of groove: 2.5mm	12mm Embossed 15"Reel
		Black Handle	
PA2903/27	KW1-M3200-10X	CL16 The depth of groove: 11mm	16mm Embossed 15"Reel
PA2903/38	KW1-M4500-015	CL24 The depth of groove: 15mm	24mm Embossed 15"Reel
PA2903/48		CL32 The depth of groove: 15mm	32mm Embossed 15"Reel
PA2903/58		CL44 The depth of groove: 15mm	44mm Embossed 15"Reel
PA2903/68		CL56 The depth of groove: 15mm	56mm Embossed 15"Reel
9466 920 06151		CL72 The depth of groove: 15mm	72mm Embossed 15"Reel
PA2903/77	KW1-M1500-110	CL-823 The depth of groove: 2.5mm	8x2mm(0201) Paper 7"/15"Reel

Assembleon Emerald XF

AKA Philips & Yamaha

Specification

- Gantry Style
- Two Flying Heads or two Super Fine heads
- Component range: 0201 to 54mm^2

Nozzle Range

OEM part number		Description
PA 2962/86	KV8-M71N1-A00	Two part (spring loaded) diamond tipped Flying Head nozzle
PA 2962/86	KV8-M71N1-A01	61F diamond tip (tip only)
PA 2962/87	KV8-M71N2-A00	Two part (spring loaded) diamond tipped Flying Head nozzle
PA 2962/87	KV8-M71N2-A01	62F diamond tip (tip only)
PA 2962/88		Two part (spring loaded) diamond tipped Flying Head nozzle
PA 2962/89		One part (fixed) diamond coated nozzle (O-ring tip)

Feeders

PA2903/77	KW1-M1500-110	CL-823 The depth of groove: 2.5mm	8x2mm(0201) Paper 7"/15"Reel
	KW1-M1500-030	Green handle	
PA2903/78	KW1-M1400-00X	CL-825 The depth of groove: 2.5mm	8x2mm(0402) Paper 7"/15"Reel
		Blue Handle	
PA2903/79	KW1-M1200-00X	CL-84 The depth of groove: 2.5mm	8x4mm(0603 0805) Embossed 7"/15"Reel
	KW1-M1100-000	Black Handle	
PA2903/88	KW1-M2200-300	CL12 The depth of groove: 2.5mm	12mm Embossed 15"Reel
		Black Handle	
PA2903/27	KW1-M3200-10X	CL16 The depth of groove: 11mm	16mm Embossed 15"Reel
PA2903/38	KW1-M4500-015	CL24 The depth of groove: 15mm	24mm Embossed 15"Reel
PA2903/48		CL32 The depth of groove: 15mm	32mm Embossed 15"Reel
PA2903/58		CL44 The depth of groove: 15mm	44mm Embossed 15"Reel
PA2903/68		CL56 The depth of groove: 15mm	56mm Embossed 15"Reel
9466 920 06151		CL72 The depth of groove: 15mm	72mm Embossed 15"Reel
PA2903/77	KW1-M1500-110	CL-823 The depth of groove: 2.5mm	8x2mm(0201) Paper 7"/15"Reel

Assembleon FCM

Specification

- Gantry Style
- Up to 16 placement modules – one nozzle per module
- Component range: 0201 to 25mm^2
- 3 nozzle changes per annum

Nozzle Range

OEM part number	Description
PA 2747/00	1.0 x 0.5mm, twin 0.32mm hole nozzle with garter spring
PA 2747/01	0.9 x 0.5mm, twin 0.36mm nozzle with O-rings
PA 2747/20	1.3 x 0.9mm, twin 0.41mm hole nozzle with garter spring
PA 2747/30	2.5 x 1.5mm, twin 0.80mm hole nozzle with O-rings
PA 2747/50	2.0 x 2.0mm, single 0.91mm hole melf nozzle with O-rings
PA 2747/60	0.70mm I/D melf nozzle with O-rings

Assembleon FCM used Feeders are available through Ateron procurement service.

Siemens Siplace

Specification

- Gantry Style
- Between 2 and 4 heads depending on machine.
- 12 or 6 nozzles per head depending on head type

Nozzle Range

OEM Part Number	Description
00322603	PIPETTE TYP 701/901 VECTRA-KERAMIK PKG 6
00322602	PIPETTE TYP 704/904 VECTRA-KERAMIK PKG 6
00321854	PIPETTE TYP 711/911 VECTRA C130 PKG 60
00345020	PIPETTE TYP 713/913 VECTRA C130 PKG 24
00321861	PIPETTE TYP 714/914 VECTRA C130 PKG 60
00321862	PIPETTE TYP 715/915 VECTRA C130 PKG 60
00321863	PIPETTE TYP 717/917 VECTRA C130 PKG 24
00321864	PIPETTE TYP 718/918 VECTRA C130 PKG 24
00321867	PIPETTE TYP 719/919 VECTRA C130 PKG 24
00325972	PIPETTE TYP 720/920 KOMPLETT PKG 6
00325970	PIPETTE TYP 721/921 KOMPLETT PKG 6
00324996	PIPETTE TYP 723/923 VECTRA C130 PKG 24
00321866	PIPETTE TYP 724/924 VECTRA C130 PKG 24
00333652	PIPETTE TYP 725/925 VECTRA-KERAMIK PKG 6
00346522	PIPETTE TYP 732/932E:00346688
00346523	PIPETTE TYP 733/933 PKG 6 PKG 6
00327810	PIPETTE TYP 734/934 PKG 6 PKG 6
00346524	PIPETTE TYP 735/935 PKG 6 PKG 6

