Where Motion Matters

Make your machine faster, smarter, safer, and smaller with the motion control technology used by the world's leading OEMs.

Platinum by **Elmo**

See why we are different

Why Elmo

Innovation delivered

Our drives are in the field every day enabling the most technically demanding and mission critical applications, from semiconductors to space.

By engineers for engineers

Elmo exists because motion control is our passion. The only thing we're more passionate about is helping you get our drives into production.

The right drive for every application

With the largest catalog of compact, high performance servo drives and motion controllers, Elmo can drive any motor, with any feedback, on any bus.
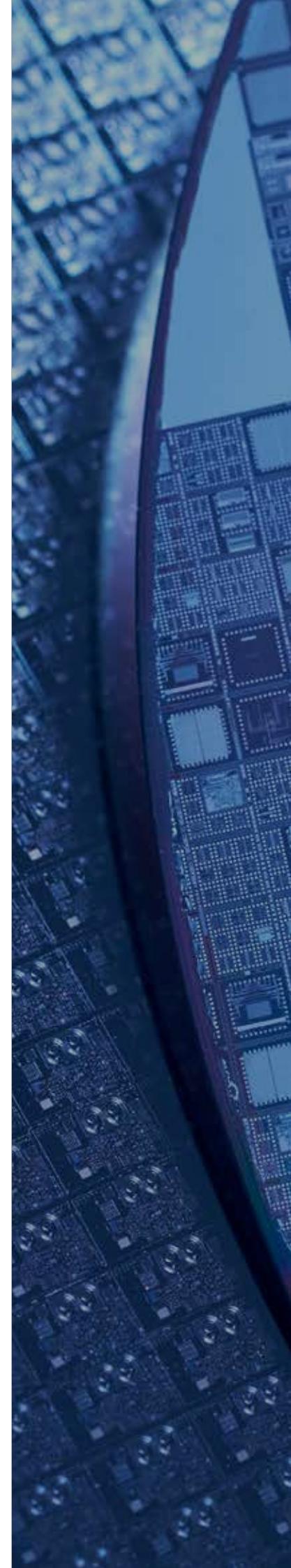
Any Motion. Any Application

Elmo motion control is designed for all types of industries for a wide range of applications including:

Life Sciences

AGV & Smart Warehouse

Industrial Automation
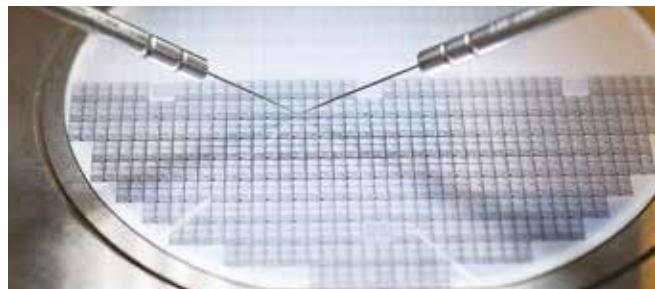
Semiconductor

Printing & Packaging

Extreme Environments

Robotics

Laser Cutting
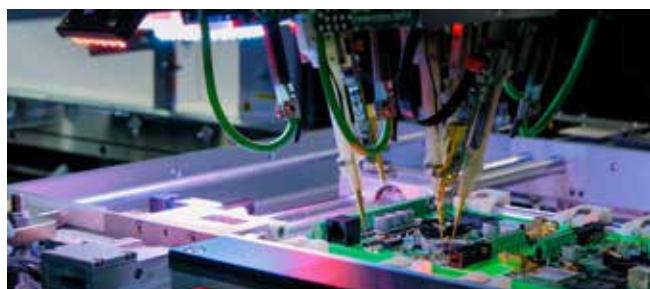
Electronics

Platinum
by Elmo

Platinum Line | Servo Drives

Platinum Bell

> Up to 25A/100V & 9A/200V
> Up to 2kW of Continuous Power
> Brushless, Stepper or 2 X Voice-Coil

Platinum Solo Bell
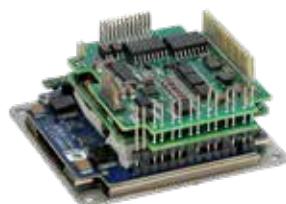
Platinum Bell

Platinum Quartet

> 4 X 5000W Servo Drives 4 Axes
> Motion Controller
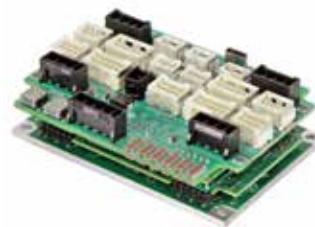
Platinum Solo Quartet

