



Customer-specific Applications

Individual applications have been in demand ever since automatic wire processing was first introduced. Such needs may arise from having to use special conductor materials or from the associated processes and components. Moreover, in the past special applications have consistently evolved into standard processes. A good example of this is single core insulation in seal insertion. Komax has a professional team of specialists whose task is to take on board the consistently high demand for special applications in wire processing.

Komax Has Solutions for Simple and Complex Processes



Even in a challenging economic climate, demand for customized solutions is still very considerable. Niche products are a good opportunity for many customers to assert themselves on the market. With its great wealth of wire processing experience, Komax works together with its customers to develop specialized applications with high potential.

Marcel Wolfisberg Product Manager Applications

Customer needs and requirements vary tremendously, as these examples show:



- 1 Multipole cable
- 2 Terminal welding
- 3 Ultrasonic welding
- 4 Double crimping by ultrasonic welding
- 5 Earth lead processing

- 6 Terminal laser welding
- 7 Fibre glass insulation
- 8 Two-pole block loading
- 9 Coaxial cable processing
- 10 Processing solar cables by resistance welding



Photovoltaic applications



Shielded power cables



Coaxial and data cables

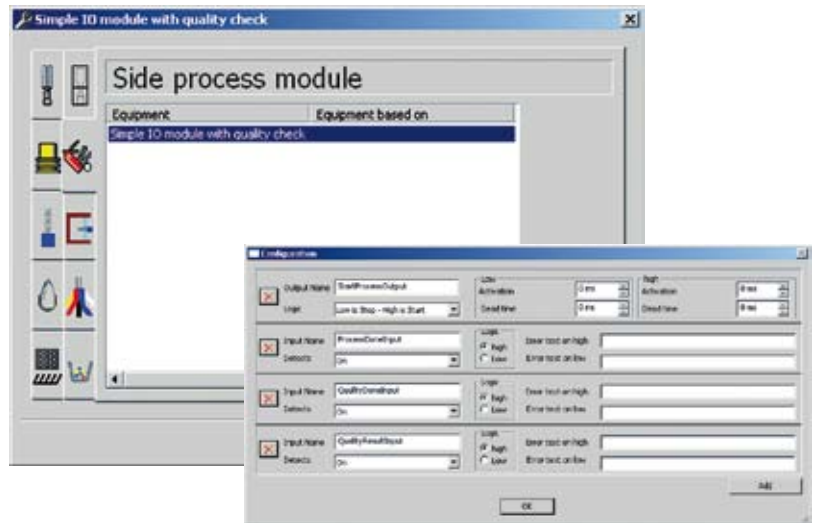
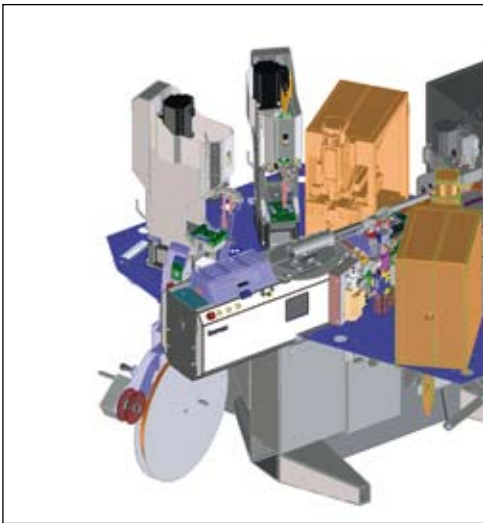


Airbag cables

A strong team

Drawing on customers' specific requirements, Komax's specialists prepare feasibility studies and the associated design proposals, functional modules and design descriptions, all accompanied by a detailed quote. Customers get their order to be dealt with on deadline all the way from testing with their

materials through to project implementation. The team comprises specialists in mechanics, electronics, software and marketing. Between them they have a wealth of experience in wire processing and application engineering.



Alpha 356 and Generic Module software:

With specially large mounting surface and full cover for several process modules. The Generic software can be used to integrate proprietary and third-party modules.



Zeta 633: Ultra-flexible standard base machine with wire sequencer and transfer unit to accommodate several process modules for simple and complex applications.



rps 150 transfer system: cassette transport system with short changeover times. Reliably accurate positioning, tool carrier feeding and lowering possible for reliable cable processing.

The perfect platform

Komax has installed a wide range of Komax standard machines with uniform platforms at its plant. These platforms provide the basis for the ongoing development of the machines in line with customers' specific requirements. Customers benefit from the standard features offered by the base machine. This has a positive effect on both costs and technical maintenance, while minimizing the process risk and ensuring that the base machine can be retooled for additional applications.