Siemens Spares

00322591	PIPETTE TYP 737/937 PKG 6 PKG 6
00322594	PIPETTE TYP 738/938 PKG 6 PKG 6
00322592	PIPETTE TYP 738-938 PKG 6
00322593	PIPETTE TYP 739-939 PKG 6 PKG 6
00330535	PIPETTE TYP 753/953 VECTRAA700/POLYURET. PKG 6

OEM Part Number	Description
319056	Consumable Parts Kit

322501	Sherical Cap
326085	Gauge 0.1
326412	Screw Kit
2101355	24mm Gurt
2101637	8mm Gurt link
2101964	Spring
02102416	Screw
3070200	Gear
0010425S03	8 mm Tape Defector
00116140-02	Adjustment Potentiometer
00193171-01	tape gauge
00201563S01	Spring
002102182-01	Actuating Lever
0022439S01	Rocker Complete
00301530-01	Cable Clamp
00301538-01	Gripping ring
00301621S01	Plug Axle
00301622S01	Plug Axle
00301623S01	Axle
00302536S01	M2x4mm screw
00303375-02	Belt Flap Fwd Feed 4mm
00303398 S 01	Gear Left Hand
00303414-01	Belt Flap W / Feed 2mm
00303473-01	Screw 6x6mm
00303485 S 01	Tension Spring
00303932-01	Micro Switch V4 T9 for Docking Unit
00304511-02	Bracket
00304647-01	Switch
00306969-01	Plug in Axle Type 8/12/16
00308476-02	Gear Wheel
00308620S02	Fork Light Barrier
00308626S02	Cable For Belt Feed Mod
00308948S01	Pressure Spring .16X1 .36X6.7
00308978S02	Latching Devise
00308984-01	Tape Container Rear Panel
00308997-02	Basement Cover
00309036S05	Component Cover 2x8 Feeder
00309103S01	Spring
00309104S01	Pressure Spring
00310017S01	Pressure spring
00310305-01	Distance Sleeve
00310344-02	Holder For Buttons
00310382S02	Bolt
00310383S02	Roller
00310385S05	Strip Removal Plate
00310387S05	8 mm Flap
00310388S01	Spring
00310389S02	Axle Set Screw
00310418S10	Insert
00310422S01	Drive F Component Cover

00310425S03	Deflector, Tape 8 mm
00310435S06	Stripping Device 2
0031114S01	Long Lock Screw
00314809 S 01	Damper
00315132S03	Protection Ring
00315454-01	Plate Sp. For 12/16mm Belt
00315911S04	8 mm Spring Plate
00315926-01	Removal Edge
00315927S01	Component Cover W/Locking screw
00315928-01	Strip Oscillating Crank
00316329-01	Halogen Lamp (For Calibration Fixture)
00319056-01	Consumable Parts Kit 2 F.
00319057-01	Consumable Parts Kit 2 F.
00321064S03	Long Lock Screw
00321183S02	Pedestal
00322124S01	Joint Beam 12/16 mm
00322125S01	Joint Beam Rear 12/16 mm
00322175S01	Joint Beam
00322180S03	Spring Base
00322181S03	Spring Base
0032219S06	Control Board 12-56mm
00322224S01	Tape Spring
00322249S01	Tape Support
00322260-01	Tape Channel Top 12/16 mm
00322273S02	Belt Clip
00322274S01	Belt Clip 24mm
00322343S01	Special Screws For Pick Up Window
00322357S01	Shaft F. Sliding gear 12/16mm Feeder
00322359S01	Shaft
00322387S04	Gear Wheel 2
00322410-01	Motor Bracket
00322435S01	Rocker Complete
00322439S01	Rocker Complete
00322440S01	Rocker Complete
00322445S02	Rocker 2 Complete
00322446-01	Rocker 2 Complete
00322447S01	Rocker Assy. 44mm
00322449S02	Gear Wheel Assy
00322501S01	Sherical Cap
00322513S01	Drive Unit
00322526-01	Pedestal
00322705S02	Filler Block
00322706S03	Cover
00322745S01	Filler Block
00322746S01	Long Lock Screw
00322748S01	Driver Assy
00322753S04	Pick Up Window
00323043-01	Solenoid
00323187S01	Lifting Magnet Comp.
00323208S04	Pick Up Window

