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electra 3000 A

INSTRUCTION

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ASSEMBLY INSTRUCTIONS

for

electra 3000 A

(VALID AS FROM SERIAL-NO.109201)

<u> </u>	ANLEITUNG	INSTRUCTION	INSTRUCTION	INSTRUCCION
PORTAN	<u>T</u> :			
I. The	electra 3000	A (as from serial-ne	o. 109201) can <u>no</u>	more be fitted to:
	MATIC pink and			,
- puo	MATIC - 80, s	erial no. 3'000'001	- 3'005'000 and	199001 - 199100
II. The	electra 3000	A (as from serial-ne	o. 109201) can be	fitted to:
		s from serial-no. 3		
			double bed (pay a	ttention to serial-no.
	MATIC - S, al COMAT - 32, a		on ne	edle bed <u>back</u>)
	electra 3000	A can <u>only</u> be fitte <u>CIAL</u> two-colour cha	d if there is alr nger on the knitt	eady or will be ing machine!
S Wit	hout the COLO	R or SPECIAL two-co	lour changer, the	locks could fall
on	the floor on	the right-hand side	of the knitting	machine:
	vou intend to	fit the electra 30	00 (up to serial-	no. 109200) according
to	these instruc	tions also in the n	ew fastening meth	od, a special fastening
		ed for it: Art.no.		
Ple	ase note that	- $ -$		
		points 1-111 above	do also apply in	this case.
			do also apply in	this case.
1. <u>Gene</u>	<u>_</u>	on on fitting the e	· • • • • • • • • • • • • • • • • • • •	this case.
- Open	eral informati a the box (pac	on on fitting the e king) and check tha	lectra 3000A. t the voltage inc	licated on the covering
- Open plat	eral informati the box (pac te of the elec	on on fitting the e king) and check tha tra is exactly the	lectra 3000A. t the voltage inc same as the volta	<u> </u>
- Open plat is n	eral informati the box (pac te of the elec not the case,	on on fitting the e king) and check tha tra is exactly the do not use the elec	lectra 3000A. t the voltage ind same as the volta tra!	licated on the covering
- Open plat is n - The	eral informati the box (pac the of the elec not the case, box (packing)	on on fitting the e king) and check tha tra is exactly the do not use the elec contains the follo	lectra 3000A. t the voltage ind same as the volta tra!	licated on the covering
- Open plat is n - The 1	eral informati a the box (pac te of the elec not the case, box (packing) electra 3000A	on on fitting the e king) and check tha tra is exactly the do not use the elec contains the follo	lectra 3000A. t the voltage ind same as the volta tra: wing items:	licated on the covering age in your home. If this
- Open plat is n - The 1 1	eral informati the box (pac te of the elec not the case, box (packing) electra 3000A Foot controll	on on fitting the e king) and check tha tra is exactly the do not use the elec contains the follo	lectra 3000A. t the voltage ind same as the volta tra: wing items:	licated on the covering age in your home. If this
- Open plat is n - <u>The</u> 1 1	eral informati the box (packing) the case, box (packing) electra 3000A Foot controll or Foot controll	on on fitting the e king) and check tha tra is exactly the do not use the elec contains the follo	lectra 3000A. t the voltage ind same as the volta tra! wing items: 3 for E-3000/E-30	licated on the ⁱ covering age in your home. If this
