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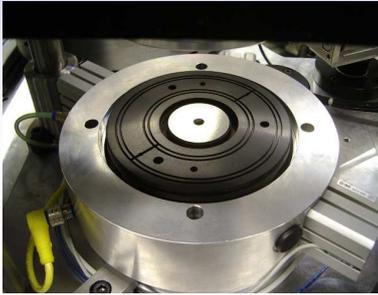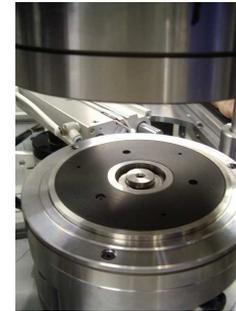
SPS Punching Module

ID Punch and Die

OD Punch and Die with stamper handling system

System Overview

The SPS system consists of separate modules that can be used stand-alone or as part of an automated system. Each of these modules has a docking station for accepting the stamper from the handling system or from an operator in the case of stand-alone use. The stamper can be moved from process to process or to other modules using the handling system. This reduces operator time at the machine and improves control over the process. Data recording and management enables tracking of the stamper identity and productivity information.

Specification – SPS Punching Module

- Separate ID and OD punch and dies improves hole size, shape and stamper flatness
- Manual stamper handling between ID and OD
- Manual Centring on automatic rotary turntable
- Improved optical focus on data edge for stamper centring
- Optical light levels improved for high density stampers
- Touch screen control
- Larger stamper clamping area for optimum focus level during alignment
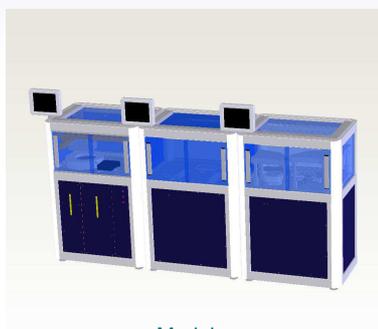

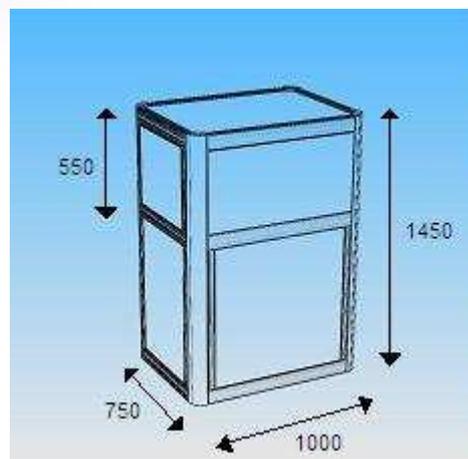Optional in-line handling system links SPS Modules

Options

- An optional second ID station with ID punch and die means two ID sizes can be punched in one machine. This reduces the need for multi-punching and improves eccentricity results by centring and punching only once.

- Add automatic handling OD to ID and automatic centring and punching of the stamper ID with a measured centring value. This provides the optimum eccentricity results for high density stampers and saves operator time at the machine.

- An in-line stamper handling system automates the SPS Finisher with the SPS Punch. The process is controlled and productivity is improved as punching and finishing is fully automated.

- Stamper card bar code reader
- LAN connection

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SPS Punching Module - Spec

SPS Punching Module Dimensions

Modular
System

SPS Punching Module Technical Specification

Vacuum Turntable **Maximum Stamper Diameter**	250mm (Custom diameters available on request)
Punch & Die Set **ID Punch & Die** **OD Punch & Die**	Up to 38mm (Special sizes on request) Diameter 80mm up to 150mm (Special sizes on request)
Electrical **Pneumatic**	115V +/- 6% or 230V +/- 6% AC 50/60Hz Consumption 1.1KVA Minimum 6 Bar (85 PSI) Maximum 8 Bar (115 PSI)
Weight	550kg Net
Accessories Included	Spare/Tool Kit, Mains Leads, Operation and Maintenance Manual