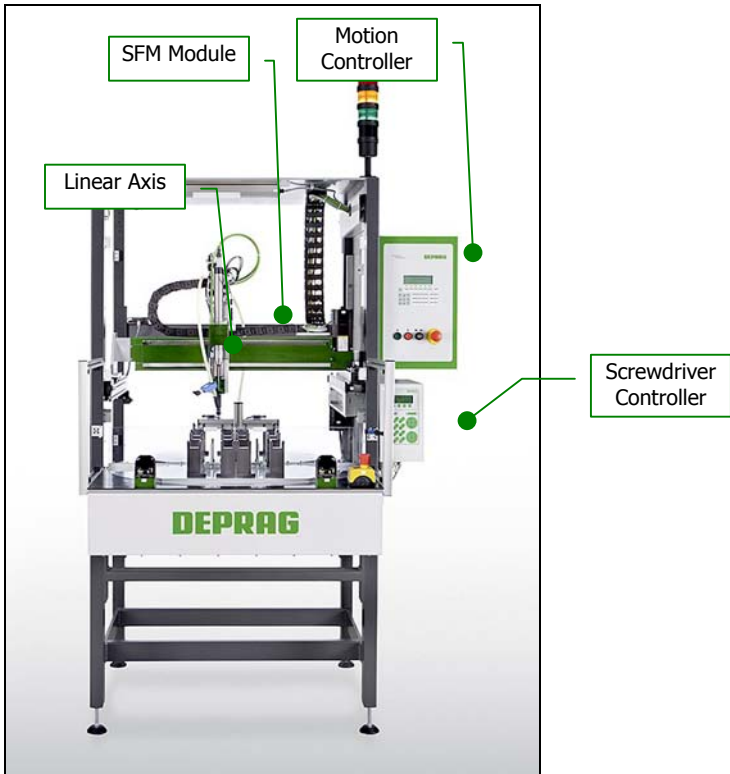


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## DEPRAG COMPACT ASSEMBLY MODULE = DCAM



Full View

### Cycle Description:

The Operator loads the product into the part fixture and uses the 2-hand start buttons to activate the rotary index table. A part sensor verifies that the product is loaded accurately. The SFM module, which is attached to the linear axis system, moves to the individual screw-locations and drives the appropriate amount of screws. While the SFM is assembling one product, the operator is free to load another product into the second part fixture.

The part fixtures are interchangeable to accommodate the five (5) different design executions. A part nest ID-system, integrated underneath the rotary index table, checks which product is loaded and automatically starts the appropriate screwdriving program.

### Station Function:

This assembly station was designed and manufactured for Kathrein-Werke to assemble filter covers in five (5) different design executions.

### Station Components:

The system mainly consists of:

- **DCAM** Unit
- X- and Y Linear Axes with Motion Controller **MC282**
- **SFM** [Screwdriver Function Module] with integrated EC-Electric Screwdriver Model **310E36-005** and Controller AST30
- **SZG** Screwfeeding Machine with **Hopper**
- Part Nest ID-System



Inverted Part Nest ID-System

Please use this [LINK](#) to download our EC-Electric Screwdriver Catalog, or activate this [LINK](#) for additional technical details on the DEPRAG EC-Electric Screwdriver product.