- Open plat is n - <u>The</u> 1 1	eral informati the box (packing) the case, box (packing) electra 3000A Foot controll or Foot controll or	on on fitting the e king) and check tha tra is exactly the do not use the elec contains the follo er art.no. 12.830.0	<pre>lectra 3000A. t the voltage ind same as the volta tra! wing items: 3 for E-3000/E-30 3 for E-3000/E-30</pre>	licated on the ^f covering age in your home. If this 000A 000A <u>for USA/CDN</u>
- Open plat is n - <u>The</u> 1 1	eral informati the box (packing) the case, box (packing) electra 3000A Foot controll or Foot controll or Foot controll	on on fitting the e king) and check tha tra is exactly the do not use the elec contains the follo er art.no. 12.830.0 er art.no. 12.857.0	<pre>lectra 3000A'. t the voltage ind same as the volta tra! wing items: 3 for E-3000/E-30 3 for E-3000/E-30 3 for E-3000/E-30</pre>	licated on the ^f covering age in your home. If this 000A 000A <u>for USA/CDN</u>
- Open plat is n - The 1 1	eral informati the box (pac te of the elec to the case, box (packing) electra 3000A Foot controll or Foot controll or Foot controll Operating ins	on on fitting the e king) and check tha tra is exactly the do not use the elec contains the follo er art.no. 12.830.0 er art.no. 12.857.0 er art.no. 12.970.0	<pre>lectra 3000A'. t the voltage ind same as the volta tra! wing items: 3 for E-3000/E-30 3 for E-3000/E-30 3 for E-3000/E-30 0/E-3000A</pre>	licated on the ^f covering age in your home. If this 000A 000A <u>for USA/CDN</u> 000A <u>for Australia</u>
- Open plat is n - The 1 1	eral informati the box (pac of the elec not the case, box (packing) electra 3000A Foot controll or Foot controll or Foot controll Operating ins Plastic bag (on on fitting the e king) and check tha tra is exactly the do not use the elec contains the follo er art.no. 12.830.0 er art.no. 12.857.0 er art.no. 12.970.0 tructions for E-300 large) art.no. 12.5	<pre>lectra 3000A'. t the voltage ind same as the volta tra! wing items: 3 for E-3000/E-30 3 for E-3000/E-30 3 for E-3000/E-30 00/E-3000A 50.20, containing</pre>	licated on the ^f covering age in your home. If this 000A 000A <u>for USA/CDN</u> 000A <u>for Australia</u>
- Open plat is n - The 1 1	eral informati the box (packing) the case, box (packing) electra 3000A Foot controll or Foot controll Operating ins Plastic bag (1 Plastic bag	on on fitting the e king) and check tha tra is exactly the do not use the elec contains the follo er art.no. 12.830.0 er art.no. 12.857.0 er art.no. 12.970.0 tructions for E-300 large) art.no. 12.5 art.no. 12.511.11	<pre>lectra 3000A'. t the voltage ind same as the volta tra! wing items: 3 for E-3000/E-30 3 for E-3000/E-30 3 for E-3000/E-30 00/E-3000A 510.20, containing VM-Connecting page</pre>	licated on the covering age in your home. If this 000A 000A <u>for USA/CDN</u> 000A <u>for Australia</u> 1: arts for RT-63/RT-80/DM cts <u>necessary only for</u>
- Open plat is n - The 1 1	eral informati the box (packing) the case, box (packing) electra 3000A Foot controll or Foot controll Operating ins Plastic bag (1 Plastic bag	on on fitting the e king) and check tha tra is exactly the do not use the elec contains the follo er art.no. 12.830.0 er art.no. 12.857.0 er art.no. 12.970.0 tructions for E-300 large) art.no. 12.5 art.no. 12.511.11 art.no. 12.512.01	<pre>lectra 3000A'. t the voltage ind same as the volta tra! wing items: 3 for E-3000/E-30 3 for E-3000/E-30 3 for E-3000/E-30 00/E-3000A 510.20, containing VM-Connecting page</pre>	Dicated on the ¹ covering age in your home. If this 000A 000A <u>for USA/CDN</u> 000A <u>for Australia</u> 1: Arts for RT-63/RT-80/DM
