

ABSTRACT

MODULARIZED IN-LINE TRIM AND FORM SYSTEM

An improved in-line trim and form system includes a on-loader module, infeeder module, a press module, off-loader module. The press module includes a twin-cam serve drive which moves simultaneously and independently to facilitate high-throughput in-line process. The on-loader and off-loader module includes a pick and place apparatus with suction pads and storage magazine which can load and unload a leadframe without excessive rotating movement. The components of the system are highly integratable and replaceable for easy modification and repair.

FIG. 1

This Sheet Has Been Replaced



THIS SHEET HAS BEEN
REPLACED