IMPAX SK Technologies

SKSinglemaster
idle stroke detection on thread rollers

Prevent unneccessary machine stops with SKSinglemaster

Inconsistent feeding on thread rollers is an on-going problem. Parts continually jam up in the feed rails creating an excessive amount of unproductive cycling. This can cause a severe problem, particularly during a learn process. The system may use the values of the idle strokes along with regular force signals creating an incorrect reference force curve. The result is frequent machine stops at the end or during set-up for no apparent reason. This is very prevalent on rollers with washer-assembly units.
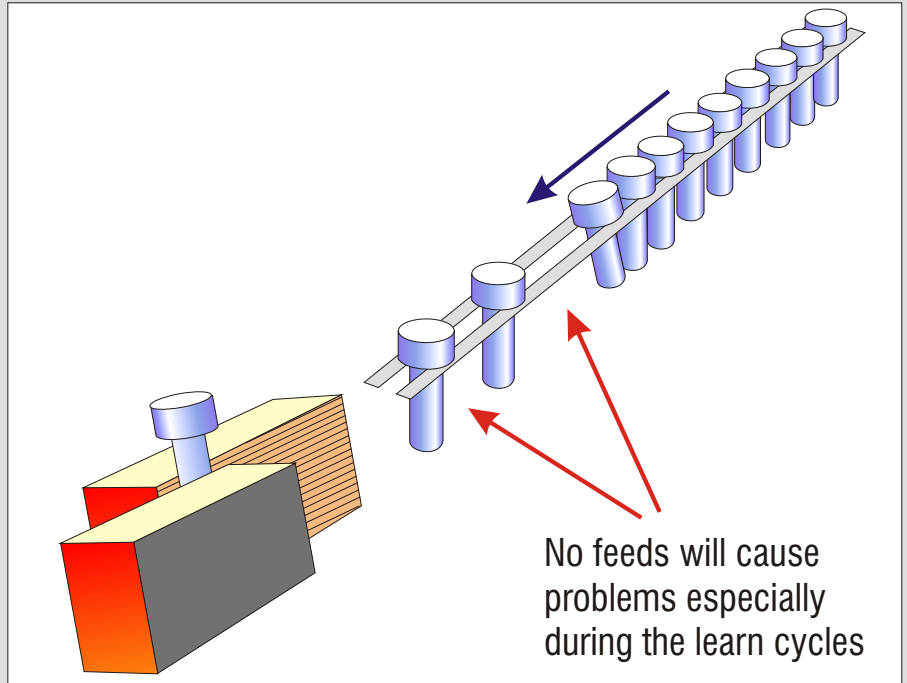
SKSinglemaster solves this problem by automatically recognizing any idle stroke during learn and ignoring the signal. Only signals that exceed a certain signal strength are considered to be valid forming signals. SKSinglemaster can be retrofitted on all current SK-models .

Your advantages:
- Fewer unnecessary stops
- More productive rolling
- Works automatically with no operator attention required

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A typical problem on thread rollers: intermittent feeding

No feeds will cause problems especially during the learn cycles

SKSinglemaster eliminates erroneous signal inclusion during the learn process

Process monitor type SK 2 with SKSinglemaster in operation on a thread roller