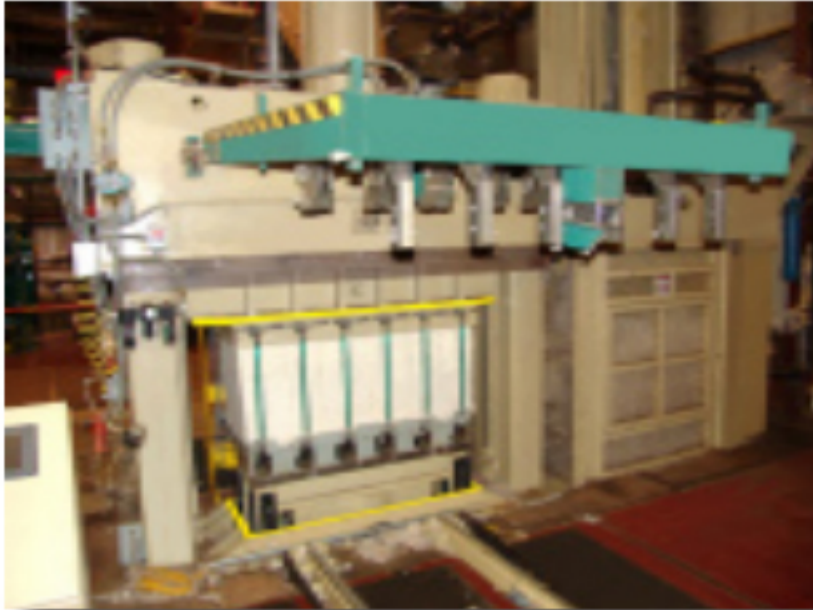


Continental Eagle Model 9300 UP-PACKING PRESS

3 Capacity Versions 50, 60 and 80 Bales Per Hour



A Signode® bale strapping unit is shown. Other types of bale strapping systems are available by customer choice.

50-60-80

- The 9300 Press is the Industry's only fiber bale press capable of pressing 80 universal density bales per hour.
- Designed to operate with several optional plastic and wire bale strapping systems.
- Trampler speeds up to 20 strokes per minute.



The **Continental Eagle Model 9300** up-packing fiber bale press is capable of pressing 50 to 80 universal density bales per hour. The standard 9300 press has a capacity of 50 bales per hour with the standard 1200 gallon hydraulic pumping unit (305 connected HP) and one 20 gallon rotator/lock hydraulic pumping unit (15 HP). An additional 400 gallon Booster pumping unit (135 connected HP) is required to produce 60 bales per hour. When the 9300 press is equipped with an optional high speed pumping and tramping / Pusher system this press has consistently run at speeds of 75 to 80 + bales per hour.



An 18 inch diameter x 121 inch stroke lower ram and a 12 inch diameter x 44 inch stroke upper ram are used to compress the lint cotton into a universal density bale. The force output of the lower ram is approximately 580 tons (577 metric tons). The 9300 press is equipped with a hydraulic pusher and trampler. The hydraulic pusher feeds lint cotton into one press box and the hydraulic trampler vertically packs the cotton charge into the box at speeds of *up to 20 strokes per minute*. A hydraulic rotator motor rotates the press boxes 180 degrees for further packing of the lint cotton by the press rams into a universal density bale.



The 9300 press may be operated in an automatic or semi-automatic mode. In the automatic mode, the press operates fully automatic when an automatic bale tying device is used. If the press is used in a semi-automatic mode the press operator pushes the ram down button on the press console to initiate the bale eject sequence after manual bale tying is finished. Press operations are controlled by a Programmable Logic Controller (PLC) in the press console. The control console contains the control electronics, press systems monitoring indicators, and controls for all operations of the press.