Are you facing a challenge? Please get in touch. We'll be happy to advise you.

YOUR BENEFITS:

- > Tailor-made customer-specific solutions
- > Use of Komax standard machines minimizes process risk
- > Existing equipment can still be used
- > Third-party modules can be simply integrated using the Generic Module software
- > Komax prepares design proposals, functional modules and process tests
- > One point of contact for the entire solution
- > Customers can call on Komax's great wealth of experience

Angola

Komax Portuguesa
PT-2785-034 S. Domingos de Rana
Phone 00351/21 444 8480
Fax 00351/21 444 8499
miguel.peres@komaxgroup.com

Argentina

El Proveedor S.R.L.
AR-Buenos Aires
Phone 0054/11 476 136 07
Fax 0054/11 476 136 07
nmatus@elprovedorsrl.com.ar

Australia

Suba Engineering PTY. LTD.
AU-2200 Bankstown N.S.W.
Phone 0061/297 900 900
Fax 0061/297 083 040
subasyd@suba.com.au

Austria

Thonauer GmbH
AT-1230 Vienna
Phone 0043/1 804 28 710
Fax 0043/1 804 28 7110
info@thonauer.at

Belarus

Asber
BY-220015 Minsk
Phone 00375/17 200 3423
Fax 00375/17 200 0496
info@asber.by

Belgium

Smans N.V.
BE-2300 Turnhout
Phone 0032/1442 4401
Fax 0032/1442 6072
smans@smans.com

Botswana

Komax SA (PTY) LTD.
ZA-6055 Port Elizabeth
Phone 0027/41 395 5800
Fax 0027/41 365 0138
info@komax.co.za

Brazil

Komax Comercial do Brasil LTDA
BR-06444-110 Barueri / São Paulo
Phone 0055/11 3028 1112
Fax 0055/11 4689 1221
paulo.araujo@komaxgroup.com

Bulgaria

Tekuni Eood
BG-1797 Darvenitsa/Sofia
Phone 00359/2 877 4596
Fax 00359/2 9753 032
tekuni@unitek-elektrik.com

Canada

Komax Corporation
US-Buffalo Grove, IL 60089-4507
Phone 001/847 537 6640
Fax 001/847 537 5751
info@komaxusa.com

China

Komax Shanghai CO. LTD.
CN-201108 Shanghai
Phone 0086/21 5175 5281
Fax 0086/21 5175 5286
andy.lau@komaxgroup.com

Beijing Office

Phone 0086/10 6460 8191
Fax 0086/10 6460 8174

Changchun Office

Phone 0086/431 5533 726
Fax 0086/431 5533 727

Guangzhou Office

Phone 0086/20 8511 8018
Fax 0086/20 3878 0400

Shandong Office

Phone 0086/631 5990 475
Fax 0086/631 5990 465

Croatia

Mikom D.O.O.
HR-49247 Zlatar Bistrica Hrvatska
Phone 00385/49 462 034
Fax 00385/49 461 839
mikom@mikom.hr

Czechia

Komax Deutschland GmbH
DE-90449 Nuremberg
Phone 0049/911 32 49 50
Fax 0049/911 32 49 550
matthias.klaus@komaxgroup.com

Denmark

Matech Systems ApS
DK-7190 Billund
Phone 0045/75 33 89 49
Fax 0045/75 33 89 46
smadsen@matechsystems.dk

Egypt

Sigma Group
EG-11361 Cairo
Phone 00202/2644 7245
Fax 00202/2642 3604
info@sigma-g.com

El Salvador

Komax Service Office
HN-San Pedro Sula
Cortes Honduras
Phone 001/9932 5200
guillermo.lopez@komaxgroup.com

Estonia

Gammeter OU
EE-76606 Keila
Phone 0037/2671 2251
Fax 0037/2671 2253
info@gammeter.ee

Finland

Gammeter OY
FI-33101 Tampere
Phone 00358/3380 2211
Fax 00358/3380 2244
info@gammeter.fi

France

Komax France
FR-93806 Epinay-sur-Seine
Phone 0033/14 940 1313
Fax 0033/14 940 1329
marc.guitton@komaxgroup.com

Komax France

FR-13106 Rousset
Phone 0033/4 4229 1200
Fax 0033/4 4229 1212
marc.guitton@komaxgroup.com

Germany

Komax Deutschland GmbH
DE-90449 Nuremberg
Phone 0049/911 32 49 50
Fax 0049/911 32 49 550
matthias.klaus@komaxgroup.com

