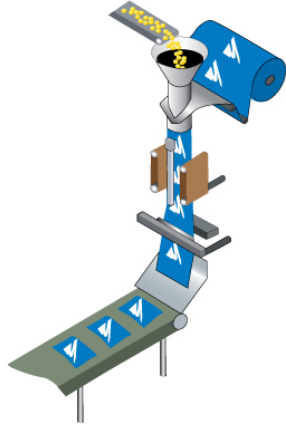


Feed-to-Length Solution

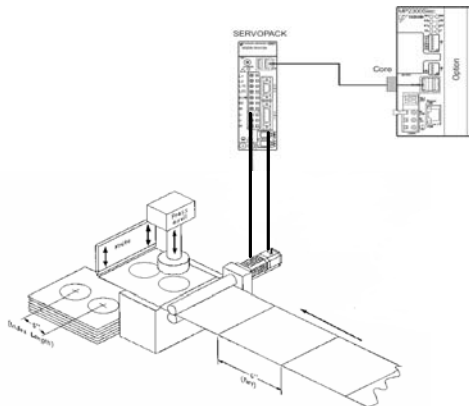


Many applications in **Assembly** or **Converting** involve feeding a product to a precise length either based on a pre-programmed distance, or to a registration mark. In many cases, the feeding mechanism consists of pinch rollers. In others, a clamp and push/pull method is used. Yaskawa's Feed-to-Length Solution can operate in either mode with either mechanism to provide precise product feeds with a minimal amount of programming.

The Feed-to-Length Solution from Yaskawa provides a library of PLCopen-based functions for MP2000iec controllers that users can import into their IEC61131-3 control program. The solution distills the core control algorithm down to a single function block that is easy to implement.

Leveraging the pre-built core solution code will save program development time for the software engineer and help speed project completion.

Feed_To_Length_1	
Axis	Axis
Execute	Done
Trigger	Busy
MaxPartLength	Active
Window	CommandAborted
WindowStart	Error
WindowWidth	ErrorID
FeedVelocity	MissedMark
FeedAcceleration	ContinuouslyMissed
FeedDeceleration	MissedMarkCNTFull
FeedJerk	RegistrationDistanceShort
RegistrationDistance	MinRegistrationDistance
RegistrationVelocity	
RegistrationAcceleration	
RegistrationDeceleration	
RegistrationJerk	
MaxMissedParts	
ResetMissedCounter	
AbortFTL	
AbortFTL_Deceleration	
AbortFTL_Jerk	



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- Reduced Risk
- Reduced Total Cost of Ownership
- Pre-engineered Performance

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