Platinum Quartet

Platinum Whistle

> Up to 25A/100V & 9A/200V
> Up to 2kW of Continuous Power

Platinum Solo Whistle

Platinum Solo Whistle with Safe I/O

Platinum Whistle

Platinum Twitter

> Up to 80A/80V & 30A/200V
> Up to 5.6kW of Continuous Power

Platinum Solo Twitter

Platinum Solo Twitter with Safe I/O

Platinum Twitter

Platinum by **Elmo**

Platinum Bassoon

> Up to 10A/230VAC

> Up to 3.25kW of Continuous Power

> Brushless, DC Brush, Linear Motors or Voice-Coil

NEW

Platinum Solo Triple Twitter

> Up to 270A/60V, 240A/80V, 210A/100V, 100A/200V

> Up to 17kW of Continuous Power

Platinum Harmonica

> Up to 50A/100V & 35A/200V

> Up to 2kW of Continuous Power

> Brushless, Stepper or 2 X Voice-Coil

Platinum String Quartet

> 4x 16A/400V Servo Drives

> Motion Controller

Platinum Cimbasso

> Up to 50A/800V

> Up to 5.6kW of Continuous Power

Platinum by **Elmo**

Platinum Line | Controller

Platinum **Maestro**

> Up to 256 axes of motion

> Advanced multi-axis control

> Motion without programming

> Enhanced field bus support

Platinum Maestro

Platinum Line | Software Tools

EASII (Elmo Application Studio)

> A software tool that walks you through implementation.

> Configures programs, maintains, and analyzes every feature and capability in Elmo's servo drives and motion controllers.

> Designers can easily implement specific motion control needs.

COMPOSER2®

> Unique software tool allowing engineers to execute their own designed software.

> A powerful tool enabling machine designers to easily develop, test and implement their own control algorithms.

> The composed code is cross-compiled and downloaded directly on the Platinum drives and motion controller for testing and executing in real-time environments.
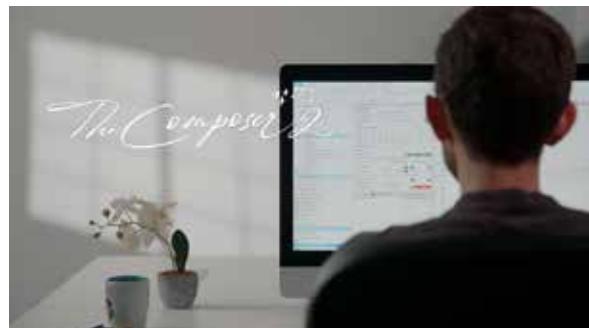
Platinum
by
Elmo

Platinum Technology Highlights

ULTRA-LOW LATENCY

Perfect machine synchronization

SMART SAFETY

Faster development

EAS II
Elmo Application Studio

Award winning settling times

4000:1
Wide Dynamic Rage

Optimally move any load

35X30MM
Miniture Modules

Mount anywhere

The Composer 2

Run your own algorithms from MATLAB

Fast and Soft Switching Technology

Smaller, more powerfull machines

256
Axes of Motion

Multi-axis capabilities

Enhanced Servo Performance > Faster • More responsive • Higher resolutions • Additional algorithms for better control

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Single Drive - Multi-Axis Control > Drive 2 from a single core, 3 & 4 axes on Platinum Quartet

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Enhanced EtherCAT Networking > Faster cycling • Full synchronization of EtherCAT to position, velocity and current loop • Negligible jitter • Near-zero latency

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Certified Safety, Functional Safety & FSoE > EN 61508 • EN 61800 • IEC 61784 up to SIL 3 CAT4 PLe over the network safety • Rich safety I/O • safety software

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Rich Feedback Support > More feedback support • Up to 3 simultaneously (of which 2 may be absolute) • Safe sensors support • One cable technology

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High Processing Power > Faster data handling • Larger memory • Enhanced processing • Real-time recorder

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Flexible Control Design > Implement your own control design • Elmo cloud technology (SIL - Software in-the-loop)