00323212-01	Centering Unit
00324482S01	Strip Removal Plate
00324931S01	Transmitter Unit
0032536 S 01	M2x4mm Slotted Counter Screw
00325454-01	Power Cable
00325586S01	Control Panel Membrane Key
00325671S01	Tension Spring
00325696S01	Control Panel Assy
00325700S02	Centring Plate
00325701-01	Centering Plate
00326085-01	Adjusting Gauge
00326412-01	Screw Set
00326438-01	Button Unit
00326532S01	Axle SII
00326534S01	Cover Rt. Side
00326535S01	Cover Lt. Side
00326537S01	Cable Cover
00326596-01	Axle Set Screw
00327000S01	Drive Motor S11
00327023S01	Toothed Wheel Unit
00327024-01	Base Board
00327025S01	Cover Strip Disposal Drive S11
00327202S01	Pressure Spring
0032788-01	Empty Tape Plate Standard
00328503S02	Latching Device Assy
00328504S02	Latching Device Assy
00328505S02	Lock Assy
00329114S01	Full Float Axle
00330620S01	Pressure Spring
00330774-01	Plate
00330832S01	Support (Parts) 0402
00343842-01	S20 Comp. Table Roll
00349083S01	Cover Plate Drive Unit
00349428S01	Holder
0035080-01	Distributor bd.
00350833S01	Strip Motor
00350834S01	Strip Motor
00353080-01	Distributor Board
00353121-01	Distributor Board
00353122-01	Distribution Board 44mm Feeder
00364654-01	Screw Set For Foil Container
02302689-01	Belt Press Spring
02303581-01	Gear Wheel
141096-03	New Style Feeder Wheel
303598-01	Cam Roller Lt. Side
304293-01	Cross Bracket
304555-01	Shutter 8/12
319057-01	Consumable Parts Kit 2 F.
349428 S 01	Holder/W Screw 12/16mm
353080-01	Distribution Board 12/16mm Feeder

353121-01	Distribution Board 24/32mm Feeder
353123-01	Distribution Board 56mm Feeder
353124-01	Distribution Board 726mm Feeder
CR0320	Take Up Reel Assy
SPR-0008	Spring For Oscillating Crank
181	Miniature Fuse 5x20mm 6.3A 250V
20002	Cable
300628	Distance Light Barrier
30095	Sensor
302847	Servo Amp.
00303011	DC 24V Fan Motor
00303464	Vacuum Nozzle Type 312 Size 0
00303585	Sonar Burro
00304342	Cover Safety Switch
00306741	Motor Shaft Incoder Z- axis
312349	Machine Controller
2199956	Filters
00116040-01	Bd For CRDL
00116041S01	CRD For CRDL
00116113 S 01	Set Of Sleeves For 12 head
00116114-01	Set Of Sleeves For 6 Head
00200191-02	Synchronizing Gear
00200192-02	Synchronizing Gear
00200194-01	Synchronizing Disk al13T5/13-0
00200196-02	BFX Drive Belt
00200294-04	Mount F. Motor
00200333-01	Toothed Belt
00200337-01	Ball Brg.12x21x5
00200341-01	Toothed Belt
00200468-02	Wrench
00200469-01	Axis
00300575-02	Motor Controller
00300609-05	Proximity Switch X Axis
00300609-05	Proximity Switch/ X Axis
00300862-02	Measure Nozzle For Twin Head
00302836 S 12	Triple Axis Pc Bd
00303360-01	Set Up Cont. Bar Code
00303523 S 02	Machine Controller
00303547S01	O-Ring
00303631S02	Motor Unit Y Axis
00303932-01	Micro Switch
00304069 S 01	Toothed Belt
00304642-01	Table Lock Downs
00304642-01	Horizontal Tensioner
00304908S01	Proximity Switch
00306385 S 02	Motor W. Gear Washer
00306432 S 01	Prox Switch 3RG4601-1AB00
00306736-01	Proximity Sensors
00307051 S 01	Vacuum Adaptor dml2,5
00308498 S 01	Noise Reduction Unit

00310021-01	Silencer U-M5 NR4645
00310241 S 02	Fillister Head Screw
00310259-01	Grease Unisilkon L250 L 35 gr.
00310847-01	Fan M4715KL-05W-B30
00310945-01	Scanner Hd X Axis
00313490-01	Unimolly
00314068-02	Comp. Feeder Tester
00314544-01	3 Volt Lithium Battery
00314845-01	X 36 Cable
00314845-02	Cable External Power Supply
00315209-01	Filters
00315252 S 01	Set Screw
00315253-02	Siplace Cleaning Tissue
00315914-01	Micro Switch
00317249-04	MVS100 PC bd.
00317545-02	Nozzle (490) F Type 5xx
00317700-02	Toothed Belt Pulley
00317818-04	Nozzle Magazine (S15)
00317941-03	Axle (S20 New Style)
00318122-01	Additional Board
00318552-03	Gear f. X Axis (S20)
00318557-02	Toothed Belt 28 ATS 5/655
00318671-01	Splicing Strip
00318676-04	Link
00318676-05	Driver Left
00319352 S 01	Air Compression
00319420-02	Vacuum Nozzle d = 1.5
00319420-03	Vacuum Nozzle d = 1.5
00319423-02	Vacuum Nozzle
00319827 S 02	Distributor
00321414-01	Contactor Assy
00321524S05	Z-Axis Bottom Sensor
00321831-01	Recirculating Ball Unit
00321854 S 02	Vacuum Nozzle Type 711
00321861-04	714/914 Nozzle
00321861-06	Vacuum Nozzle Type 714/914
00321862-02	Vacuum Nozzle Type 714
00321862-05	Vacuum Nozzle Type 715/915 Vectra
00321862-06	Vacuum Nozzle Type 715/915 Vectra
00321863-02	Vacuum Nozzle Type 717 Vectra
00321863-05	Vacuum Nozzle Type 717/917 Vectra
00321864-02	Vacuum Nozzle Type 718 Vectra
00321864-05	Vacuum Nozzle Type 718/918 Vectra
00321866-02	Vacuum Nozzle Type 724 Vectra
00321867-02	Vacuum Nozzle Type 719 Vectra
00321867-05	Vacuum Nozzle Type 719/719 Vectra
00321938-01	Filters
00322018-01	Vacuum Plate
00322387S04	Gear Wheel
00322543-01	Nozzle 8mm, 417 New, Complete