- Open plat is n - The 1 1	eral informati the box (packing) the case, box (packing) electra 3000A Foot controll or Foot controll Operating ins Plastic bag (1 Plastic bag 1 Driver for	on on fitting the e king) and check tha tra is exactly the do not use the elec contains the follo er art.no. 12.830.0 er art.no. 12.857.0 er art.no. 12.970.0 tructions for E-300 large) art.no. 12.5 art.no. 12.511. <u>11</u> art.no. 12.512.01 cam box art.no.	<pre>lectra 3000A'. t the voltage ind same as the volta tra! wing items: 3 for E-3000/E-30 3 for E-3000/E-30 3 for E-3000/E-30 00/E-3000A 510.20, containing VM-Connecting par VM-Fastening par </pre>	licated on the covering age in your home. If this 000A 000A <u>for USA/CDN</u> 000A <u>for Australia</u> 1: arts for RT-63/RT-80/DM cts <u>necessary only for</u>
- Open plat is n - The 1 1	eral informati the box (packing) the case, box (packing) electra 3000A Foot controll or Foot controll Operating ins Plastic bag (1 Plastic bag 1 Driver for	on on fitting the e king) and check tha tra is exactly the do not use the elec contains the follo er art.no. 12.830.0 er art.no. 12.857.0 er art.no. 12.970.0 tructions for E-300 large) art.no. 12.511.11 g art.no. 12.511.11 g art.no. 12.512.01 cam box art.no. art.no. ""	<pre>lectra 3000A. t the voltage ind same as the volta tra! wing items: 3 for E-3000/E-30 3 for E-3000/E-30 3 for E-3000/E-30 0/E-3000A 10.20, containing VM-Connecting par 12.514.12</pre>	licated on the covering age in your home. If this 000A 000A <u>for USA/CDN</u> 000A <u>for Australia</u> 4: arts for RT-63/RT-80/DM cts <u>necessary only for</u> <u>RT-80</u>
- Open plat is n - The 1 1	eral informati the box (packing) electra 3000A Foot controll or Foot controll Operating ins Plastic bag (1 Plastic bag 1 Driver for 2 Angular bra	on on fitting the e king) and check tha tra is exactly the do not use the elec contains the follo er art.no. 12.830.0 er art.no. 12.857.0 er art.no. 12.970.0 tructions for E-300 large) art.no. 12.51 art.no. 12.511.11 g art.no. 12.511.01 cam box art.no. exer compl. " "	<pre>lectra 3000A'. t the voltage ind same as the volta tra! wing items: 3 for E-3000/E-30 3 for E-3000/E-30 3 for E-3000/E-30 00/E-3000A 10.20, containing VM-Connecting par 12.514.12 12.535.13</pre>	licated on the covering age in your home. If this 000A 000A <u>for USA/CDN</u> 000A <u>for Australia</u> 4: arts for RT-63/RT-80/DM cts <u>necessary only for</u> <u>RT-80</u>
- Open plat is n - The 1 1	eral informati the box (packing) electra 3000A Foot controll or Foot controll Operating ins Plastic bag (1 Plastic bag 1 Driver for 2 Angular bra 1 Ratchet lev	on on fitting the e king) and check tha tra is exactly the do not use the elec contains the follo er art.no. 12.830.0 er art.no. 12.857.0 er art.no. 12.970.0 tructions for E-300 large) art.no. 12.510 art.no. 12.511.11 g art.no. 12.511.11 g art.no. 12.512.01 cam box art.no. ucket compl. " " compl. " "	<u>lectra 3000A</u> . t the voltage ind same as the volta tra! wing items: 3 for E-3000/E-30 3 for E-3000/E-30 3 for E-3000/E-30 0/E-3000A 10.20, containing VM-Fastening par 12.514.12 12.535.13 12.559.03 (for	licated on the covering age in your home. If this 000A 000A <u>for USA/CDN</u> 000A <u>for Australia</u> 4: arts for RT-63/RT-80/DM cts <u>necessary only for</u> <u>RT-80</u>

