

INSTALLATION INSTRUCTIONS

PM486/500/570/605FE, XE/XP*, FH

*All rollers do not come with driver cards except the XE/XP

Thank you for your purchase of the Power Moller 24®. Please read these handling instructions first to understand the product, safety information, and cautions before using the product. Keep these handling instructions in a safe and easily accessible place.

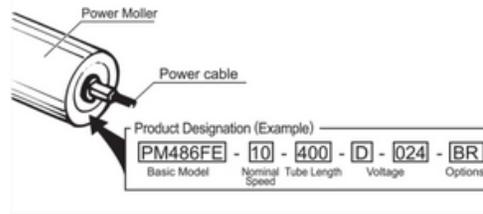
Make sure that the product you received matches your purchase order, with its designation, specifications, and operating voltage.

To Use the Product Properly and Safely

- Do not use this product in explosive, ignitable gas, corrosive, or wet environment (except waterproof or drip proof unit), or around flammable products.
- Switch off the power when conveyor removal, wiring, or maintenance is done in order to avoid risk of electrical shock or injury
- Respect the electrical regulations of the site or equipment where the product is installed (labor and safety regulations, electrical equipment technical standard, etc.)
- Make sure the conveyor is grounded properly
- Make sure the Power Moller's shafts are tightly fixed using the standard mounting brackets supplied together, before operating the unit
- Do not damage, pull, twist, cut, or additionally process the power cable

Confirmation of the Product

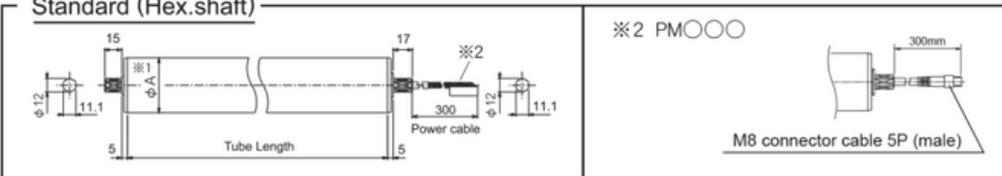
Make sure you received the right product by checking the model number written on the circular label on the roller's end-housing of the power cable side. Also, make sure one (1) set of correct mounting brackets is enclosed, as illustrated below.



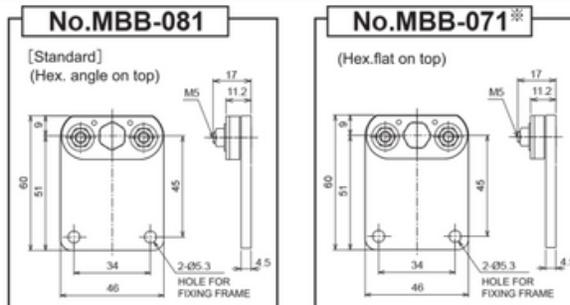
Power Source

- 24V DC battery, or 24V DC power supply
- Battery or fullwave rectified and smoothed current <10% Ripple

Standard (Hex.shaft)



Mounting Bracket



Installation

	Caution Unit's shaft must be fixed to the conveyor frame with mounting bracket supplied with the unit. Rattling or idle rotation of the shaft may break the power cable, which can cause a disconnection, by which the Power Moller will cease functioning.
	Caution Make sure conveyor frame is grounded properly.

- Make screw holes to mount the mounting bracket on the conveyor frame where power cable goes through, as illustrated below
- Insert the unit's shaft with power cable through the conveyor frame shaft hole, taking attention not to damage the cable. Then, press the spring loaded shaft and insert it into the shaft hole on the other side of the conveyor frame.
- Install the mounting bracket to the conveyor frame as illustrated below to hold the Power Moller's shaft stationary. Take care to avoid damaging the power cable or its connector.

1. The conveyor's between-frame (BF) dimension must leave a 2 to 5mm gap when the Power Moller is mounted into the conveyor frame.

2. The shaft must be held stationary by three stacks of metallic pieces as illustrated.