Platinum by **Elmo**

A Culture of Reliability

+35

Years pioneering motion control innovation

>2500

OEMs trust Elmo for their motion needs

>4.3M

Servo drives running 24/6 worldwide

Learn more at **elmomc.com**

SMART SAFETY

UL

TÜV SÜD
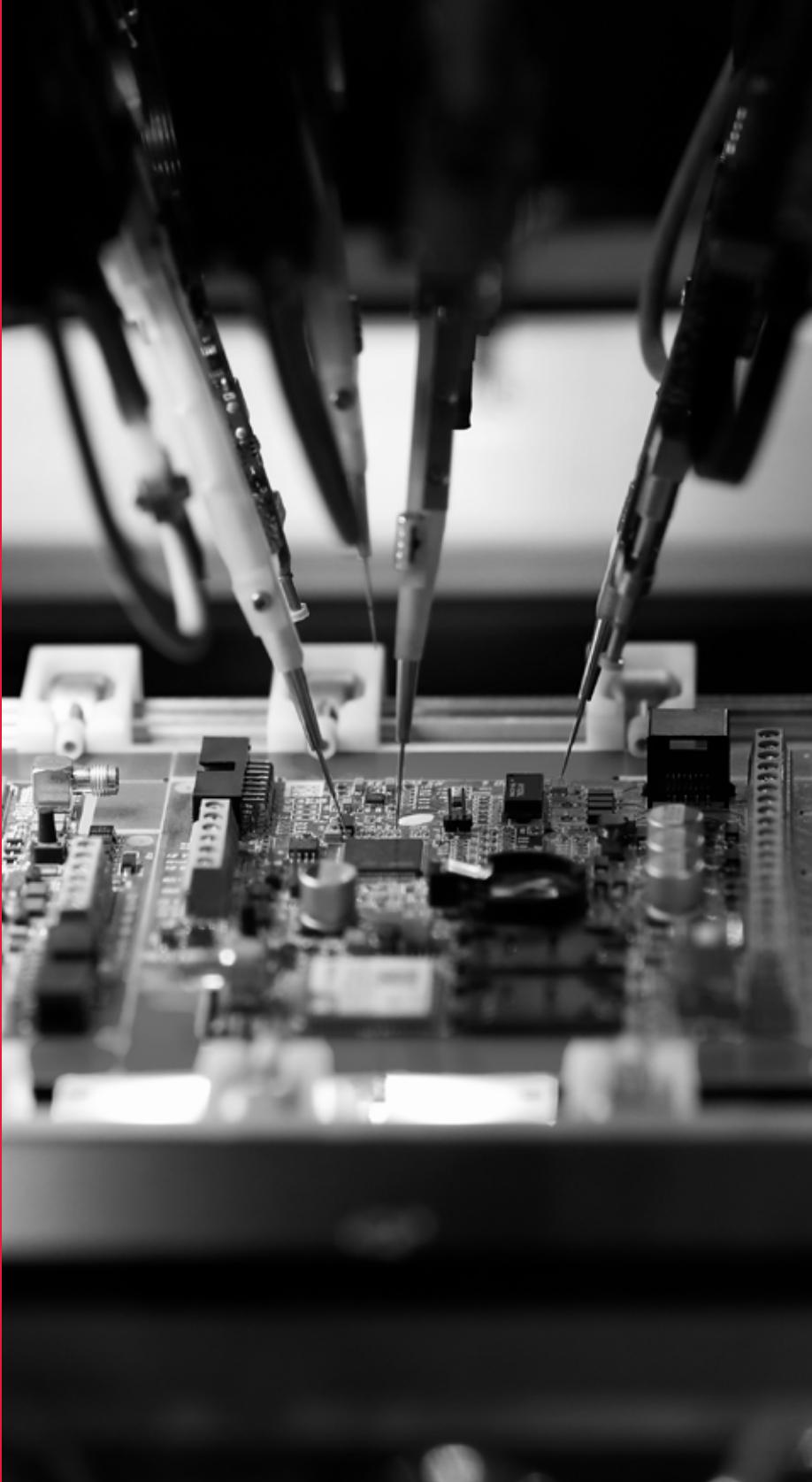
EtherCAT
Conformance tested

Any Motor

Any Feedback

Elmo
Motion Control