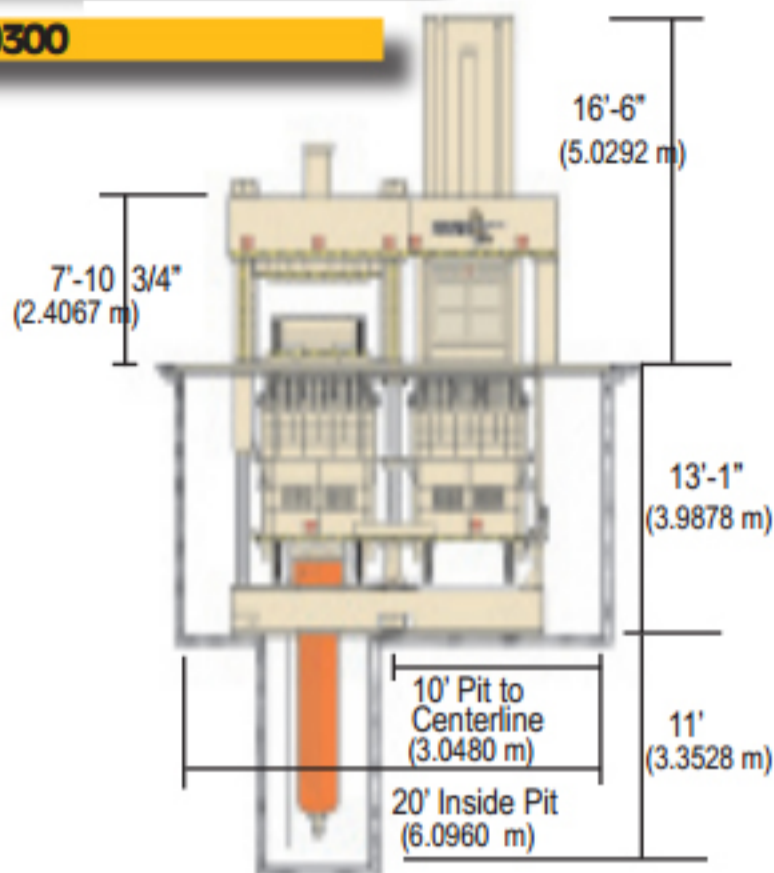
Hydraulic power for operation of the Model 9300 is supplied by electric motor driven pumps installed on one or two reservoirs. The primary reservoir for the mid capacity presses holds 1200 gallons of hydraulic oil. The optional booster pump unit holds 400 gallons of hydraulic oil. Piston and vane pumps supply oil to hydraulic control blocks for distribution to the pusher/belt feed, trampler, upper and lower rams circuits. The main pumping units are interconnected in one hydraulic tank. The reservoirs have removable service doors located on the tank top. A visual oil level gauge is provided on each reservoir. The tank interiors are baffled and braced to separate intake ports from return ports. A separate gear pump with a dedicated oil reserve supplies oil to the rotator, and box unlock circuits. Each pumping unit utilizes a dedicated filter/cooler pump that pumps oil through a screw-on type filter to either an oil/air or and oil/water cooler.

Continental Eagle

Model 9300 Up-Packing Press

Weights: (Approximate) 9300

Press (Complete)	89,300 lbs. (40506. Kgs.)
Upper Beam	11,060 lbs. (5016.7 Kgs.)
Lower Beam	15,900 lbs. (7212.1 Kgs.)
Upper Ram	2,900 lbs. (1315.4 Kgs.)
Lower Ram	9,900 lbs. (4490.6 Kgs.)
Lower Box	
9300 Press "20"X41".....	11,900 lbs. (5397.8 Kgs.)
9300 Press "20X54".....	12,070 lbs. (5474.9 Kgs.)
Upper Follower Block	
9300 Press "20X41".....	2,100 lbs. (952.54 Kgs.)
9300 Press "20X54".....	2,330 lbs. (1056.9 Kgs.)
End Column	3,420 lbs. (1551.3 Kgs.)
Center Column Assembly	3,450 lbs. (1564.9 Kgs.)
Ram Casing	5,715 lbs. (2592.3 Kgs.)
Pusher	2,840 lbs. (1288.2 Kgs.)



Basic Dimensions

9300 Technical Specifications - 60 BPH

Type:	20X54 in. Universal Density, Strip Box Press
Capacity:	Maximum 80+ bales per hour (with optional equipment)
Lower Ram:	18 in.dia X 121 in. Stroke. Maximum force output approximate 580 tons
Upper Ram:	12 in.bore X 8 1/2 in. rod X 44 in. stroke
Tramper Cylinder:	6 in. bore X 4 in. rod X 96 in stroke
Pusher Cylinder:	2 1/2 in. bore X 4 in. rod X 54 in stroke
Belt Feeder	
Motor RPM.....	360-400
Pump Displacement.....	5.4 cu.in/rev. (88.5 cu./rev)
Main Press Pumping Unit1200 gallons (4540 liters)	
Pump Motors.....	100 Hp, 230/460 v, 3ph
#1 Press Booster.....	100 Hp, 230/460 v, 3ph
Tramper / Pusher.....	100 Hp, 230/460 v, 3ph
Pump / Filter Unit.....	5.4 Hp, 230/460/380 v, 3ph (60 Hz Motors = 1800 rpm)
Pumps.....	Vane and Piston
Hydraulic Tank:.....	1200 gallons (4540 liters) removable top service doors
Booster Pumping Unit400 gallons (1513 liters)	
Pump Motors:.....	100 Hp, 1800 rpm,230/460 v, 3ph
#2 Press Booster.....	100 Hp, 230/460 v, 3ph
#2 Tramper Booster.....	100 Hp, 230/460 v, 3ph
Pump/Filter Unit.....	5.4 Hp, 230/460/380 v, 3ph (60 Hz Motors = 1800 rpm)
Pumps.....	Vane and Piston
Hydraulic Tank:.....	400 gallons (1513 liters) removable top service door
Rotator / Unlocking Pumping Unit	
Hydraulic Tank.....	20 gallons
Pump Motor.....	15 hp, 230/460 v,3ph
Pump.....	1.37 cu.in./rev (22.45 cu.cm./rev) Gear-Submerged

The 9300 was designed as a upgrade for the Continental 730 Press pit with minor foundation changes.



Rotator/Unlocking Pumping Unit

ALL CAPACITIES ARE SUBJECT TO COTTON VARIETIES, CONDITIONS AND PERSONNEL
ALL DESIGNS, SPECIFICATIONS AND RATINGS ARE SUBJECT TO CHANGE WITHOUT NOTICE

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