„MultiServo connected, Motion APPs loaded, done. As efficient as it gets.“

MultiServo & Motion APPs
AMK MultiServo
Discover the new generation of AMK compact inverter modules.

AMK offers you a big boost in productivity and efficiency for your automation. Now you can make the control of servo axes even more multifunctional, precise, and cost-saving and up to 60 % more compact. The AMK MultiServo combines up to four servo axes and the power supply into a single module. This innovative solution can be scaled exactly to your requirements.

Let our experts advise you on how to obtain the maximum output for your objectives.

Benefits:
+ Up to 60 % space savings in the control cabinet compared to conventional systems
+ Reduced cabling costs
+ Easy and fast installation because only one housing has to be mounted
+ Flexible use of cooling systems: air-cooled or liquid cooled
+ Integrated safety function STO (expandable with functional safety)
+ Multifunctional encoder interface, including encoderless, optionally for asynchronous and synchronous motors
+ Application-optimized software and control for vibration damping
+ Prepared for a wide variety of communication interfaces and thus directly usable on different controllers
+ Easy adaptation via motion APPs

**Highlights**
- Numbers of axes: 2, 4 or more
- Power rating of axes: 1 kVA, 2 kVA, and 4 kVA
- Width of module for 4 axes with power supply: 130 mm
- Safety function: STO, expandable with functional safety
- Motion APPs for motion tasks
MultiServo & Motion APPs
Efficient Motion.

IOT/Industry 4.0 with its integration of industrial production and the latest communication technology increasingly determines the TCO (Total Cost of Ownership) of machines and equipment. Whether you have your motion profile performed by a central motion controller or distributed in the machine - AMK offers the perfect solution. The new AMK Motion APPs reduce engineering effort. At the same time flexibility increases and TCO decreases.

AMK Motion APPs
Standardized flexibility for Motion Control in the MultiServo

Ideal for quick and easy adaptation of AMK’s MultiServo to meet your application’s requirements. Load Motion APPs – done. It’s that simple.

Your Advantages:
+ Standardized Motion APPs for typical motion tasks: axis synchronization, print mark control, winder, cross cutter, electronic gearing, gantry and many more
+ Customized APPs possible:
  Supplied by AMK or yourself
+ Various fieldbus systems possible:
  Ethercat, Profinet, Varan, EthernetIP and OPC UA
+ Extensive Service APPs:
  Remote diagnostics, application help and condition monitoring
+ Motion APPs and Service APPs can be combined
+ Visualization options for any browser (HTML5)
+ Motion APPs can be loaded from APP-Collection