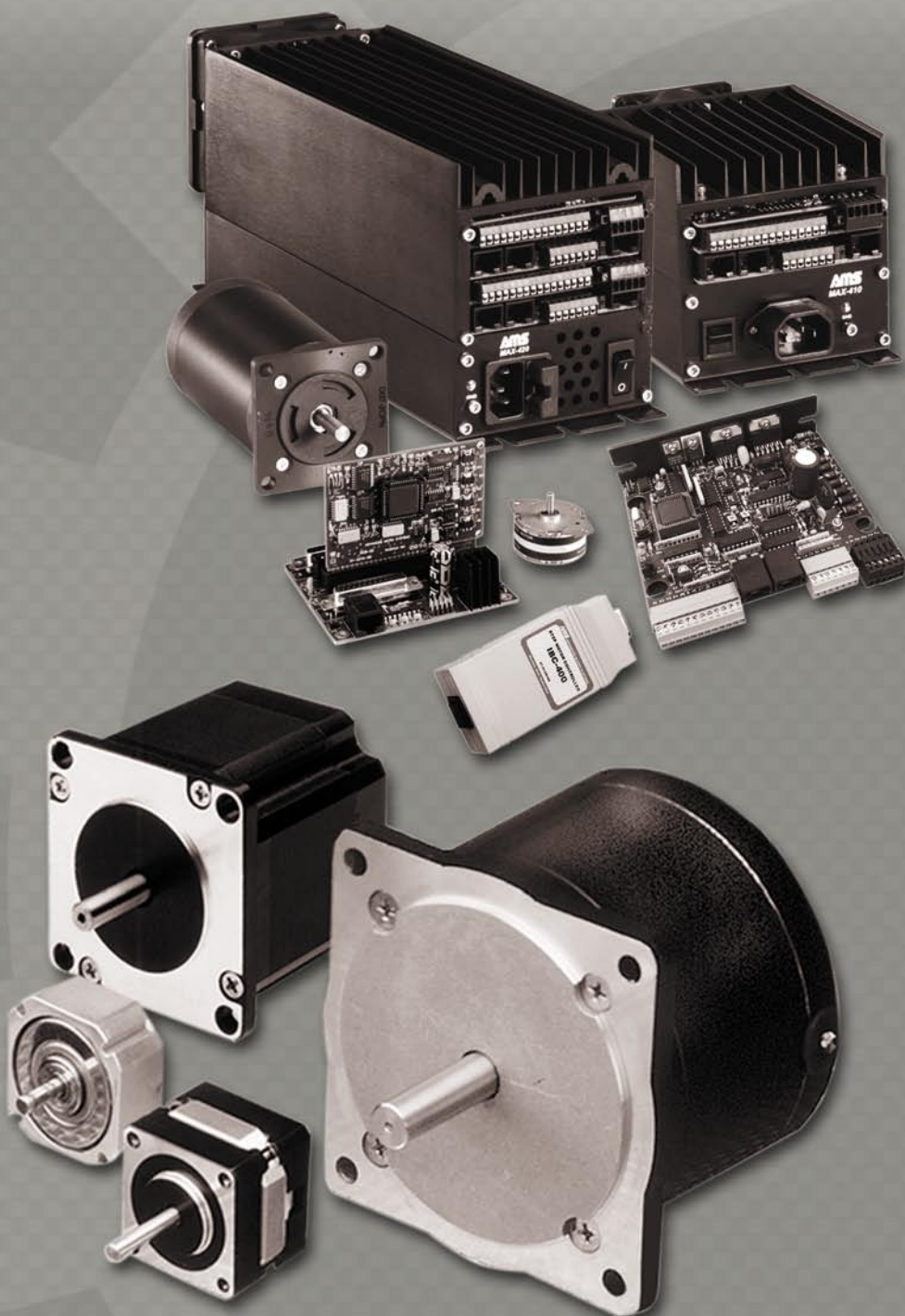




technology in motion



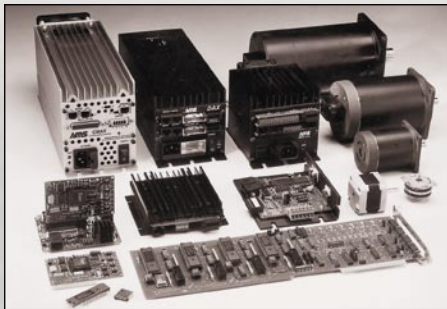
Step by step to the right solution

M.C.Technology provides a complete range of power transmission products. From components for integration into existing and new machines to complete control systems, custom built to a high level of reliability and flexible application.

