

## Product features

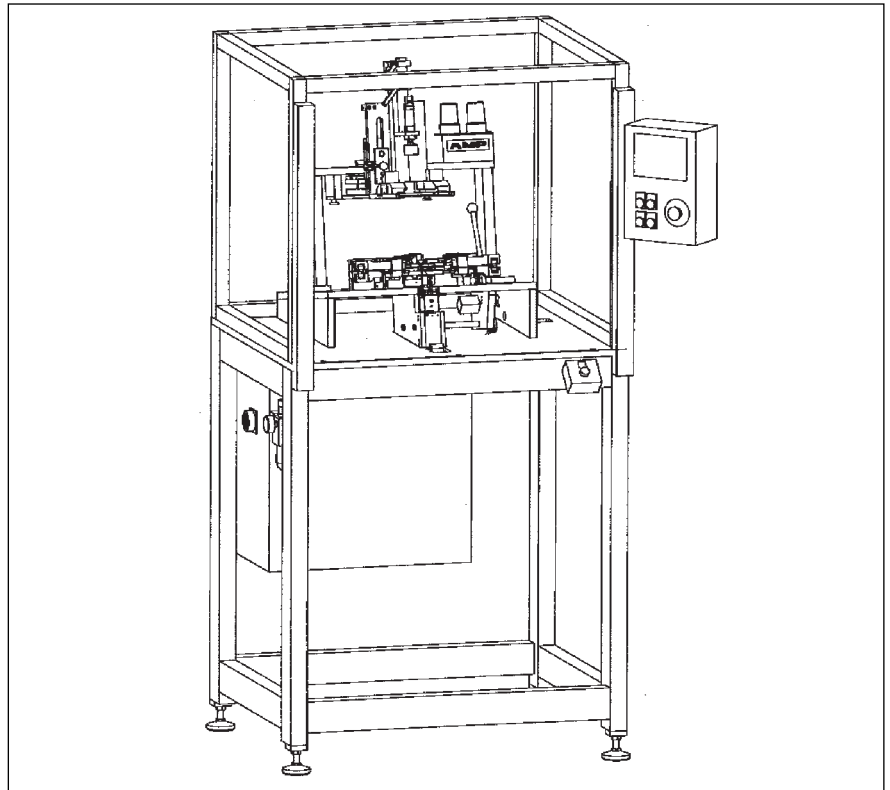
- Manual loaded assembly machine
- Connects harness of Brake Assistant with IDC connector
- Integrated test functions prior to termination plus functional test after termination
- Adaptation to various types through adapter plates
- Manual press-in of terminated connector in brake assistant housing

## Technical features

- Machine base: Base from structural bars
- Control: Siemens PLC
- Operator interface: Operator Panel with touch screen
- Noise level: <75 d(B) A
- Power supply: 230 V/50 Hz, 10A
- Compressed air supply: 5-8 bar
- Dimensions: length = 1000 mm  
width = 800 mm  
height = 2300 mm
- Weight: 280 kg
- Cycle time: <40 sec.

## AMP products which can be processed

- Terminates IDC connectors  
P/N 967171, 967172, 967401



This machine has been specially designed to connect different types of harnesses with MQC TS IDC-connectors with the connection of various types of brake assistants.

Manual exchange of adapter plates adopt the brake assistant fixture to the different types. The correct adjustment of the fixture is checked by the control.

The processing sequence includes the following operations: Manual loading of the brake assistant, automatically clamped. Manual loading of the harness. The harness is connected with a test device. Finally, the five connecting leads, hanging out of the brake assistant, are positioned in a cable comb. The colour of the leads determine their position in the comb.

The automatic cycle is started with the hand start buttons. Before the leads are pressed into the IDC contacts of the MQC connector, needles pierce the insulation and check the correct positioning while the brake assistant is activated by a cylinder. If the leads are correctly positioned, the leads are cut to length and are pressed into the IDC contacts.

While the cylinder is activating the brake assistant again, the correct function is checked through the now connected harness. If the test is o.k. the operator can press the IDC connector into the housing of the brake assistant.