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6. <u>At</u> t	aching t	he electra to stan	d RT-63	1
		and 8 apply only the stand RT-63.	to attaching the	1
2 a	art.no. 1	2.535.13 Angular b	racket (1)	
	be mount			
4 a 4 2	. 90	0.413.61 Cylinder 0.700.51 Spring wa 2.991.02 Fixing pl	sher M 4 (3)	
				2
		A Star		
				3-2-2
\sim		<u>RT-63</u>		4
\sum			THE	1
	·			
	Let .			1
	//			
•	4			
			nd RT-63 and use the two o e machine towards you.	clamps to fix
			nto the machine, racking s	set to 0, and
r	acking ha	andle down (see ske	etch).	
		▼		
	(3 2 1 0 1 2	3	
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. - Flace stand RI-80 with machine upright on the floor.

- Insert racking handle into the machine and set racking to 0, acc. to sketch given for point 7.

	ANLEITUNG	INSTRUCTION	INSTRUCTION	INSTRUCCION	
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	the protecti has to be un intend to fi	d to fit the electra ng plate (1) art.no screwed, according (t the protecting pla ting with point 12.	. 16.962.02 on nee to sketch below. I	dle bed back f you do not	
	If you inten also to be f	d to fit again the p followed.	protecting plate,	b and c have	
			8 8 8	1	
	b) On protectir acc. to sket		on the right-hand	side, cut off 2 slit	s,
		S.	P	ŕ	
		4	121		
F	c) Screw on aga sketch below	ain protecting plate W.	(1) with the two	screws 2, acc. to	
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	ANLEITUNG INSTRUCTION INSTRUCTION INSTRUCCION	
		<u> </u>
12.	Fitting the electra on DUOMATIC-80, DUOMATIC-S and TRICOMAT-32	
	Attention:	
a)	For DUOMATIC-80 with a serial-no. between 3'005'001 and 3'175'000 as well	ll a
	0001-0700, you have to continue fitting with point 13. Otherwise continu	Je
	fitting at b. You wil find the serial-no. on the machine on the side pla right-front and left-back.	ate
	Light from and fell-back.	
b)	Screw on racking plate compl. (1) art.no. 12.985.01 on the machine, acc.	
	to sketch below.	
	If parts have fallen off on racking plate compl. (1) during transportati	lon,
	the racking plate compl. can be assembled again, acc. to paragraph c).	
	· ·	
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c)	Assembling of racking plate compl. (1) art.no. 12.985.01, if parts have faller off acc. to sketch below	
c)	Assembling of racking plate compl. (1) art.no. 12.985.01, if parts have fallen off, acc. to sketch below.	
c)	fallen off, acc. to sketch below. 1 x art.no. 12.986.02 Racking plate (5)	
c)	<pre>fallen off, acc. to sketch below. 1 x art.no. 12.986.02 Racking plate (5) 2 x " " 90.302.22 Countersunk screw M 3x6 (2)</pre>	
c)	<pre>fallen off, acc. to sketch below. 1 x art.no. 12.986.02 Racking plate (5) 2 x " " 90.302.22 Countersunk screw M 3x6 (2) 2 x " " 16.825.02 Special spring washer (3) 2 x " " 16.823.02 Spacing bush (4)</pre>	
c)	<pre>fallen off, acc. to sketch below. 1 x art.no. 12.986.02 Racking plate (5) 2 x " " 90.302.22 Countersunk screw M 3x6 (2) 2 x " " 16.825.02 Special spring washer (3) 2 x " " 16.823.02 Spacing bush (4) 2 X " " 90.768.71 Washer (red) (6)</pre>	from
c)	<pre>fallen off, acc. to sketch below. 1 x art.no. 12.986.02 Racking plate (5) 2 x " " 90.302.22 Countersunk screw M 3x6 (2) 2 x " " 16.825.02 Special spring washer (3) 2 x " " 16.823.02 Spacing bush (4) 2 x " " 90.768.71 Washer (red) (6) Reserve parts f plastic bag</pre>	fron
c)	<pre>fallen off, acc. to sketch below. 1 x art.no. 12.986.02 Racking plate (5) 2 x " " 90.302.22 Countersunk screw M 3x6 (2) 2 x " " 16.825.02 Special spring washer (3) 2 x " " 16.823.02 Spacing bush (4) 2 x " " 90.768.71 Washer (red) (6) Reserve parts f </pre>	from
c)	<pre>fallen off, acc. to sketch below. 1 x art.no. 12.986.02 Racking plate (5) 2 x " " 90.302.22 Countersunk screw M 3x6 (2) 2 x " " 16.825.02 Special spring washer (3) 2 x " " 16.823.02 Spacing bush (4) 2 x " " 90.768.71 Washer (red) (6) Reserve parts f plastic bag</pre>	fron
c)	<pre>fallen off, acc. to sketch below. 1 x art.no. 12.986.02 Racking plate (5) 2 x " " 90.302.22 Countersunk screw M 3x6 (2) 2 x " " 16.825.02 Special spring washer (3) 2 x " " 16.823.02 Spacing bush (4) 2 x " " 90.768.71 Washer (red) (6) Reserve parts f plastic bag</pre>	from
c)	<pre>fallen off, acc. to sketch below. 1 x art.no. 12.986.02 Racking plate (5) 2 x " " 90.302.22 Countersunk screw M 3x6 (2) 2 x " " 16.825.02 Special spring washer (3) 2 x " " 16.823.02 Spacing bush (4) 2 x " " 90.768.71 Washer (red) (6) Reserve parts f plastic bag</pre>	from
c)	<pre>fallen off, acc. to sketch below. 1 x art.no. 12.986.02 Racking plate (5) 2 x " " 90.302.22 Countersunk screw M 3x6 (2) 2 x " " 16.825.02 Special spring washer (3) 2 x " " 16.823.02 Spacing bush (4) 2 x " " 90.768.71 Washer (red) (6) Reserve parts f plastic bag</pre>	from
c)	<pre>fallen off, acc. to sketch below. 1 x art.no. 12.986.02 Racking plate (5) 2 x " " 90.302.22 Countersunk screw M 3x6 (2) 2 x " " 16.825.02 Special spring washer (3) 2 x " " 16.823.02 Spacing bush (4) 2 x " " 90.768.71 Washer (red) (6) Reserve parts f plastic bag</pre>	from
c)	<pre>fallen off, acc. to sketch below. 1 x art.no. 12.986.02 Racking plate (5) 2 x " " 90.302.22 Countersunk screw M 3x6 (2) 2 x " " 16.825.02 Special spring washer (3) 2 x " " 16.823.02 Spacing bush (4) 2 x " " 90.768.71 Washer (red) (6) Reserve parts f plastic bag</pre>	

