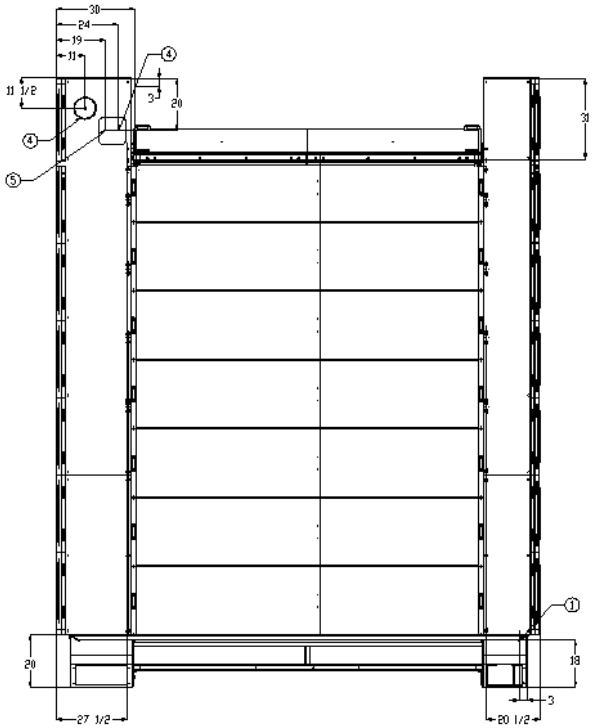
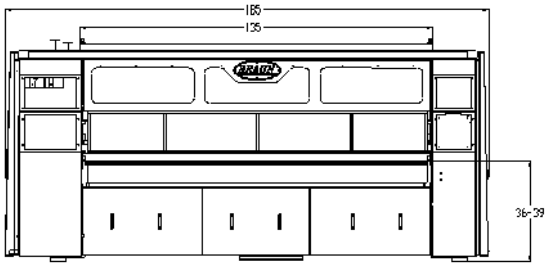
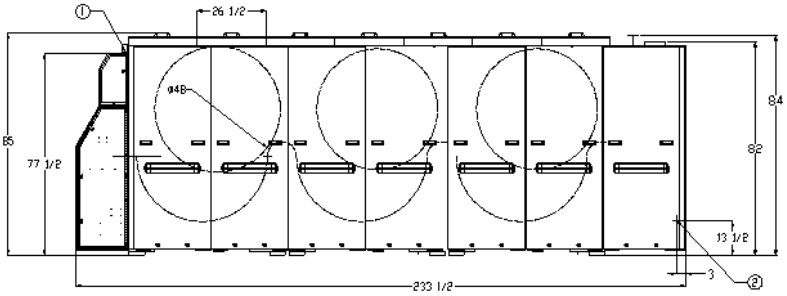
3-ROLL 48” -130” THERMAL IRONER SPECIFICATIONS

3T48-130

G.A. BRAUN, INC., P.O. BOX 3029, SYRACUSE, NY 13220-3029, 315-475-3123







Specifications subject to change without notice.

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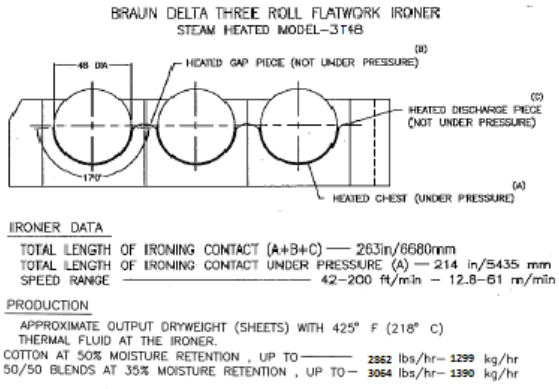
OPENING REQUIREMENTS TO RECEIVE UNIT
84” x 85”h (2134mm x 2159mm)

OVERALL DIMENSIONS
185” x 234” x 82” h (4699mm x 5944mm x 2083mm h)

SHIPPING DIMENSIONS
169” x 84” x 85” h (4293mm x 2134mm x 2159mm)
169” x 83” x 85”h (4293mm x 2109mm x 2159mm)
169” x 62” x 85”h (4293mm x 2109mm x 2159mm)
216” x 53” x 84”h (5487mm x 1347mm x 2134mm)
40” x 84” x 35”h (1016mm x 2134mm x 889mm)

SHIPPING WEIGHT
29,645 lbs (13,447 Kg)



Balloon 1: Electrical Service
*See Electrical Specs below

Balloon 2: Air Specifications
Connection……..3/4”
Pressure……80-100 psi (5.5-7 bar)
Consumption at Rolls Raise……..…9 cfm (0.26 cu-m/min)

Balloon 3: Exhaust Specifications
Duct Diameter……..……8” (205mm)
Flow Rate……..…..765 cfm (21.7 cu-m/min)
Static Pressure of Vacuum Blower…….4 in. H2O max
Max Length with Three 90˚ Elbows……33 ft. (10m)

Balloon 4: Thermal Fluid Return
Connection……..3”

Balloon 5: Thermal Fluid Inlet
Connection……..3”
BTU Maximum……..2,375,000 BTU
BTU Normal Operation……...1,372,000 BTU
Pressure Drop……..21 psi max (1.5 bar max)
Heat Radiation……....61,000 btu/hr (15,382 kg-cal/hr)

*Note: For Chest Temperatures over 375˚F, Nomex Padding is required. All Traps provided.

ELECTRICAL SPECS

SERVICE	208/3/60	240/3/60	480/3/60	600/3/60
Circuit Breaker (AMPS) ❸	175 AMP	175 AMP	100 AMP	100 AMP
Machine (FLA)	137 A	124 A	66 A	54 A
Primary Motor – 25 HP (FLA)	66A	59A	29.5A	23.5A
Exhaust Motor – (3) 2.2 HP (FLA)	22A	20A	10A	9A
Feeder Machine (FLA) (OPTIONAL)	18A	16.5A	10A	8A
Folder Machine (FLA) (OPTIONAL)	17A	15.5A	10A	8A

❶ THHN 908C copper wire at 308C (868F) ambient
❸ Match smaller of wire amp or maximum allowed rating
❹ Consult factory specifications for other services upon request
Provide 5ft flexible connection

As of this writing, the minimum clearance required by U.S. National Electric Code, from electrical box to any object is:
36” if object is an ungrounded (insulated wall)
42” if object is a grounded wall (ie. Bare concrete, brick, etc.)
48” if object is any live part
Check your local electrical codes for further restrictions

Specifications subject to change without notice.