00322544-01	Nozzle 12,5mm,418 New, Complete
00322545-01	Nozzle 416 Siplace 80F
00322546 S 01	Nozzle 24mm, 419 New Complete
00322546 S 03	419 Complete
00322591-04	Nozzle Type 737/937
00322592-04	Nozzle Type 738/938
00322593-04	Nozzle Type 739/939
00322602-04	Nozzle Type 704/904
00322602-05	Nozzle Type 904
00322603-03	Nozzle Type 701/901
00322603-04	Nozzle Type 701/901 Vectra- Ceramic
00323044 S 05	Nozzle Magazine 7/9 XX
00325970-04	Nozzle Type 721/921 Complete
00325972 S 02	Nozzle Type 720 Complete
00325972-04	Nozzle Type 720/920 Complete
00326053-01	Motor Assy
00326123-02	Nozzle Type 820 Complete
00326124-02	Nozzle Type 821 Complete
00326160-01	Pruefstift 1,4
00326161-01	Pruefstift 1,5
00326162-01	Pruefstift 1,6
00326163-01	Pruefstift 1,3
00326282-01	Eprom Set MVS 2119 E
00326438-01	Button Unit
00327005-01	Adjusting Gauge F.Revolver hd.
00327810-05	Nozzle Type 734/934
00328842S03	Nozzle Mag.
00329417 S 01	PCB Guide Rails W/Calibr.rt
00330027-04	Nozzle Adapter For RV Head 700/900
00330406-01	Filter Cartridge
00330538-03	Nozzle Type 756/956
00330647-07	Head Board
00330832S01	0402 Support
00330850-01	Topas Grease
00331308-01	Calibration Gauge For The Race
00331923-01	Control Cable Placement Head SP/12
00333652-06	725/925 Nozzle
00333972-01	Motor W. Pulley
00334180-02	X-Axis Tooth Belt
00334269-01	Cleaning tool for Ceramic Nozzles
00334270-01	Cleaning tool for Ceramic Nozzles
00334495-05	X-Axis Belt Pulley
00334514-05	X-Axis Motor Pulley
00334847-01	KL-K2-250
00334936-01	Toothed Belt T2, DLM1
00336543 S 01	O-Ring 3x1
00337389-04	Y-Axis Brecoflex Toothed Belt
00337405-01	NRS Cover SP12
00337584-03	817 Nozzles Complete
00337990-1	M4 x 16mm Head Screws

00341181S01	S-25,27 Star
00341220-01	Cable HS50 Component Illumi. Control
00341780S01	Turning Station
00343699-01	Dust Cover Siplace s
00343842-01	Comp. Table Roll
00345020-02	Vacuum Nozzle Type 713/913
00345031-03	Nozzle Type 906
00345127-01	O-Ring 3x1 VMQ 70 Shore A Red
00346191-01	Cable SW-S4
00346360 S 02	Screw M6X10 Din923
00346522-02	Nozzle Type 732/932
00346523-02	Nozzle Type 733/933
00346523-02	Prox.Switch
00346524-02	Nozzle Type 735/935
00346688-01	Special Nozzle Type 932
00347297 S 01	Light Barrier Z-Axis
00347444-01	Synchronizing Disk For X Axis
00348186-02	Nozzle Type 702/902
00349432S01	Reject actuator motor
00350588 S 01	Sleeve W/Ball Fixing Compl.
00350588-02	Single 12 Head Sleeve
00350661-01	O-Ring 8x1 Viton 75
00350662-01	O-Ring 6,5X1,6 Viton 80
00351498-03	Valve Plunger Assy SP12 Plastic
00351500-01	Valve Plunger Assy SP6 Plastic
00351500-03	Valve Plunger Assy SP-6
00351994-03	Rear Deflection Roll Compl.X-belt
00352931-02	Siplace Clean Sticks
00352957 S 01	Single 6 Head Sleeve
00353134-01	Vacuum Plate Complete
00354244 S 01	Blue Vacuum/Nozzle
00355386-01	Filter Insert 5 microm. F. Component
00355484-02	Feeder Flap Sensor
00356993-01	Retrofit Kit Compressed Air Stop
00358644-02	Crash Sensor
00359419-02	Interlock WTC
00359582 S 01	Silencer
00363025-01	Membrane Small
00363026-01	Membrane Large
00364813-02	Servo Amplifier PCB TBS200/15Y2
00367071-01	Oil For Z Bearing
00367793S01	Blister Unit / DLM2
00368211 S 01	Distributor Disk
00370735-01	Locked Box
00372613-01	Verriegelung FMT XL MTC2
00372615-01	Tray holder
00375273-01	Cable Abrasion Protection Foil
00375276-01	Cable Abrasion Protection Foil
00619855-01	Pin
00619882-01	Pin