CONTROL TECHNOLOGY

AMS. Advanced Micro Systems

AMS stepper motor drivers and controllers. Control positioning systems with microstep resolution settings up to 1/256. Motor outputs from 8Vdc at 0.85A to 160 Vdc at 8A.



Various low-cost 'open board' units to complete units with built-in power supply module, with KEMA CE/EMC quality mark (KEMA = Testing, Research and Engineering Consultants to the Electric Power Industry). Options available include: encoder interface, analogue input, oscillator, connection network of several units and tracking systems.

Atos Engineering

Controllers and complete control systems for stepper motors and servomotors. The various controllers are supplied in 19" format, PC card or in compact housings. Controls can be supplied for 1, 2, 4 and 8 axes. These control units are used in nearly



all branches of industry. For example, linear guides, measuring and regulating equipment and CNC milling machines. The main features are good programming possibilities and flexibility.

POWER TRANSMISSION

LIN Engineering

Stepper motors, encoders and gearboxes. The product range is from frame size 11 to 34 with a maximum torque of 10 Nm. Available in standard and high torque models, fitted with lead wires or fixed motor cable. High resolution motors with step angles of 0.45°, 0.9° or 1.8°.

Integrated drivers/controllers, special shaft ends and housings. Suitable for high temperatures and vacuum applications

EADmotors

2-phase bipolar and unipolar stepper motors. Frame size ranging from 17 to 42, with a maximum torque of 12 Nm. Fitted with lead wires or fixed motor cable. Options include: encoder, gearboxes, special shafts and adapted housings.



EADmotors; brushless DC motors

Fitted with Hall sensors and/or encoder. Frame size from 17 to 34. Maximum torque of ±3Nm. Voltage 24 to 160Vdc. Maximum speed 6000 rpm. For high speed Pick & Place, robot and linear systems. Can also be supplied as linear actuator.



sional stability, high strength, lubrication free, good electrical and thermal conductivity, easy to clean and high level of positioning accuracy. Additional options are coatings, passivation, product carriers and perforation patterns.

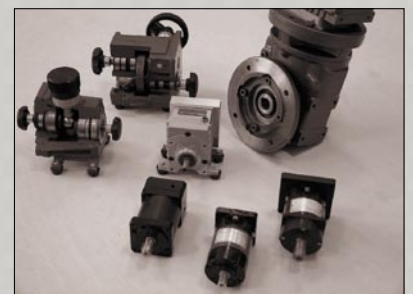
Heytec

Extensive series of gearboxes with and without motors. Ball and ring variators, gear wheel, flat, conical gearwheel, worm and planetary gearboxes. Standard or customized solutions. Frequency regulators, servomotors and controls. Maximum output torque 1500 Nm



Belt Technologies

Stainless steel strips and belts for transporting and precise positioning of products. Their characteristics make them extremely suitable for use in the food processing, chemical and semiconductor industries. Characteristics such as dimen



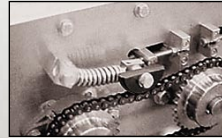
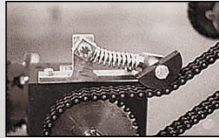
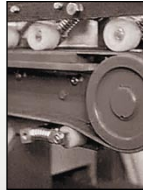
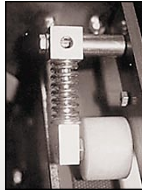
M.C.Technology also supplies a wide range of various standard components. These components are nearly always related to mechanical transmissions. E.g. gearboxes, variators, tensioning and spring elements and couplings.

COMPONENTS

Tecnidea

Tension and spring elements for various applications in all branches of industry. Damping, pressing, tensioning and guiding products.

Standard model is made of steel with coating. Options include: stainless steel model and/or in various colours. Gear wheels, pressure rollers or guide blocks.



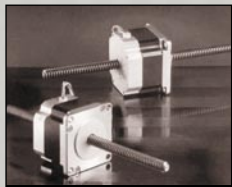
U.V.

