

Application-Report

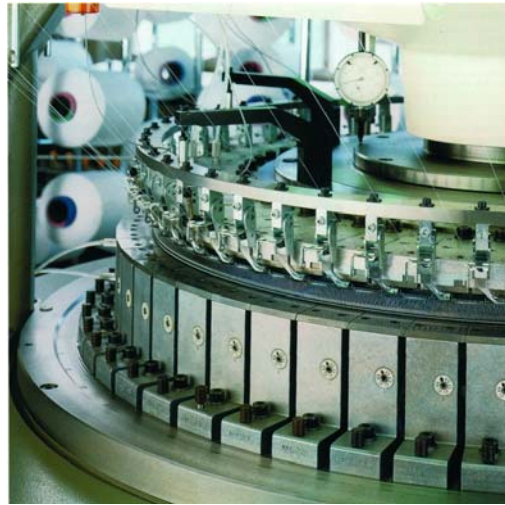
Textile

Task:

The guides, rollers and needles are to be checked during the inspection of a circular knitting machine in operation.

Solution:

The motion of the machine can be made to appear to be frozen with the ROLUX hand-held stroboscope (stroboscope effect). To do so, its flash rate must correspond to the frequency of movement. In this way parts can be inspected without interrupting operation. This increases productivity and reduces the level of waste. The ROLUX has a trigger input which allows the flash rate to be set automatically to the frequency of movement.



Task:

The thread speeds of a weaving machine are to be checked with a handheld measuring instrument. No threads may be torn or errors to the woven product caused by the measurements.

Solution:

The ROTARO T hand-held digital tachometer is equipped with a thread adapter, which can be used to measure thread lengths and speeds. The measurements cause barely any draw errors to the woven product due to the smooth running of the thread adapter (< 3 g). The ROTARO T can therefore also be used for stocking machines.



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