

**DESCRIPTION**

The Dutt-5000 is the highest performance CPU in the family of modular PLCs. It satisfies the vast majority of needs and can be used for both simple automation and the most demanding control applications. Its design allows flexible extensions at any time.

The development environment used is CoDeSys ([www.3s-software.com](http://www.3s-software.com)). Dutt is part of the worldwide network of CoDeSys system partners. Today it is the most widespread IEC 61131-3-based development tool in Europe. It provides end users with comprehensive integrated solutions for simple and effective automation application project engineering. Among many of its advantages is the possibility of combining up to five programming languages.

**Summary of benefits:**

- Double Core ARM Cortex-A9 32-bit and double floating point precision.
- 600MHz working frequency.
- Real-time multitasking operating system.
- Virtual file system that simplifies tasks such as:
  - Automatically store the program and source code.
  - Make backup copies of the CPU.
  - Easily update CPU firmware.
  - Remote connectivity and easy management over the Internet.
- Fault detection and alarm handling with history. IP addressing through software.

**APP**

The PLC (Dutt-5000) is specially designed to reduce work cycles and increase the quality of any industrial process. Its design is modular and intended for a decentralized I / O periphery.

The configuration of all the peripherals that make up the system is done in an easy and safe way through a communication bus.

The PLC (Dutt-5000) is specially designed to control good equipment, whether they are (SAIS, Motor control, Wind equipment, Solar equipment, machinery for the handling and manufacture of parts,...).

