

Tech Offer – Intelligent Systems

Adaptive Driven Coupler

- Currently, there is no known method for automation on the manual cranking of the hand-cranked lifting equipment.
- TP developed an adaptive driven coupler assembly for transmitting rotational torque between a drive shaft and a driven tool.
- The adaptive coupler is configured to manage torsional and shear forces primarily through interlocking structural geometry, with fasteners used mainly for securing the assembly and bearing operational load.

