

# DC Drives - Integrator Series

DC590+ Series 2

## Features and Benefits

### Easy to use operator controls

- Detailed diagnostics
- Multi-language display

### Advanced autotuning

### Standard open fieldbuses



### Configurable input-output terminal blocks

- 5 analog inputs
- 3 analog outputs
- 9 digital inputs
- 3 digital outputs



### Macro function blocks

- Open-loop winder control
- Winder control - loadcell/dancer
- Section control
- Maths functions
- Embedded controller functions



### Rapid Commissioning, optimal control performance and easy maintenance

With its self-tuning algorithm, the DC590+ can be configured and commissioned within minutes, without turning the motor and without the need for high levels of engineering know how. The operator interface allows easy monitoring of machine operation and simplifies maintenance.

### Easy integration into existing control networks

The DC590+ has a wide choice of common industry fieldbus communication options allowing seamless integration into existing factory control networks

### Interfacing with existing external control equipment (Dancer, gauge, etc...)

A number of input / output options gives the DC590+ the flexibility needed for integration into any variable speed system. Combined with its embedded automation functions, its input-output configurations can in many instances eliminate the need for an external PLC.

### Years of applications expertise at your service

The DC590+ macro function blocks are the result of over 30 years of experience gained by Parker SSD of installing drives in variable speed and sectional drive systems. This unique application experience is included in the drive in the form of dedicated function blocks at no extra cost, thereby reducing the design costs of your machinery.

### Worldwide product support

The DC590+ DC Drive is available with full application and service support worldwide. Wherever you are, you can be confident of full back up and support.

