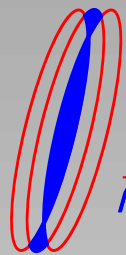


# MODEL 44

## THERMOFORMER AND TRIM PRESS



**IRWIN**

*Research & Development, Inc*



**THE ORIGINAL TECHNOLOGY**

©2013 Irwin Research & Development, Inc.

# MODEL 44

## SPECIFICATIONS



### Thermoformer Specifications

<b>Material Index</b>	<b>Max. Chain Speed</b>	200'/sec. (5080mm)
	<b>Sheet Width</b>	Max. 46" (1168mm) Min. 26" (660mm)
<b>Heat Tunnel</b>	<b>Length</b>	120"-200" (3048-5080mm)
	<b>Heating Element</b>	Standard: Cal-Rod Optional: Quartz
	<b>Temperature Control</b>	Standard dual control with slaved zones Optional PID Control: +2" at 600°F (.66%) +1 at 316 °C
<b>Former</b>	<b>Sheet Width</b>	Max. 46" (1166mm), Min. 26" (660mm)
	<b>Max. Mold Size</b>	44" Wide (1118mm), 40" Long (1016mm)
	<b>Depth of Draw</b>	Max: 2.50" (64mm) Mini-Mag: 6" (152mm)
	<b>Press Rating</b>	60 Tons
	<b>Shut Height</b>	Standard: 6" (152mm) Optional: Up to 10" (254mm) Mini-Mag: 25" (635mm)
	<b>Platen Travel</b>	3.78" (96mm) Mini-Mag: 6.00" (152.4mm)
<b>Also Available</b>	Model 44 Magnum Former -100 Ton Forming Capacity	

### Model 44 Standard Trim Press Specifications

<b>Sheet Width</b>	Max. 46" (1168mm), Min. 26" (660mm)
<b>Product Depth</b>	Maximum 6" (152mm)
<b>Treadle Adjust</b>	Vertical: 6" (152mm), Horizontal: 7" (178mm)
<b>Stroke</b>	Max: 15' (381mm), Min: 5" (127mm)
<b>Standard Platen Opening</b>	Index Direction: 14"-20" (356mm-508mm), Across Sheet: 51" (1295mm)
<b>Maximum Cutting Force</b>	20 Tons
<b>Dry Cycle Speed</b>	1-145 cpm
<b>Servo Ejectors</b>	Optional



**Also Available:**  
 - Model 44 Vertical Trim Press  
 - Model 50 NT Horizontal Trim Press



P.O. Box 10668 • Yakima, WA 98909-1668 • U.S.A.  
 2601 W. "J" St. • Yakima, WA 98902

Phone: (509)248-0194 • Fax: (509)248-3503  
 www.irwinresearch.com • Email: sales@irwinresearch.com