

CMT COLUMBIA
MARKING
TOOLS

HOT STAMPING PRESSES

PR914 Large
PR912 Small

640462094163649

640462094163649

CMT912

3440

3440



Columbia controls the three variables for a quality hot stamp impression:

1

Pressure is developed by a double acting air cylinder controlled through an air pressure regulator.

2

Dwell is controlled by either a solid state, or pneumatic, adjustable timer.

3

Heat is developed by high density cartridge heaters, assuring uniform heat distribution. Columbia offers a basic internal adjustable heat control thermostat, or thermocouple sensor for use with optional remote digital heat control.



**PR912-UF
Ultra Foil
Shown**

Basic Features

Basic Model PR912/4-S includes:
Heavy duty, steel bench top frame
Double acting pneumatic press**
Keyed non-rotating rod
Tooling mount for Heat control adapter or numbering head
Air valve, Air filter, pressure regulator, lubricator
OSHA required air shutoff valve with lockout
Air dual anti-tie down anti-repeat palm buttons
Pneumatic timer dwell control

Deluxe Features

Deluxe Model PR912/4-D includes:
Standard features of basic model
Ergonomic-touch-less electric dual anti-tie down anti-repeat palm buttons
Digital heat control with LCD readout
Solid state electronic dwell control

**Small Press PR912 - u
Large Press PR914 - u**



- Standard Hot Stamp Holders:**
- PR914 has Quick-change, dovetail mount
 - PR912 has compact holder for tight places
 - Stamp holders can be mounted and removed from the heat control adapter in seconds for fast, simple change over
 - Standard holders use CMSH-step style hot stamps.

• Thermocouple (for use with remote heat control) Plug In or Thermo-switch (for manual adjustment of heat) • 3' High Temp. Plug In Power Cable • Press Shank • Dovetail Mount Holder • Dual High Density Cartridge Heaters • Heat Insulation • Terminal Box



up to 360 lbs
up to 1 ton

Ultra-Foil Features

Ultra-Foil Model PR912/4-UF includes:
Standard features of Basic Model
Upgrade of Deluxe Model
PLC controls
Complete foil feed system
Solid state electronic dwell control

CMT COLUMBIA
MARKING
TOOLS

27430 Luckino Dr
Chesterfield MI 48047

586.949.8400
586.949.8401 fax

A Note About Stamping Pressure

Metal Dies & Type require about 1/2 to 1 ton of pressure per square inch of solid impression area. Softer plastics (vinyl, polyethylene) require less pressure than harder plastics.

Silicone Rubber dies require about 300 to 400 lbs. per square inch of solid impression area. Since Stamping Pressures and heat requirements vary, it is recommended that samples be submitted for evaluation prior to final equipment selection.

Optional Equipment

**Slide Feed Chases
XY Positioning Tables
Automatic/Manual Fixtures
Color Transfer Foil Systems
High Production Rotary Fixtures
Pre-Determining Digital Counters
Foil Break and/or Runout Sensors
Part Sensors**

**Feeder bowls
Auto-Feed & Eject Systems
Assembly (Staking) Operations
Vision Systems
Hot Stamping Numbering Heads
Safety Enclosures
Light Curtain Safety Systems
Special Machine Stands**

CMT
**COLUMBIA
MARKING
TOOLS**

**27430 Luckino Dr
Chesterfield MI 48047**

**586.949.8400
586.949.8401 fax**

www.columbiamt.com