00808033-01	Lamp 24V / 4W
00818026 S 01	Emergency Stop Push Button
02100024-01	Control Cabinet Key
02100280-01	BRG
02100393-01	Watch Makers Oil
02100655-01	Emergency Stop Push Button Assy.
03006548-01	Air Filter
03008862-02	Pressure Nozzle For Twin Head
03010445 S 01	Tubbing
03011577 S 01	Z-Axis Lube
03011583-02	Nozzle Adapter Comp.
03013061S01	Air Filter Complete (Head)

Panasonic MV-/2C/2VB/2F

Specification

- Turret style machine
- 12 heads, 5 nozzles per head, 60 nozzles in total

Nozzle Range

OEM Part Number	Description
104277327104	-
104277319106	-
104287515102	1.0 x 0.8 mm square diamond tip
102247818104	1.4 x 0.8mm square diamond tip
102247848601	1.7 x 1.2 mm square diamond tip
1023075686	0.8mm outer diameter Melf tip
102016517100	1.2mm outer diameter Melf tip
102017968001	1.2mm outer diameter V-Cut Melf tip
102017956103	1.6mm outer diameter tip
102017950002	3.0mm outer diameter tip
102811003101	5.5mm outer diameter tip
1042773296	8.0mm outer diameter tip

Feeders

1015622500	8x4 Emboss
1015621500	8x4 Paper
1015624000	24x12
1015624000	24x16
1014917000	32x12
1014918800	32x16
1015629000	32x24

Panasonic MSH-II/MSH-G1

Specification

- Turret Style Machine
- 16 heads, 3 nozzles per head (48 nozzles in total)
- Component range: 0402 up to 18mm^2

Nozzle Range

OEM Part Number	Description
102381081003	0.6 x 0.5 mm diamond tipped nozzle
102381076006	1.0 x 0.6 mm diamond tipped nozzle
101878181003	1.0 x 0.6 mm diamond tipped nozzle (H Type tip)
101878181002	1.5 x 1.0 mm diamond tipped nozzle
102378926502	1.8 x 1.2 mm diamond tipped nozzle
102381082002	1.2 x 1.4 mm diamond tipped nozzle
102381077003	3.4 x 2.9 mm diamond tipped nozzle

PANASONIC MSH-II / MSH-G1 used Feeders are available through Ateron procurement service.

Panasonic MSR

Specification

- Turret style machine
- 16 heads, 6 nozzles per head, 96 nozzles in total
- 1 nozzle change per annum

Nozzle Range

OEM Part Number	Description
1046878599	Diamond tipped
1046878597	Diamond tipped
1046878598	Diamond tipped
104671013403	1.6mm O/D Diamond tipped nozzle
1046710180	3.0 mm O/D Diamond tipped nozzle
10467S0002	5.5 mm O/D Diamond tipped nozzle
10467S0003	8.0 mm O/D Diamond tipped nozzle
104678027502	1.6 mm O/D Non diamond tipped melf nozzle
104678027402	1.9 mm O/D Non diamond tipped melf nozzle

Feeders

N/A	16x12, 13" Embossed
N/A	24x12, 13" Embossed
N/A	24x16, 13" Embossed
N/A	32x16, 13" Embossed
N/A	32x24, 13" Embossed
N/A	44x24, 13" Embossed
N/A	32x12, 13" Embossed
N/A	8x4, 7", Embossed
N/A	8x4, 13", Paper

Panasonic MCF

Specification

- 28,000 components per hour
- Component range: 0201 up to 50 mm^2

Nozzle Range

OEM Part Number	Description
1083408701	0.6 x 0.5mm diamond tipped nozzle
1083408601	1.0 x 0.8mm diamond tipped nozzle
1083498001	2.0mm non diamond tipped nozzle
1083498011	3.0mm non diamond tipped nozzle
1083498021	5.5mm non diamond tipped nozzle
1083498031	7.0mm non diamond tipped nozzle
1083448841	11.5mm non diamond tipped nozzle
1083498861	1.2mm O/D melf nozzle
1083448801	1.6mm O/D melf nozzle
1083418221	12 x 5mm nozzle with pad
1083408871	9.4 x 5mm nozzle
1083408881	9.6 x 0.8mm nozzle

PANASONIC MCF used Feeders are available through Ateron procurement service.

