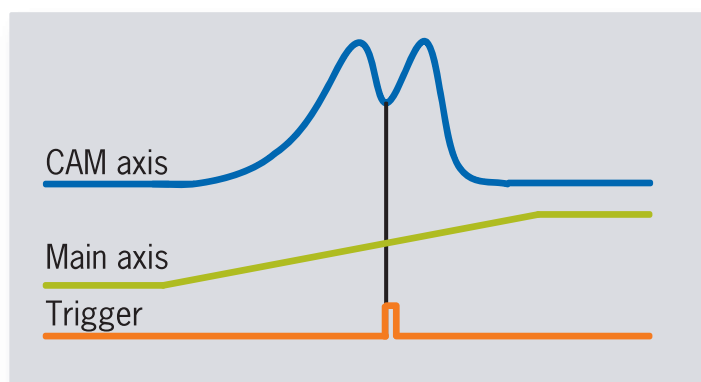


## Abstract

With MOVO Electronic CAM, MOVO can run as a stand-alone device with an internal program, and the tracking control with the kinematics conversion in sync with a master, or the free-form curve controlled by the computer via network is also possible. Furthermore, the synchronized multi-axis drive achieves precise synchronization with very few jitter.

## ❖ Concept



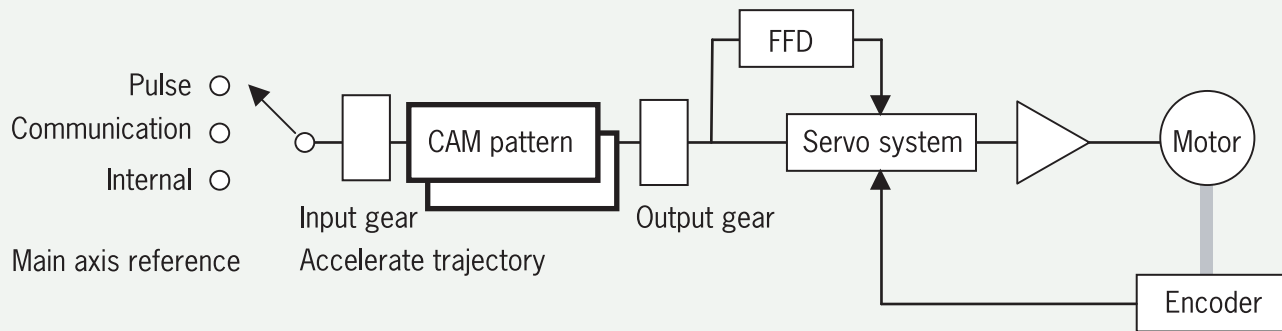
### Main use

- Semiconductor / LCD repairing machine
- Robot hand
- Flying cut-off machine
- Winding machine
- Printing / registering machine
- Bottle making machine

## ❖ Features

- |                              |  |
|------------------------------|--|
| ■ Simple and low-cost:       | Pattern memory, simplified PLC, exception handling                         |
| ■ Various command input:     | Pulse, data communication, internal generation, cube trajectory generation |
| ■ Multi-axis sync.:          | Precise synchronization with very few jitter                               |
| ■ High speed precise servo:  | Feedforward, acceleration control  |
| ■ Versatile standard option: | Various networks, various serial encoders                                  |
| ■ Optional applications:     |  |
| Trigger / captuer            | Position measuring on the fly, laser radiation                             |
| Flying cut-off machine       | Generating repeated trajectory of tracking line and returning              |
| Kinematics conversion        | Coordinate transformation with mathematical functions                      |
| Other customizes             |  |

## ❖ Block of electronic CAM



## ❖ MOV0 Power class

100V Single phase

Rated power (W)	80	160	262	436	654
Rated current (A)	0.8	1.6	2.5	4.2	6.3
SVF	SVFM1	SVFM2	SVFM4	SVFM6	SVFM8

Overload tolerance: 250%, 30sec for each model

24/48V DC Input can be applied by option (The rated power is reduced proportionally to the DC voltage)

200V Single phase

Rated power (W)	160	262	436	727	1,090
Rated current (A)	0.8	1.3	2.1	3.5	5.3
SVF	SVFH1	SVFH2	SVFH3	SVFH5	SVFH8

Overload tolerance: 250%, 30sec for each model

200V Three-phase

Rated power (kW)	2	4	8
Rated current (A)	7.5	15	30
SVF	SVFH10	SVFH20	SVFH40

Overload tolerance: 200%, 30sec for each model

## ❖ Product appearance



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