AAT Aston GmbH

DE-90257 Nuremberg
Phone 0049/911 32 66 210
Fax 0049/911 32 66 299
info@aston.de

Great Britain

Contax LTD.
GB-Hants PO15 5SJ
Phone 0044/1489 88 58 08
Fax 0044/1489 88 55 53
pshorten@contax.co.uk

Honduras

Komax Service Office
HN-San Pedro Sula
Cortes Honduras
Phone 001/9932 5200
guillermo.lopez@komaxgroup.com

Hungary

Thonauer Kereskedelmi
HU-1113 Budapest
Phone 0036/1372 7700
Fax 0036/1372 7709
hungary@thonauer.net

India

Komax Automation India PVT. LTD.
IN-122016 Gurgaon
Phone 0091/124 4599 100
Fax 0091/124 4599 101
pradeep.kaura@komaxgroup.com

Indonesia

Komax Singapore PTE. LTD.
SG-368357 Singapore
Phone 0065/6285 9713
Fax 0065/6285 9714
larry.wee@komaxgroup.com

Iran

Contax Automation LTD.
IR-Tehran
Phone 0098/21 88 70 44 90
Fax 0098/21 88 70 24 88
pshorten@contaxautomation.com

Ireland

Kinetic Electronics LTD.
IE-Co. Offaly
Phone 00353/5793 21014
Fax 00353/5793 21014
sean@kinetic.ie

Israel

Tamir Engineering &
Development LTD.
IL-49170 Petach-Tiqva
Phone 00972/3922 9422
Fax 00972/3922 9411
tamireng@netvision.net.il

Italy

Cofilimacchine S.R.L.
IT-20046 Biassono (MI)
Phone 0039/039 232 41 25
Fax 0039/039 232 21 45
info@cofilimacchine.it

Japan

MCM Cosmic K.K.
JP-Tokyo 191-0062
Phone 0081/425 82 7911
Fax 0081/425 82 7922
info@mcmcosmic.co.jp

Korea

Hansung Tech CO. LTD.
KR-463-828 Kyunggi-Do
Phone 0082/31 781 3971
Fax 0082/31 781 3975
hin@hansungtech.co.kr

Latvia

Gammeter OU
EE-76606 Keila
Phone 0037/2671 2251
Fax 0037/2671 2253
info@gammeter.ee

Luxembourg

Smans N.V.
BE-2300 Turnhout
Phone 0032/1442 4401
Fax 0032/1442 6072
smans@smans.com

Malaysia

Komax KL
MY-58000 Kuala Lumpur
Phone 0060/37981 2662
Fax 0060/37987 8662
barron@pc.jaring.my

Komax Systems Malaysia Sdn. Bhd.

MY-11900 Penang
Phone 0060/4627 2233
Fax 0060/4627 2231
gerard.probst@komaxgroup.com

Mexico

Komax Corporation
US-El Paso, TX 79936
Phone 001/915 591 4551
Fax 001/915 591 5868
info@komaxusa.com

Montenegro

Mikom D.O.O.
HR-49247 Zlatar Bistrica Hrvatska
Phone 00385/49 462 034
Fax 00385/49 461 839
mikom@mikom.hr

Morocco

Komax Maroc
MA-20800 Mohammédia
Phone 00212/5 2330 5285
Fax 00212/5 2330 5173
fabien.molinier@komaxgroup.com

Netherlands

Smans N.V.
BE-2300 Turnhout
Phone 0032/1442 4401
Fax 0032/1442 6072
smans@smans.com

New Zealand

Suba Engineering PTV. LTD.
AU-2200 Bankstown N.S.W.
Phone 0061/297 900 900
Fax 0061/297 083 040
subasyd@suba.com.au

Nicaragua

Komax Service Office
HN-San Pedro Sula
Cortes Honduras
Phone 001/9932 5200
guillermo.lopez@komaxgroup.com

Norway

Adcontact AB
SE-17207 Sundbyberg
Phone 0046/8445 3600
Fax 0046/8445 3610
info@adcontact.se

Philippines

Neuftech Philippines INC.
PH-4027 Calamba Laguna
Phone 0063/49 545 4056
Fax 0063/49 545 4262
jdcntech@pltdsl.net

Poland

JP International
PL-02-743 Warsaw
Phone 0048/22 843 3566
Fax 0048/22 847 48 88
jpaint@jpaint.pl

Portugal

Komax Portuguesa
PT-2785-034 S. Domingos de Rana
Phone 00351/21 444 8480
Fax 00351/21 444 8499
miguel.peres@komaxgroup.com