Panasonic Spares

OEM Part Number	Description
10488S0516	TAPE GUIDE (MSF)
10443S0014AA	TAPE GUIDE (MSH3 8X2)
10443S0046	TAPE GUIDE (MSH3 8X4)
10443S0015AA	
10443S0015AB	
1044374-0001	
108954101701	TAPE GUIDE SET (MSR 8X2)
104854101708	
104854101711	
108954116701	TAPE GUIDE SET (MSR 8X4 R)
104854116701	
104854116711	
108954111701	TAPE GUIDE SET (MSR 8X4)
104854111708	
104854111711	
X708-25912S	TAPE RETAINER (MV2F Q-TYPE DOUBLE)
X708-25914S	
X708-25911S	TAPE RETAINER R (MV2F Q-TYPE DOUBLE)
X708-25913S	
	TAPE GUIDE (MV2C Q-TYPE)
8788259S08	TAPE GUIDE (MV2C 8X2 SLOW)
9801248KA03	
1029802-0006	TAPE GUIDE (MV2V 8X4 SLOW)
1029802-0007	
8788260S03	
9503045EA02	
10488S0017 1048840-0005	TAPE GUIDE (MV2F/MV2VB/MSH2 FAST 8X4 8X2)
10498S0049	TAPE GUIDE (MV2F DOUBLE LEFT)
10488S0388	TAPE GUIDE (MV2F DOUBLE RIGHT)
	MSH2 8X2 LINK (NEW)
	MSH2 8X2 LINK (OLD)
1044331-0022	MSH3 8X4 LINK
10443S0035	
104852101313	LEVER (MSR 8X2 LINK) SHUTTER LEVER SET
104852111313	LEVER (MSR 8X4 LINK) SHUTTER LEVER SET
104852111314	
	MV 12MM LINK
10488S0197-XX	MV2VB/MV2F 8X2 LINK
10488S0174	
104882-0008	MV2VB/MV2F 8X4 LINK
10488S0175	
10488S0198	
104853101105	WHEEL SET (MSR 8X2)
104853111105	WHEEL SET (MSR 8X4)
10485S0004	WHEEL SET MV (FAST) 8X4 SPROCKET
10488300001	

1044331-0021	REEL SET (MSH3)
104851102005	REEL SET (MSR L, 8MM)
104851101107	
104851107005	REEL SET (MSR R, 8MM)
1048810-0002	REEL SET (MV2F FAST)
1048810-0000	
6133013	REEL SET (MK)
101613301305	
	REEL CAP SET (MK) 8MM
	REEL CAP SET (MPA3) 8MM-72MM
104851101710	REEL CAP SET (MSR 8MM)
104851101705	
104851101708	
	REEL CAP SET (MV Q-TYPE)
1049211-0002	MV/MSH2/MSH3
	MV(K) DOUBLE
10495S0041	MV(K) DOUBLE L
10495S0042	MV(K) DOUBLE R
1048810-0001	MV2F (FAST)
1048810-0004	
104881800302	RATCHET LEVER BM221
102083700503	RATCHET LEVER MV
102083700502	
1020837005	
102083700S2	RATCHET LEVER MSH2
6133005	RATCHET LEVER MK/MPA
101613300502	
104853100108	LEVER (STOPPER) MSR
X638-441	MV2C LEVER (Q-TYPE)
X708-25058-8	LEVER (MV2F Q-TYPE)
X708-25058-7	
X708-25058-6	LEVER (MV2F Q-TYPE) SMALL
X708-25058-5	
X708-25213	RETCHET PAWL (L) MV2F Q-TYPE
	MV (DOUBLE) LEVER (K)
102083700301	LEVER SET (MV/MSH-G1)
102980100401	
	MV2C LEVER (K)
1048811-0014	MV2VB(K) LEVER SET
1048811-0015	
10488S0553	
10488S0554	
	MV2VB LEVER (K)
N986MS1W	CLAMPER SET
N986MY1	
104886500501	
N986MS1	CLAMPER
N986MK3Y-003	CLAMPER CAP (8X2 PAPER BLACK)
N986MK3Y-006	CLAMPER CAP (8X4 PAPER WHITE)
N986MK3Y-007	CLAMPER CAP (8X4 EMBOSS GREEN/CYAN)

N9861MZY1	CLAMPER(MSH3)
N9861MZC1	
1044379-001	
104433138502	MSH3(FAST) TAPE LEADER
1044331374	SPACER(MSH3)
104433136404	HOOK (MSH3)
104852110909	LEVER(SHUTTER)
104852100911	
104853100312	GUIDE (MSR)
104853200301	SPACER(MSR)
1048532103	
104850102202	MSR STOPPER(L)
104850102301	MSR STOPPER(R)
104854100807	MSR HOOK(8MM L)
104854105805	MSR HOOK(8MM R)
104854000602	COLLAR & PIN (SCREW)
104854000402	
104854200302	PIN(tape guide) 12mm
104854200502	
	PIN (MSR)
104881002904	STOPPER (MV/F)
104980155702	GUIDE LEVER ASSY(FAST)
102999718806	
1049801516	
XUC4FY	
104885000201	HOOK (FAST)
104885000207	
10298010501	FEEDER LEVER
1048830007	ADJUST LEVER
6130027	MK, MV2, MSH-2,(DUST PIPE)
6130100	
	HOOK(SMALL HOLE)
104980155702	GUIDE LEVER
1016133048	PUSH PIN
6133048	
102083701202	POSITIONING PIN (MV2C)
1048800002	POSITIONING PIN (MV2F, MSH3)
101613304205	FEEDER SHAFT
104885000101	TAPE GUIDE LEAD (MV2F)
	MV2VB DOULBE FEEDER LINK
102083701403	LINK PIN

