



## Flexible Power Application and Design FAQs

Q: Is it possible to achieve speeds faster than 120 FPM on a flexible powered conveyor?

A: It is possible to achieve 200 FPM by using a different size motor pulley. Consult your sales representative for more detailed information.

Q: Are there other options to using DC motors on the power conveyor?

A: The BestFlex powered conveyors can be manufactured using AC motors. Consult your sales representative for more detailed information.

Q: What is the amperage draw for a power conveyor?

A: The amperage required for the electrical service will vary based on the conveyor length and motor type. Consult your sales representative for more detailed information.

Q: Are there other options to 120 VAC power to operate the power conveyor?

A: The BestFlex powered conveyors can be manufactured for 220VAC. Consult your sales representative for more detailed information.

Q: Why can't I purchase a powered flexible conveyor with only a fixed end stop?

A: Use of a BestFlex powered conveyor with only a fixed end stop will allow product to accumulate on the conveying surface with live rollers underneath the carton. This will lead to possibly product damage due to cartons falling off the conveyor as well as dramatically shortened O-ring drive belt life and possible electrical overload conditions.

Q: Can I use the BestFlex Powered conveyor to move product up an incline?

A: The BestFlex powered conveyors can convey boxes up inclines to a maximum of 5 degrees. There will be an associated linear loss of drive power that is dependent upon box weight and amount of incline. Consult your sales representative for more detailed information.

Q: Can I use the BestFlex Powered conveyor to push boxes onto a gravity conveyor?

A: The BestFlex powered conveyors are not designed to push products onto gravity takeaway conveyors. This will lead to dramatically shortened O-ring drive belt life and possible electrical overload conditions. There are a variety of optic options available to address this situation. Consult your sales representative for more detailed information.

Q: Will the BestFlex Powered conveyor interface with other conveyors/equipment?

A: The BestFlex powered conveyors can be easily interlocked with upstream or downstream equipment. Consult your sales representative for more detailed information.

Q: Are curve guards available for the BestFlex Powered conveyor?

A: For the majority of applications, curve guards will not be needed however there are several options available. Consult your sales representative to determine which option will most suit your specific application.

Q: What is the longest BestFlex powered conveyor available for purchase?

A: The average length for most truck loading and unloading applications is approximately 60 feet long expanded. For cross-dock and unique applications, usually longer conveyors are required. We have manufactured individual conveyors in excess of 100 feet. Consult your sales representative regarding longer length conveyors to discuss possible electrical power service as well as ergonomic aspects of an application that requires a length in excess of 48 feet.