## The Americas

### Regional Center

Harrisburg, PA, U.S.A.  
Phone: +1-717-564-0100  
+1-800-522-6752  
FAX: +1-717-986-7575

### AMP S.A. Argentina C.I.Y.F.

Buenos Aires, Argentina  
Phone: +54-1-733-2000  
FAX: +54-1-717-0988

### AMP of Canada, Ltd.

Markham (Toronto)  
Ontario, Canada  
Phone: +1 905-475-6222  
FAX: +1 905-474-5520

### AMP do Brasil, Ltda.

São Paulo, Brazil  
Phone: +55-11-861-1311  
FAX: +55-11-861-0397

### AMP de Chile

Santiago, Chile  
Phone: +56-2-236-4267  
FAX: +56-2-235-0061

### LAEO Argentina C.I.Y.F.

Buenos Aires, Argentina  
Phone: +54-1-733-2015  
FAX: +54-1-733-2083

### AMP de Mexico, S.A.

Mexico City, Mexico  
Phone: +525-398-7611  
FAX: +525-398-7964

### AMP Packaging Systems

Austin, TX, U.S.A.  
Phone: +1-512-244-5100  
FAX: +1-512-244-7040

## Asia/Pacific

### Regional Center

Kawasaki, Japan  
Phone: +81-44-813-8502  
FAX: +81-44-813-8500

### Australian AMP Pty., Ltd.

Castle Hill, NSW 2154  
Phone: +61-2-9840-8200  
FAX: +61-2-9899-5649

### AMP India Pvt., Ltd.

Bangalore  
Phone: +91-80-841-0200  
FAX: +91-80-841-0210

### AMP Indonesia

Jakarta  
Phone: +6221-526-7852  
FAX: +6221-0526-7856

### AMP (Japan), Ltd.

Kawasaki  
Phone: +81-44-844-8111  
FAX: +81-44-812-3207

### AMP Korea, Ltd.

Seoul, South Korea  
Phone: +82-3274-0535  
FAX: +82-3274-0524

### New Zealand AMP, Ltd.

Auckland  
Phone: +64-9-634-4580  
FAX: +64-9-634-4586

### AMP Philippines Inc.

Makati City  
Phone: +632-811-0437  
FAX: +632-811-0441

### AMP Products (Malaysia) Sdn. Bhd.

Kuala Lumpur  
Phone: +603-705-3055  
FAX: +603-705-3066

### Peoples Republic of China

Hong Kong  
Phone: +852-2-35-1628  
FAX: +852-2-35-0243

### Shanghai

Phone: +86-21-6485-0602  
FAX: +86-21-6485-0728

### Shunde

Phone: +86-765-7751368  
FAX: +86-765-7752823

### AMP Singapore Pte., Ltd.

Singapore  
Phone: +65-482-0311  
FAX: +65-482-1012

### AMP Taiwan B.V., Taipei

Phone: +886-2-2325-0391  
FAX: +886-2-2325-0398

### AMP (Thailand), Ltd.

Bangkok  
Phone: +91-662-955-0500  
FAX: +91-662-955-0505

### Vietnam Ho Chi Minh City

Phone: +848-823-2546  
FAX: +848-823-1443

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### Regional Center

Stoke Poges, SL2 4JL England  
Phone: +44-1753-676-800  
FAX: +44-1753-676-801

### AMP Belgium

Zaventem (Brussels)  
Phone: +32-2-719-2511  
FAX: +32-2-725-4928

### Bulgaria, Sofia

Phone: +359-2-971-2152  
FAX: +359-2-971-2153

### Croatia, Zagreb

Phone: +385-1-67-04-46  
FAX: +385-1-69-16-04

### AMP Czech s.r.o., Kurim

Phone: +420-5-41-162-111  
FAX: +420-5-41-162-223

### AMP Danmark, Viby

Phone: +45-86-295-055  
FAX: +45-86-295-133

### AMP Deutschland GmbH

Bensheim, Germany  
Phone: +49-6251-1330  
FAX: +49-6251-133470

### AMP Elektrik-Elektronik

Baglantı Sistemleri Ticaret Ltd. Sti.  
Istanbul, Turkey  
Phone: +90-212-281-8181  
FAX: +90-212-281-8184

