



UNIDRIVE M Overview

Unidrive M100
Unidrive M200
Unidrive M300
Unidrive M400
Unidrive M600
Unidrive M700
Unidrive M800

AC and Servo Drive Family for Manufacturing Automation

0.25 kW - 1.2 MW Heavy Duty
(0.33 hp - 1600 hp)
100 V | 200 V | 400 V | 575 V | 690 V

Find out more about the new
Unidrive M family at
www.UnidriveM.com

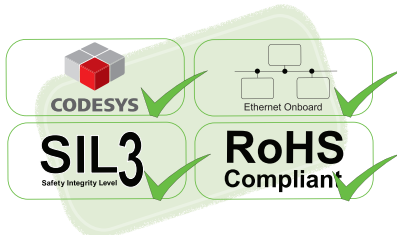


Scan to download the
'Discover Unidrive M' App
(available on the App StoreSM,
AndroidTM and online)

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Unidrive M – the Manufacturing Automation drive family tailored to customer needs

Unidrive M is designed specifically for Manufacturing Automation applications which is Control Techniques' traditional area of expertise. Led by the results of extensive customer-driven market research, we have tailored seven Unidrive M models to specific application needs identified within Manufacturing Automation, taking customer choice to new heights. Unidrive M is evolving the future of Manufacturing Automation with the latest drive technology which includes over 30 patents pending; a global achievement combining Control Techniques' worldwide Engineering & Design resource and product testing processes.



Key Unidrive M family benefits include:

Customer choice taken to new heights

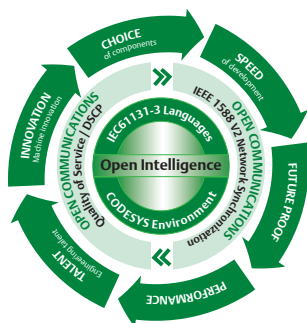
- Precise functionality to suit your needs – select from seven levels to optimize your time, design simplicity and investment
- Ultimate drive family for new customers – widest functionality, power choice and minimized dimensions for Manufacturing Automation applications

Intelligent Machine Architecture (IMA) – programmable control devices linked together through open standard Ethernet

- IMA enables the selection and easy integration of the world's best products into your machine design
- Accelerated machine development and innovation through integrated



industry standard
CODESYS (IEC 61131-3) for motion and PLC programming



World leading drive performance

- Increased throughput – exceptional motor control using standard induction, permanent magnet, servo and linear motors in open or closed loop configuration for total design flexibility
- Increased productivity through better machine control – onboard real-time Ethernet with hardware based Precision Time Protocol (IEEE 1588 V2) provides fast and flexible communications and synchronization

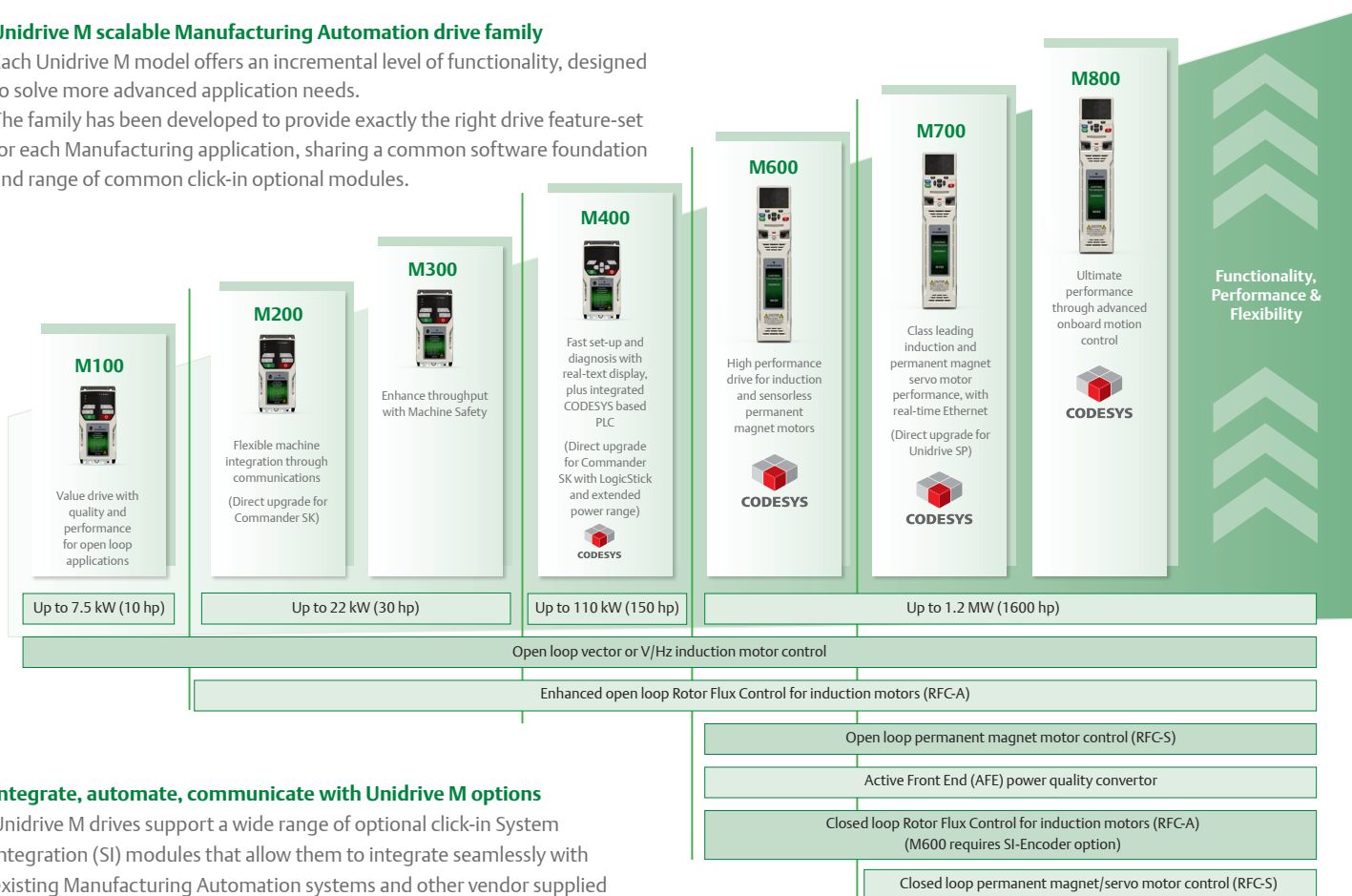
Ease of use

- Fast installation and start-up – intuitive keypads, software tools and easy cable management minimizes work
- Simple upgrade – fits existing mountings and cable connections, with trouble-free parameter transfer for existing Control Techniques' Unidrive SP and Commander SK users

Unidrive M scalable Manufacturing Automation drive family

Each Unidrive M model offers an incremental level of functionality, designed to solve more advanced application needs.

The family has been developed to provide exactly the right drive feature-set for each Manufacturing application, sharing a common software foundation and range of common click-in optional modules.



Integrate, automate, communicate with Unidrive M options

Unidrive M drives support a wide range of optional click-in System Integration (SI) modules that allow them to integrate seamlessly with existing Manufacturing Automation systems and other vendor supplied equipment. These include communications, I/O, feedback devices, enhanced safety features and onboard PLCs.

Control Techniques' high performance drives use a high speed parallel bus between the drive and SI modules which removes delays, improving the drive's reaction time. Communications interfaces are independently certified for conformance with the relevant standards to ensure performance and interoperability.



For more information visit www.controltechniques.com

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