



Snake Robot Project

Motivation

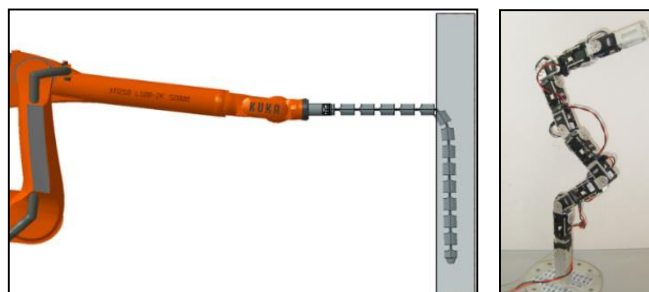
Foreign Object Extraction is a operation at the end of an aircraft manufacturing. Some of these activities are sealant application, torque driver applied to fasteners and search for small parts and pieces. Its request an operator to work in several non-ergonomics positions in restrictive environment like a wing box or fuselage cavities.

Objective

A snake type robot could execute the FOE and Inspection operations in an automatic procedure with high process reliability and repeatability.

Approach

The SNAKE ROBOT have a great market potential and many innovative uses in different industrial areas. The improvement of this robot will allow several new application.



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