Standard bellows and spring couplings and a comprehensive product range of safety couplings. Available with socket, clamp, clamping bush coupling, internal gearing, key way, divisible flange or completely divisible. Torque range from 25 Ncm to 1700 Nm. Customized solutions are also available.



LINEAR TECHNOLOGY

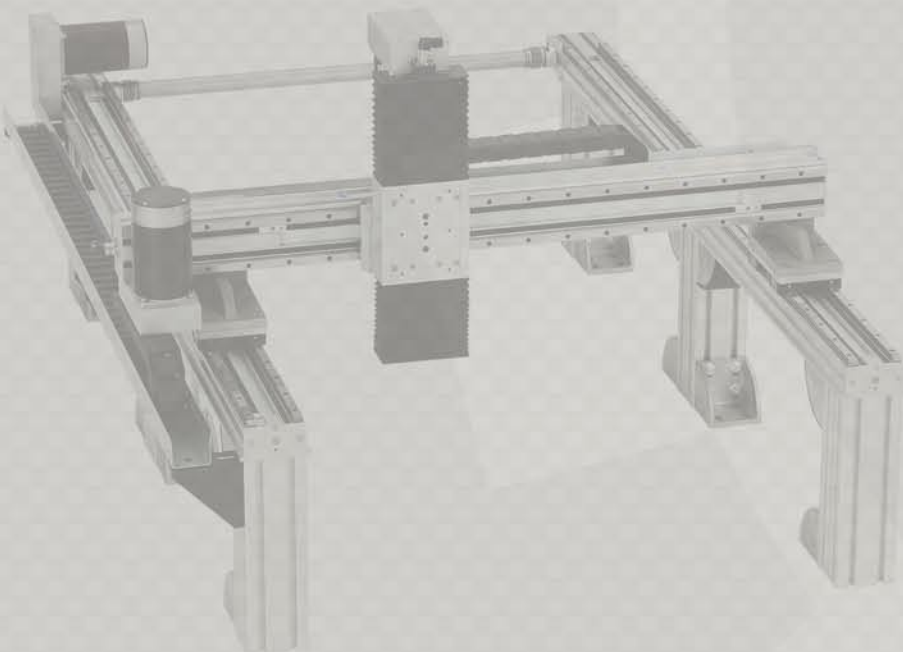
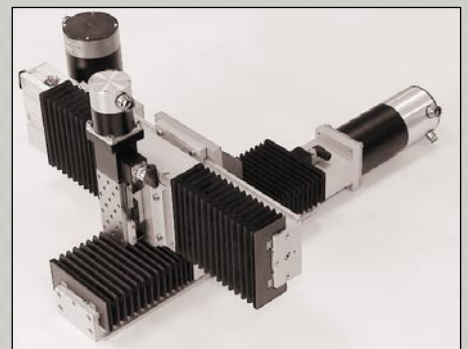
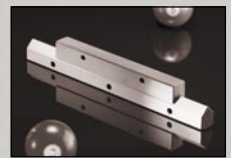
EADmotors; linear actuators



Internal nut means direct linear movement can be realised. With a 100% duty cycle, from frame size 17 to 34. Maximum compressive force 3500N. Maximum speed 500 mm/sec. Maximum length supplied is 1800 mm. Several actuators can run along one spindle. Available with 7 different spindle types, synthetic or bronze nuts and with encoder.

ERO Führungen

Wide product range of linear guides, rotating tables, guide rails and complete X, Y, Z systems. Manual or motor driven operation. Available with tooth belt, Acme or ball screw, tolerance free gearwheel or pneumatic transmission. Guides with Teflon, cross rollers, needle bearings or dovetail. Standard components or customized solutions.



M.C. Technology



- **AMS. Advanced Micro Systems**
- **Atos Engineering**
- **Belt Technologies**
- **EADmotors**
- **ERO Führungen**
- **Heytec**
- **Lin Engineering**
- **Motack**
- **Tecnidea Cidue**
- **U.V.**
- **Wema Electronic**



M.C. Technology
Buys Ballotstraat 11 (Industrial area Zandhorst II)
1704 SK Heerhugowaard

Tel.: +31 (0)72 - 5717821
Fax: +31 (0)72 - 5718461

E-mail: info@mctechnology.nl
Website: www.mctechnology.nl