



Clever Cutting

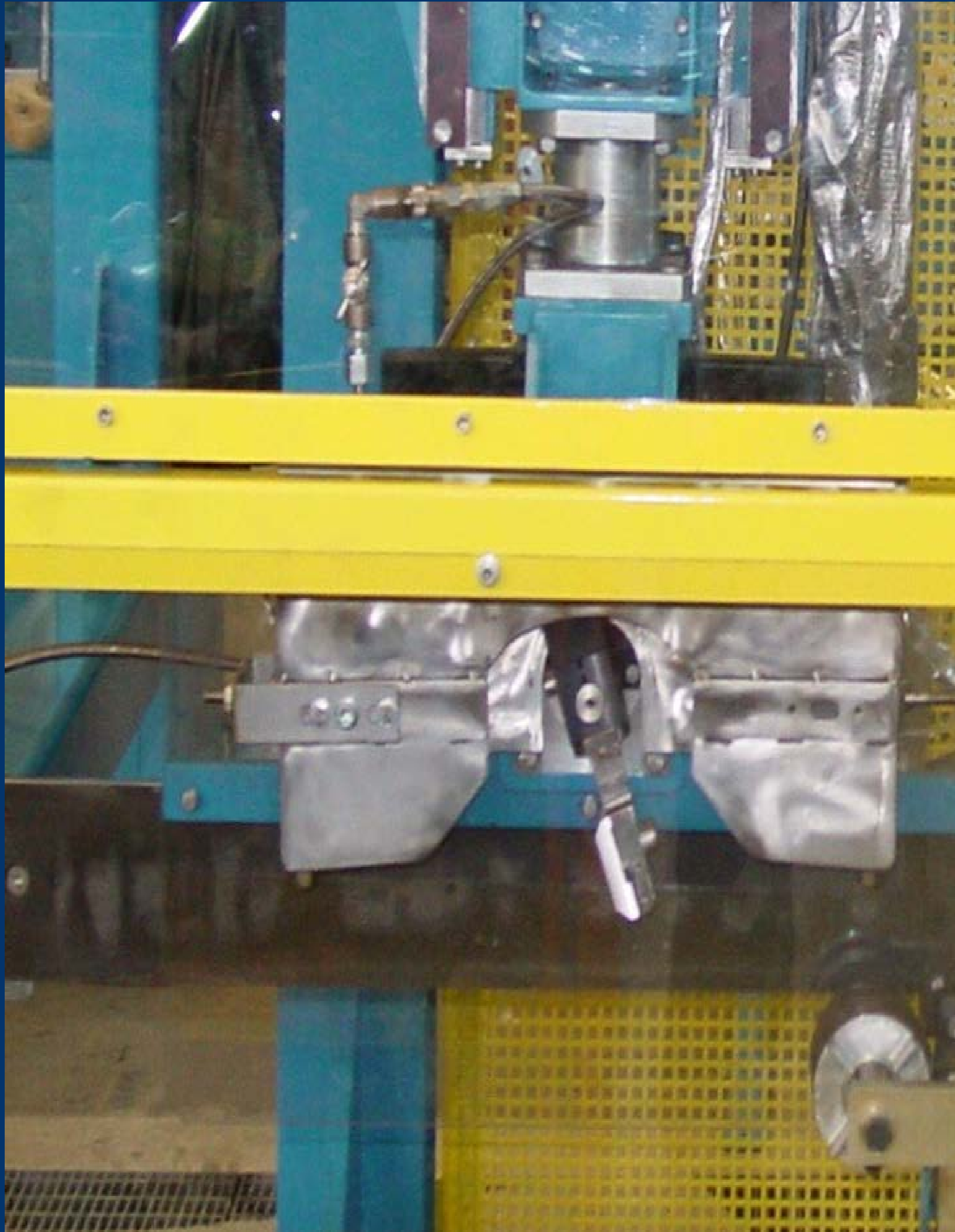
Minimizing waste in the
production of glass tubes



The production of glass tubes generate many faults and the only way to ensure the right quality is through sorting. This is a wasteful procedure, but Clever Cutting can help you improve the yield considerably. Clever Cutting is an add-on to the JLI tube inspection system.