Romania

SC Thonauer Automatic S.R.L.
RO-040151 Bucharest
Phone 0040/21335 5654
Fax 0040/21336 9534
sales@thonauer.ro

Russia

Ostec
RU-121467 Moscow
Phone 007/495 788 4444
Fax 007/495 788 4442
igor.volkov@ostec-smr.ru

Nek Ltd. (Nevskaya Elektronnaja

Kompanija)
RU-192102 St. Petersburg
Phone 007/921 940 1710
Fax 007/812 449 5240
fhf@spbnek.ru

Komax Moscow

RU-129301 Moscow
Phone 007/495 363 1358
Fax 007/495 363 1358
alexander.dolgopolov@komaxgroup.com

Serbia

Mikom D.O.O.
HR-49247 Zlatar Bistrica Hrvatska
Phone 00385/49 462 034
Fax 00385/49 461 839
mikom@mikom.hr

Singapore

Komax Singapore PTE. LTD.
SG-368357 Singapore
Phone 0065/6285 9713
Fax 0065/6285 9714
larry.wee@komaxgroup.com

Slovakia

Thonauer SPOL S.R.O.
SK-81339 Bratislava
Phone 00421/2527 33664
Fax 00421/2527 33665
info@thonauer.sk

Slovenia

Mikom-si D.O.O.
SI-3320 Velenje
Phone 00386/3 8919 310
Fax 00386/3 8919 311
mikom-si@siol.net

South Africa

Komax SA (PTY) LTD.
ZA-6055 Port Elizabeth
Phone 0027/41 395 5800
Fax 0027/41 365 0138
info@komax.co.za

Spain

Estanflux S.A.
ES-08027 Barcelona
Phone 0034/9 3351 6151
Fax 0034/9 3352 3845
comercial@estanflux.es

Sweden

Adcontact AB
SE-17207 Sundbyberg
Phone 0046/8445 3600
Fax 0046/8445 3610
info@adcontact.se

Switzerland

Komax AG, Dierikon
CH-6036 Dierikon
Phone 0041/41 455 04 55
Fax 0041/41 450 42 66
info.din@komaxgroup.com

Komax AG (branch)

CH-6343 Rotkreuz
Phone 0041/41 799 45 00
Fax 0041/41 799 45 01
info.rok@komaxgroup.com

Komax Systems LCF SA

CH-2300 La Chaux-de-Fonds
Phone 0041/32 925 72 22
Fax 0041/32 925 71 15
info.lcf@komaxgroup.com

Taiwan

Chain Year Industr. CORP.
RC-221 Taipei Hsien
Phone 00886/22 691 3568
Fax 00886/22 691 3586
chainart@ms19.hinet.net

Thailand

Diethelm Limited
TH-10310 Bangkok
Phone 0066/2254 4900
Fax 0066/2652 9417
kritsana.w@dksh.com

Tunisia

Reemi
TN-2000 Bardo
Phone 00216/71 222 811
Fax 00216/71 220 481
reemi@planet.tn

Turkey

Unitek Elektrik SAN. VE TIC.
LTD. STI.
TR-34852 Maltepe - Istanbul
Phone 0090/216 518 9440
Fax 0090/216 518 9436
info@unitek-elektrik.com

Ukraine

Wireworks
UA-79015 Lviv
Phone 0038/067 673 0314
Fax 0038/032 245 1193
komaxservice@mail.lviv.ua

USA

Komax Corporation
US-Buffalo Grove, IL 60089-4507
Phone 001/847 537 6640
Fax 001/847 537 5751
tim.maccalpine@komaxgroup.com

Komax Systems Rockford Inc.

US-Rockford, IL 61109
Phone 001/815 229 3800
Fax 001/815 229 5491
rich.andracki@komaxgroup.com

Komax Systems York Inc.

US-York, PA 17403
Phone 001/717 428 0 994
Fax 001/717 428 9 725
brian.micicche@komaxgroup.com

Vietnam

Ho Chi Minh City Office
Diethelm & CO LTD
VN-Ho Chi Minh City
Phone 0084/38 5121 334
Fax 0084/38 5121 335
tri.viet.trinh@dksh.com

Hanoi City Office

Diethelm & CO LTD
VN-Hanoi
Phone 0084/34 9424 725
Fax 0084/34 9424 730
huu.viet.nguyen@dksh.com

All other countries

Komax AG, Dierikon
CH-6036 Dierikon
Phone 0041/41 455 04 55
Fax 0041/41 450 42 66
info.din@komaxgroup.com