

Whistle Servo Family

The Unmatched Space Saver



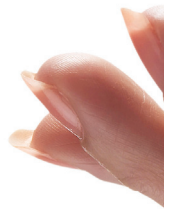
studio gold

Elmo
Motion Control

Compact enough to be mounted anywhere – in the motor, in the machine, or

Whistle 20A/100V Highlights

- Intelligent *SimplIQ* core motion control technology
- Highest density of Power and Intelligence in a miniature package
- Up to 3.3 kW of peak power
- Delivers up to 20 Amps of continuous current, (40Apeak) 100 VDC
- Advanced Motion Control capabilities
- PCB mounted to integrate directly into the PCB of the application
- A single DC bus power supply can power multiple Whistles



ie, on the load or any moving part

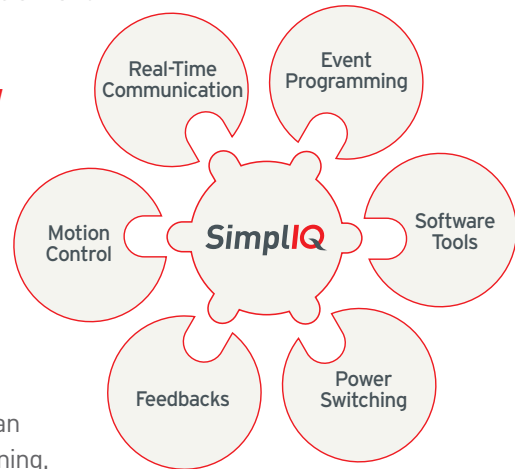


The Servo Drive that's Small, Smart and Simple

Elmo Motion Control's Whistle is a series of intelligent miniature digital servo drives for DC brush and brushless motors, linear motors and voice coils. The matchbox-sized servo drive weighs only 1.8 oz (50 g) and supports **up to 20 amps** of continuous current, 100 VDC. Its high density allows the drive to deliver a peak of **3300W of peak power** and **1650W of continuous power**. The drive operates on DC power. The Whistle is a PCB mounted device which enables an efficient and cost saving implementation.

SimpliIQ Core Motion Control Technology

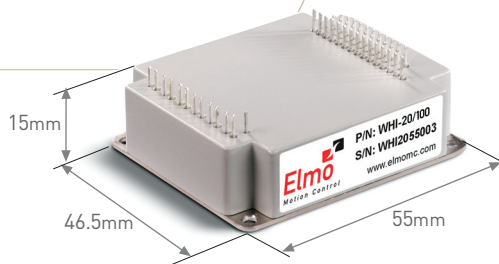
Based on Elmo's **SimpliIQ** core motion control technology, the Whistle benefits from advanced programming capabilities, rich set of feedbacks, versatile power capabilities and communication support. The Whistle is capable of operating in position, velocity and current modes and contains a wide range of feedback and I/O options. By using Elmo's software, users can easily perform drive setup, configuration, tuning, analysis and programming.



Applications

SimplIQ Whistle Servo Family Applications

- Robotics
- Semiconductor production
- Lab automation
- Electronic assembly
- Entertainment
- Machine tools
- Packaging
- Wood processing
- Textiles
- Medical and pharmaceutical instruments
- Printing/Converting
- Sorting
- Material handling



Whistle Family of Servo Products

Integrated Solutions

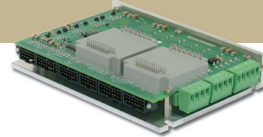
Solo Whistle

Offers a helpful interface to connect a single Whistle directly to the application.



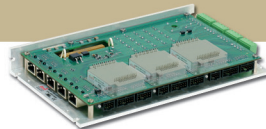
Duo Whistle

The power of 2 Whistles in a single solution.



Trio Whistle

The power of 3 Whistles in a single solution.



Whistle Evaluation Board

Evaluation board for the Whistle delivered with standard terminal blocks for power connections, D-sub plugs/sockets for signal connections, and complete set of cables for connecting to the board.



Duet Drive-Motor Combination

Fully integrated compact brushless DC servo motors contains a built-in Whistle with Elmo's **SimpliIQ** core motion control technology.



Heat Sink

When needed at high duty cycles.



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