

Fully automatic labelling of shock absorbers

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The RSA Series Labelling System has been designed to identify suspension springs with the appropriate load class based on an individual load measurement result. The system receives the measurement results from the upstream system. The system is available as single or double cycle variant (depending on the required throughput).

The variable data are printed with the respective data by a label printing dispenser (with double cycle variant of 2 label printing dispensers) before application. The currently printed label is always applied. The labels can be printed in one or more colours.

Simple linear axes, single- or twin-robot systems are used as handling systems. Since the labels are normally wider than the distance between the threads, the label is preformed as a U before it is applied to reach the labelling position before it is placed around the thread and finally fixed as a flag label. At the outlet of the line, the data is captured by an inspection system and compared with the original measurement results.