Juki KE-2050R/2055R/2060R

Specification

- Gantry Style
- 6 Nozzles per head

Nozzle Range

OEM Part Number	Description
1046878599	Diamond tipped
1046878597	Diamond tipped
1046878598	Diamond tipped
104671013403	1.6mm O/D Diamond tipped nozzle
1046710180	3.0 mm O/D Diamond tipped nozzle
10467S0002	5.5 mm O/D Diamond tipped nozzle
10467S0003	8.0 mm O/D Diamond tipped nozzle
104678027502	1.6 mm O/D Non diamond tipped melf nozzle
104678027402	1.9 mm O/D Non diamond tipped melf nozzle

Feeders

CF05HP		8x2P
CF08HE		8x2E
CF081P		8x4P
CF081E		8x4E
FF12FS	FTF12mm	Multipitch
FF16FS	FTF16mm	Multipitch
FF24FS	FTF24mm	Multipitch

Juki KE-750/KE760, KD-775/KD-780

Specification

- Gantry Style
- 6 Nozzles per head

Nozzle Range

OEM Part Number	Description
1046878599	Diamond tipped
1046878597	Diamond tipped
1046878598	Diamond tipped
104671013403	1.6mm O/D Diamond tipped nozzle
1046710180	3.0 mm O/D Diamond tipped nozzle
10467S0002	5.5 mm O/D Diamond tipped nozzle
10467S0003	8.0 mm O/D Diamond tipped nozzle
104678027502	1.6 mm O/D Non diamond tipped melf nozzle
104678027402	1.9 mm O/D Non diamond tipped melf nozzle

JUKI Feeders are available through Ateron procurement service.

Juki Spares

OEM Part Number	Description
E1202-706-CA0	UPPER COVER ASM(3) (CTF-TYPE 8X2 0201)
E1203-706-CA0	UPPER COVER ASM(5) (CTF-TYPE 8X2 0402)
E2203-706-CA0	UPPER COVER ASM(8) (CTF-TYPE 8X4 0603)
E1211-706-C00-A	UPPER COVER HOOK
E1211-706-000	
E1211-706-C00	
E1211-706-C00-1	UPPER COVER HOOK (CTF)
E1310-706-CA0	TAPE HOLDER ASM(CTF, WHEEL RING 03)
E1310-706-CA0	
E1109-706-C00	
E1106-706-0A0	SWING PLATE ASM(ATF,CTF)
E1112-706-000-A	STOPPER HOOK (FF)
E1005-706-CA0	X-AXIS ADJUSTING BRACKET ASM
E1002-706-000	X-AXIS POSITIONGING PIN B
E1303-706-0A0	SHAKE ARM ASM
E1103-706-CA0	WHEEL 2MM ASM
E6822-705-000	STOPPER 8X2
E1115-706-A00	SLIDE PLATE
E3203-706-0AA	UPPER COVER 1204 ASM(1)(FTF 12X4)
E3203-706-0AB	UPPER COVER 1208 ASM(FTF 12X8)
E3203-706-0AC	UPPER COVER 1212 ASM(FTF 12X12)
E4203-706-0AA	UPPER COVER 1216 ASM(FTF 12X16)
E4203-706-0AB	UPPER COVER 1216 ASM(FTF 12X16)
E4203-706-0AC	UPPER COVER 1612 ASM(FTF 16X12)
E5203-706-00A	UPPER COVER 2408 ASM(FTF 24X08)
E5203-706-0AB	UPPER COVER 2412 ASM(FTF 24X12)
E5203-706-0AC	UPPER COVER 2416 ASM(FTF 24X16)
E5203-706-0AD	UPPER COVER 2424 ASM(FTF 24X24)
	TAPE GUIDE(KE750/24MM)
E1310-706-0A0	TAPE HOLDER ASM(FF)
E3310-706-0A0	TAPE HOLDER(12,16,24 ASM)
E4310-706-0A0	
E5310-706-0A0-A	

Samsung

Specification

- Gantry Style

Nozzles

-----	SAMSUNG PICK UP NOZZLE XG 1.0 / 0.5
-----	SAMSUNG PICK UP NOZZLE XH 1.4 / 0.8
-----	SAMSUNG PICK UP NOZZLE XI 2.2 / 1.4
-----	SAMSUNG PICK UP NOZZLE AA 4.0 / 2.4
-----	SAMSUNG PICK UP NOZZLE BA 6.2 / 4.0
-----	SAMSUNG PICK UP NOZZLE QE 9.0 / 7.5
-----	SAMSUNG PICK UP NOZZLE QF 12.5 / 10.0
2101938	SAMSUNG PICK UP NOZZLE 1.0 / 0.45 (N045)
2101939	SAMSUNG PICK UP NOZZLE 1.5 / 0.8 (N08)
2101940	SAMSUNG PICK UP NOZZLE 2.7 / 1.4 (N14)
2101941	SAMSUNG PICK UP NOZZLE 4.0 / 2.4 (N24)
2101942	SAMSUNG PICK UP NOZZLE 6.2 / 4.0 (N40)
2101943	SAMSUNG PICK UP NOZZLE 9.0 / 7.5 (N75)
2101944	SAMSUNG PICK UP NOZZLE (N110)
J7055131C	SAMSUNG CP45 NOZZLE 2.2 / 1.4 (TN14)
J7055132C	SAMSUNG CP45 NOZZLE 3.6 / 2.2 (TN22)
J7055133C	SAMSUNG CP45 NOZZLE 6.2 / 4.0 (TN40)
J7055135C	SAMSUNG CP45 NOZZLE 9.0 / 7.5 (TN75)
J7055137C	SAMSUNG CP45 NOZZLE 12.7 / 11 (TN110)
J9055138B	SAMSUNG CP45 NOZZLE 2.2 / 1.4 (CN140)
J9055139B	SAMSUNG CP45 NOZZLE 3.6 / 2.2 (CN220)
J9055218A	SAMSUNG CP45 NOZZLE 6.2 / 4.0 (CN400N)
J9055142B	SAMSUNG CP45 NOZZLE 9.0 / 7.5 (CN750)
J9055143B	SAMSUNG CP45 NOZZLE 12.7 / 11 (CN110)
J9055072C	SAMSUNG CP60 NOZZLE 2.2 / 1.4 (TN140)
J9055073C	SAMSUNG CP60 NOZZLE 4.0 / 2.4 (TN240)
J9055074C	SAMSUNG CP60 NOZZLE 6.0 / 4.0 (TN400)

