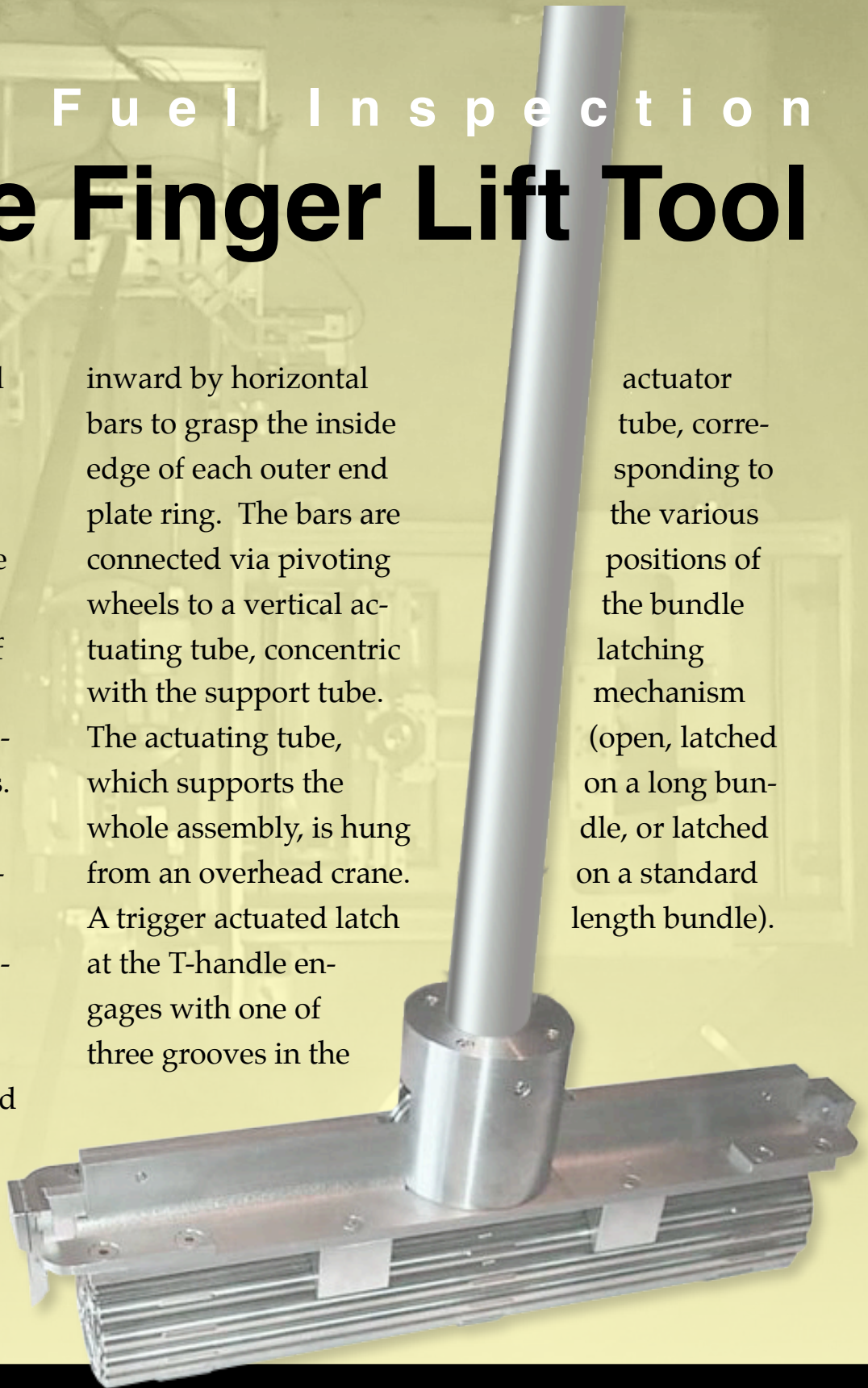


In - Bay Fuel Inspection Bundle Finger Lift Tool

The bundle finger tool is used to pick up and move bundles from holding trays and/or modules to the bundle rotator in the fuel bay. The unique method of latching on to the end plates minimizes damage to the fuel sheaths. It consists of a long support tube with a T-handle at the top end and a grasping mechanism at the bottom. Two saddles align the tool on the bundle, and two opposing sets of three spring-loaded latches are pulled

inward by horizontal bars to grasp the inside edge of each outer end plate ring. The bars are connected via pivoting wheels to a vertical actuating tube, concentric with the support tube. The actuating tube, which supports the whole assembly, is hung from an overhead crane. A trigger actuated latch at the T-handle engages with one of three grooves in the

actuator tube, corresponding to the various positions of the bundle latching mechanism (open, latched on a long bundle, or latched on a standard length bundle).



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