### Egypt, Cairo

Phone: +202-417-76-47  
FAX: +202-419-23-34

### AMP Española S.A., Barcelona

Phone: +34-3-291-0330  
FAX: +34-3-201-7879

### Estonia, Tallinn

Phone: +372-6205-800  
FAX: +372-6405-354

### AMP Finland Oy, Helsinki

Phone: +358-9-512-3420  
FAX: +358-9-512-34250

### AMP de France S.A.

Pontoise  
Phone: +33-1-3420-8888  
FAX: +33-1-3420-8600

### AMP of Great Britain, Ltd.

Stanmore Middlesex, England  
Phone: +44-181-954-2356  
FAX: +44-181-954-6234

### Greece, Athens

Phone: +30-1-902-5515  
FAX: +30-1-902-4237

### AMP-Holland B.V.

's-Hertogenbosch  
Phone: +31-73-624-6246  
FAX: +31-73-621-2365

### AMP Hungary Trading Kft

Budapest  
Phone: +36-1-344-2633  
FAX: +36-1-344-2634

### AMP Ireland, Ltd., Dublin

Phone: +353-1-820-3000  
FAX: +353-1-820-9790

### Israel, Tel Aviv

Phone: +972-3-649-1482  
FAX: +972-3-648-4041

### AMP Italia S.p.A.

Collegno (Torino) Italy  
Phone: +39-11-401-2111  
FAX: +39-11-403-1116

### Lithuania, Vilnius

Phone: +37-02-231-402  
FAX: +37-02-231-403

### AMP Norge AS, (Nesbru) Oslo

Phone: +47-66-77-88-50  
FAX: +47-66-77-88-55

### AMP Österreich Ges.m.b.H.

Wien (Vienna), Austria  
Internal Phone: (0222) 277-97-0  
FAX: (0222) 270-26 61  
Outside Phone: +43-1-277-97-0  
FAX: +43-1-270-26-61

### AMP Packaging Systems

Dublin, Ireland  
Phone: +353-1-806-6500  
FAX: +353-1-806-6501

### AMP Polska Sp.z.o.o.

Warszawa  
Phone: +48-22-672-47-90/91/92  
FAX: +48-22-672-47-88

### AMP Portugal, Lda., Lisbon

Phone: +351-1-387-70-16  
FAX: +351-1-387-71-72

### Romania, Bucharest

Phone: +40-1-311-3479/3596  
FAX: +40-1-312-0574

### Russia, Moscow

Phone: +7-095-926/  
5506/07/08/09  
FAX: +7-095-926-5505

### Slovakia, Bystrica

Phone: +421-88-761-120/121  
FAX: +421-88-761-122

### AMP d.o.o. in Slovenia

Ljubljana  
Phone: +386-61-161-3270  
FAX: +386-61-161-3240

### South Africa, Johannesburg

Phone: +27-11-805-65-35  
FAX: +27-11-805-65-40

### AMP Svenska AB

Stockholm-Jakobsberg  
Phone: +46-8-580-833-00  
FAX: +46-8-580-194-70

### AMP (Schweiz) AG

Steinach, Switzerland  
Phone: +41-71-447-0447  
FAX: +41-71-447-0444

### Ukraine, Kiev

Phone / FAX : +38-044-246-5501

### For Middle East/African Countries not shown

Phone: +33-1-34-20-83-83  
FAX: +33-1-34-20-86-09

## Related Business

### ARA – Applied Robotics and Automation

Rousset Cedex, France  
Phone: +33-4-42-29-1200  
FAX: +33-4-42-29-1212

### DSM Decolletage S.A. Saint-Maurice

Saint-Maurice, Switzerland  
Phone: +41-24-486-2486  
FAX: +41-24-486-2400

### HTS Division

Neunkirchen, Germany  
Phone: +49-2247-305-0  
FAX: +49-2247-305-122

### AMP M/A-COM Division

Americas  
Phone: +1-508-442-5000  
FAX: +1-508-442-5354

### Europe/Middle East/Africa

Phone: +44-1344-869595  
FAX: +44-1344-300020

### Asia/Pacific

Phone: +852-2111-8088  
FAX: +852-2111-8087

### AMP-SIMEL S.A.

Gevey - Chambertin, France  
Phone: +33-3-805-83200  
FAX: +33-3-8034-1015

INTERNET : <http://www.amp.com>

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