SAMSUNG used Feeders are available through Ateron procurement service.

Samsung Spares

OEM Part Number	Description
	Samsung CP45 Tape Guide (new version)
J8100123A	TAPE GUIDE ASS'Y-NST 8MM
J7065486A	
J2500405	SHUTTER GUIDE
J2500436	SHUTTER GUIDE PIN
J2300003	TAPE GUIDE ROLLER 1
J2500004	TAPE GUIDE ROLLER SHAFT 1
J7065487A	SHUTTER
	Samsung CP45 Tape Guide
J7000774	TAPE GUIDE ASS'Y 8MM-S/8MM-P
J2500474	
J2500435	SHUTTER
J7000776	SHUTTER LEVER ASSY(NEW)(8MM-N, 8MM-S, 8MM-P)
J2500214	SHUTTER LEVER
J2500029	L LINK PIN
J2500228	LINK PIN
J1301164	BEARING (MR84ZZ[NSK])
J2500027	SHUTTER LEVER PIN
J2500041	L LINK
J7065448A	BEARING SHAFT 2
J2500408	LEVER SHAFT BUSH
J1301023	E-RING
J7000775	PUSHER LEVER ASSY (8X4)
J7000879	PUSHER LEVER ASSY (8X2)
J7000773	SPROCKET ASSY (4MM PITCH)
J2500438	
J7065565A	
J2500437	LOCKER(8MM-S, 8MM-P)
J2500038	CLAMP LEVER (8MM-S, 8MM-P)
J7000777	RATCHET PUSHER ASSY
J2500211	
J2500016	PITCH PAWL(08MM-08NSP)
J2500043	MANUAL LEVER
J2500063	TAPE COVER
J7065147B	
J7065147C	
J7065147A	
J7065436A	DUCT(8MM)
J1301164	BEARING
J2500062	VINYL GUIDE ROLLER 2 (AND SHAFT)
J2500061	

J7265091B	
J2500060	REEL ARM POST
J2500068	LOCATION PIN
J2500039	CLAMP SPRING/CLAMP SPRING GUIDE
J2500040	
J2500448	PLANET GEAR
1301606	BEARING
J2500524	PLANET GEAR B
J7265075B	
2500445	FIXED TAKE UP REEL(8MM)
2500446	REMOVABLE TAKE UP REEL (8MM)
	cp33 TAKE UP REEL
	CP33 LEVER-1
	CP33 LEVER-2
	CP33 LEVER-3
2500476	TAPE GUIDE ASSY(12MM)
7000786	
2500181	MANUAL LEVER ASSY(12-44MM)
7000814	
2500182	REEL WIND LEVER(12-44mm)
7000809	
J2500084	SPROCKET ASSY (12MM)
J7000794	
J2500359	CROSS LEVER ASSY
J2500090	LOCKER & LOCKER SHAFT (12MM)
J2500101	
J2500266	SPROCKET ASSY (16/24MM)
J7000795	
J7000796	
2500479	TAPE GUIDE ASSY (16MM)
J2500237	SHUTTER LEVER ASSY(16MM)
J7000807	
J2500121	LOCKER & LOCKER SHAFT (16MM)
J2500133	
2500482	TAPE GUIPE ASSY(24MM)
J7000788	
2500360	PITCH CHANGE SCREW(12/16MM)
2500395	PITCH CHANGE SCREW(12MM)
2500170	REMOVABLE TAKE UP REEL (12MM)
2500460	FIXED TAKE UP REEL(12MM)
J2500460	
2500375	REMOVABLE TAKE UP REEL (16MM)
2500461	FIXED TAKE UP REEL (16MM)
J2500461	
2500256	REMOVABLE TAKE UP REEL(24MM)
2500511	
2500316	REMOVABLE TAKE UP REEL(32MM)
2500341	REMOVABLE TAKE UP REEL(44MM)

MyData

Specification

- Gantry Style
- 8 Nozzles per head

Nozzle Range

OEM Part Number	Description
D-012-0530	H01 Hydra Head
D-012-0531	H02 Hydra Head
D-012-0817	H06 Hydra Head
D-012-0530	Roxton H01 Hydra Head
D-012-0531	Roxton H02 Hydra Head
D-012-0817	Roxton H06 Hydra Head