

**An Innovative 3D Solution for High Throughput Roll-to-Roll AId**  
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**Abstract Supplement**

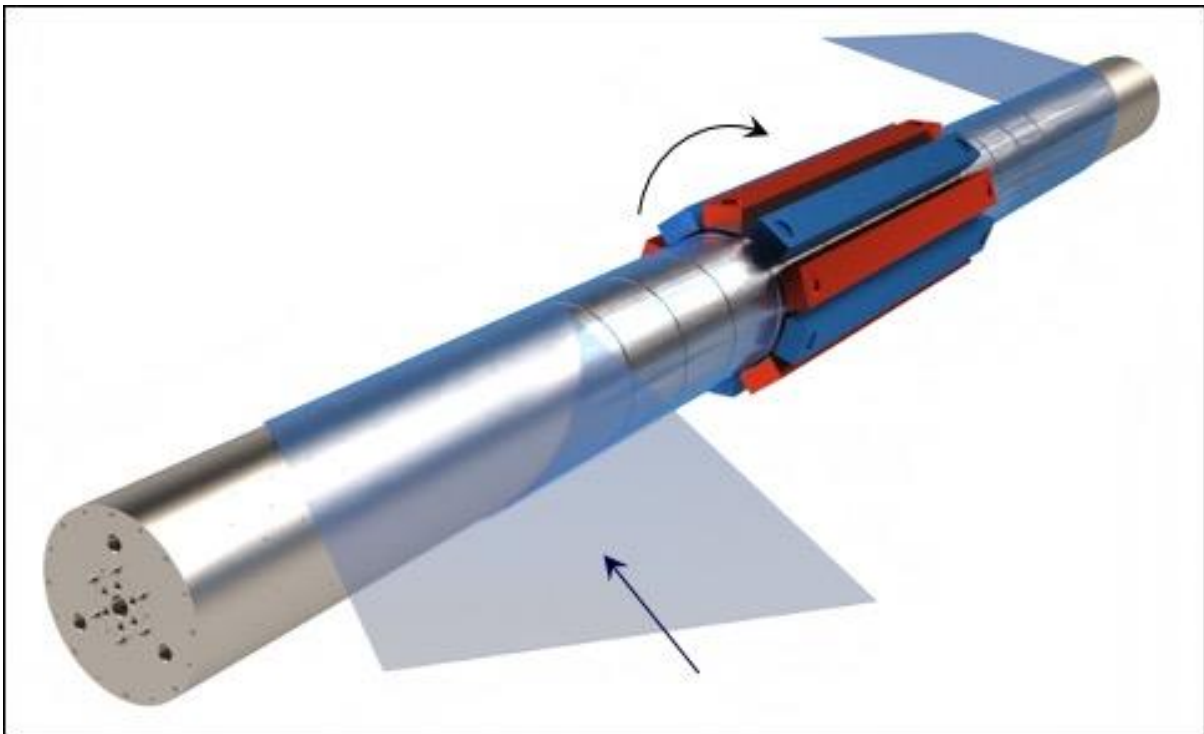


Figure S1 Schematic of Kalpana Systems' innovative equipment design