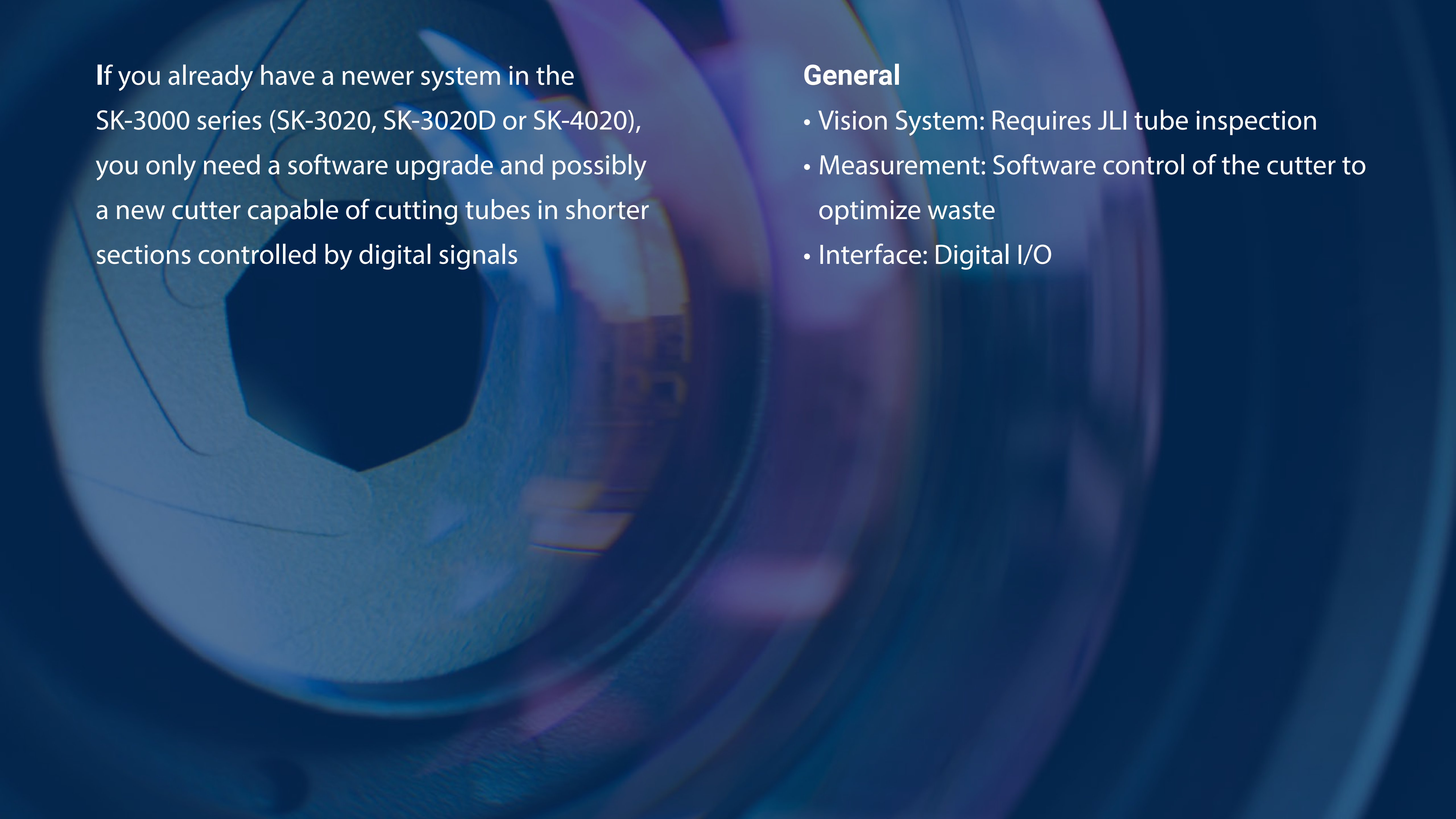
Normally, cutting is performed by a simple rotating cutter, geared to the pulling machine. Thereby, any defect detected will result in a full length of tube being discarded, no matter the size of the defect. The principle of Clever Cutting is to cut away only the sections of the tube containing a defect, instead of throwing a full length tube away. This will ensure that only shorter sections of the tube are rejected when defects are detected.





Features:

- ✓ Reduce waste by up to 40%
- ✓ Improve line efficiency with 2% or more - without any
- ✓ Clever Cutting cuts only the defect section of the tube
- ✓ Works with rotating cutters as well as with servo motor controlled cutters
- ✓ Integrate with existing outside diameter and wall thickness gauges
- ✓ Pay-back in 3-12 months depending on your current configuration



If you already have a newer system in the SK-3000 series (SK-3020, SK-3020D or SK-4020), you only need a software upgrade and possibly a new cutter capable of cutting tubes in shorter sections controlled by digital signals

General

- Vision System: Requires JLI tube inspection
- Measurement: Software control of the cutter to optimize waste
- Interface: Digital I/O