

## Planar Motor



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Canada Headquarters  
250-6651 Fraserwood Place  
Richmond, British Columbia V6W 1J3  
[Website](#)



### About Us

Planar Motor Incorporated (PMI) is the global leader in magnetically levitated planar motors. PMI's Planar Motor System redefines intelligent production lines with its unprecedented flexibility, precision, re-configurability, scalability and traceability. Headquartered in Vancouver Canada, they invent, design, manufacture, sell and support planar motor-based smart conveying systems internationally.

### e-F@ctory Solutions Provided

A Planar Motor system is composed of movable XBots (movers) and a stationary surface of modular Flyways (stators). Each XBot is independently controlled and magnetically levitated with 6 degrees-of-freedom. The system does not require any lubrication nor generate any contamination. It is ideal for applications requiring high cleanliness such as food, cosmetics, and pharmaceutical manufacturing as well as industries with harsh environments such as those that require water and dust proofing. Flyways are identical modular tiles and are fully extendable and reconfigurable. Thanks to the versatile motion of XBots, many traditionally needed robot arms can be eliminated.

### Complementary Products

Robots

### Core Technology

Planar Motor

### Industries Served

Automotive	Medical and Life Sciences
Cosmetics	Packaging
Electronic assembly	Pharmaceutical
Food	Semiconductor

#### **MITSUBISHI ELECTRIC AUTOMATION, INC.**

500 Corporate Woods Parkway, Vernon Hills, IL 60061  
Ph 847.478.2100 • Fx 847.478.2253

[us.MitsubishiElectric.com/fa/en](http://us.MitsubishiElectric.com/fa/en)

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