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13. a)	Put the electra	a on a work table, a	cc. to sketch A be	low.	
b)		(RT-63) the support w) A+B. The necessar			
c)		(RT-80) the support w) A+C. The necessar			
d)	Only with stand	<u>1-80</u> (RT-80):			
		A, loosen the two s no. 12.987.01 and m to the left.			
	2 x " " 12 2 x " " 12	.050.03 Support for .551.02 Spec. hexag .553.02 Distance tu	on screw M 4x20 be D 5/13x11	(1) (2) (3))
	2 x " " 90	.640.17 Wing nut M	4	(4)	
		A ·	I	6 /\	
	(nt)			O OF	
		~ 410		5 i	
с х	With stand-63	(RT-63)	With sta	nd-80 (RT-80)	
	B *~	, A	С		
		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	3		
	5				
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22 616	62/0				

		SER	VICE	ele	ctra	3000	Α
	ANLEITUN	G	INSTRUCTION	INSTR	UCTION	INSTRUCCI	DN
	serial-no	. between	alid <u>only</u> for 3'005'001 an machines you	a 3'175'000	as well as	s 0001-0700.	
	••				•		•
		Ll wash	pl. (1) art.n ers (red) and (6) and (4) i	the two sp	acing bush	es.	
	- From plastic them on to a		e the two spe ng plate, <u>acc</u>			ew	
	- On both scre projecting			4) oil slig	htly the	1	<b></b>
	- Continue fi	tting wit	th point 15.				
				,			
	2 x " " 90 2 x " " 16	.302.22 .825.05	Racking plate Countersunk s Special sprin Special nut M	crèw M 3x6 g washer	(5) (2) (3) (4)	4 	<b>\$</b>
	2 X 12	.990.02	Special nuc h		(-)	Reserve plastic 12.511	
		. ,			· · · · · · · · · · · · · · · · · · ·	<u> </u>	
		Ø	-21		-	Ĺ	
)	.4						
OM 17	6			<b>O</b>			
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		15	Ø.		·		
	V						
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For all other machines you have to continue fitting with point 16.







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	SERVICE	electra	
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connect to on the too	o the electra by pre- othed belt as shown	ver for cam box) on the essing the slider (1) in in the sketch below. Achine and connect to ca	to the clutch
•			
- Plug main - The elect operating - Before ac acquainte	s plug into wall so ra is now ready for instructions. tually knitting wit	use by following the e h the electra, become f ing it without wool and	ully
2. On the nex is shown:		the following accessori	es to the electra
	- Forma		
	- Lamp		
	- MFS-80 a	and MFS-72 (Multiple yar	n guide)
			m in the instruction

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- <u>Check the correct functioning</u> of the FORMA (without the electra) by moving the cam box back and forth a few times. Should the distance between the FORMA and the cam box back not be correct, adjust as follows: Slightly loosen the 2 wing nuts (6), find the right distance, and tighten the wing nuts (6) again.



## electra 3000 A

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#### 24. Attaching the Lamp to the electra

- Unscrew the 4 screws and nuts on the Lamp foot.
- If your Lamp does not have the 2 big holes ( $\emptyset$  4,3 mm), drill them as follows:

Acc. to the sketch, on the axle of the existing holes measure 40 mm from the edge and mark. Now drill the 2 additional holes of 4,3 mm  $\emptyset$  using a twist drill.

- Assemble the Lamp acc. to sketch using the following parts which are already attached to the electra:

2 x art.no. 12,552.02 Special hexagon screw M 4x10 (1)

2 x art.no. 90.640.17 Wing nut M 4



	•	SERVICE	elec	tra	3000 A
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25.	Attaching	the MFS-80 or MFS	-72 to the electra:	:	
-			es not yet have the es have to be drill		
-	Using a tv	wist drill of 4,3	stances on the lowe mm $\emptyset$ , drill the 2 h gh both metal piece	oles.	er (1).
· _	Fit the lo	ower carrier (1)ac	c. to sketch using	the foll	lowing parts:
		. –	cial hexagon screw agon nut M 4		<ul><li>(2) (already attached)</li><li>(3) (from plastic bag)</li></ul>
	the		mm, as indicated in r carrier (1) is ne ed <u>back</u> .		
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		300	La Participa de la Carteria de la Ca		and the second se
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