



## CHAMPION 990

### OVERVIEW

Well known for its durability, ease of operation and profitability, the Champion 990 delivers accurate scoring, perforating and slitting at an economical price.

Using minimal floor space, the Champion 990 boasts the highest degree of speed and accuracy of any machine in its class. It can precision perf, score, slit or semi-slit with razor sharp accuracy at up to 18,000 sheets per hour, and its friction feeder can handle stock ranging from 9lb onion skin to 40pt board.

Each Champion series machine has an indestructible cast iron base and perfectly ground concentric Sheffield steel shafts for flawless precision. The Champion 990 DS version is configured with a Semi-Slitting shaft when kiss-cutting is desired. The flexibility to choose among dozens of heads and blade styles, as well as its ability to run inline with other finishing equipment, makes the Champion 990 a profitability workhorse.

### PRODUCTS

- Brochures
- Direct Mail
- Labels
- Postcards
- Tickets
- Menus

### KEY BENEFITS

- Ease of operation does not require highly skilled operators
- Perform multiple processes in one system
- Auto fan feeder feeds sheets from the bottom allowing for semi-continuous operation
- The control lever ensures precise scoring depths by lifting or lowering the lever
- Unique two piece side-guide can salvage off register jobs
- The calibrator positioned above the feed rollers acts as a gate so that one sheet passes at a time
- The Champion is available in a single or double head configuration
- Double head design consists of two shafts. A two-step process starts with an initial shallow score on the first shaft followed by a second deeper score on the second shaft for a sharp crease with no fiber cracking.
- Single head design performs all functions with a single shaft configuration
- DS version is a double head design with one shaft configured for kiss-cutting or partial slitting of PSA material
- Add a Rollaway unit for bi-directional processing

**FUNCTIONS**

*Scoring, creasing, perforating, slitting, trimming, semi-slitting*

**MEDIA SPECIFICATIONS**

<b>MINIMUM SHEET SIZE</b>	4x4" (100x100mm)
<b>MAXIMUM SHEET SIZE</b> <i>Model size in bold.</i>	<b>18" (45cm):</b> 18x19" (455x480mm) <b>24" (60cm):</b> 24x19" (609x480mm) <b>30" (76cm):</b> 30x25" (760x635mm) <b>36" (91cm):</b> 36x25" (915x635mm) <b>42" (106cm):</b> 42x25" (1065x635mm)
<b>MINIMUM STOCK WEIGHT</b>	9lb onion skin, 40gsm
<b>MAXIMUM STOCK WEIGHT</b>	40pt board, 450gsm

**PHYSICAL SPECIFICATIONS**

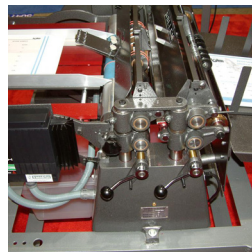
<b>HEAD OPTIONS</b>	Single or Double
<b>GROSS WEIGHT</b> <i>Model size in bold.</i>	<b>18" (45cm):</b> Single head: 132lbs (60kg), Double head: 198lbs (90kg) <b>24" (60cm):</b> Single head: 158lbs (72kg), Double head: 244lbs (111kg) <b>30" (76cm):</b> Single head: 185lbs (84kg), Double head: 295lbs (134kg) <b>36" (91cm):</b> Single head: 216lbs (98kg), Double head: 344lbs (156 kg) <b>42" (106cm):</b> Single head: 244lbs (111kg), Double head: 418lbs (190kg)
<b>POWER SUPPLY</b>	110v/220v
<b>FEEDING SYSTEM</b>	Friction, <i>ETR Model:</i> Vacuum Pile Feeder

**SPECIALTY HEADS**

<b>CUT/SCORE HEAD</b>	<i>Semi-slits materials within 1/1,000"</i>
<b>CD HEAD</b>	<i>Tandem perf/slit blades for a perfect edge-to-perf sizing</i>
<b>INVERTED HEAD</b>	<i>Score on the underside of the sheet for accordion folds</i>
<b>#5 SCORE</b>	<i>Ultra-fine creasing rule for lighter weight and coated stocks</i>
<b>MICRO PERFORATOR</b>	<i>Ideal for laser printers and lighter weight stocks</i>
<b>BLEED/SLIT HEAD</b>	<i>Twin cut and waste removal in one operation</i>



Depth control lever.



Double head option.



Double head option showing placement of specialty heads.



Feeder area.