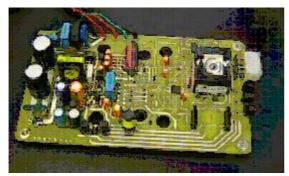
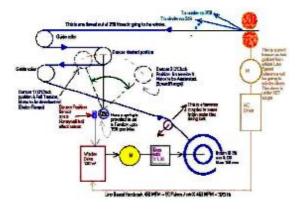
Oustomer:

Sprade Electro Controls, Mumbai, India

Product description:



3-phase, 200W induction motor feeds the thread, while the dancing-arm with the proximity sensor determines the tension. The process controller adjusts the motor speed and torque so as to achieve the same tension of the thread at various speeds of the feeder.



The unit operates on 300V DC, where the DC voltage comes from the rectifier common to 500-1000 drives. Wireless communication provides low-speed serial-link connection to the host, made in such a way that the failure of any out of 500-1000 modules does not impair the communication of the functional modules and the host.

involvement:

Hardware and software design, power section concept & design, motor control software, process controller.