

# ACE Group

## 120" Paper Machine



Machine supplied by GL&V, Black Clawson and Beloit.

Grade kraft paper

Basis weight: 45 GSM to 120 GSM

Trim width at reel: 3048 mm (120")

Right hand machine

Average speed 630 m/min.

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Headbox GL&V

Pressurized type. DR2-16, 134" width

Headbox overall dimensions: 46", 202" width, 120" depth

44 actuators

Operation speed 2 200 fpm

Cairo Rep. Office: ACE Group

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Design speed 3000 fpm

15 000 USGPM, speed 640 m/min, consistency 0.2 to 0.55 %

Valmet Jetmatic control

Fourdrinier GL&V

Wire width 140.5"

59'3 lenght by 150" cc frame Cantilever

Couch roll - Millsdaugh Ltd

34" dia., suction roll

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Tri-Nip Press Beloit 140" face

First press

140" face, 23.5" dia

300 to 400 PLI operating pressure. Max: 400 PLI.

Second press

Suction press roll

140.25" face, 34.25" dia.

600 to 700 PLI operating pressure. Max: 800 PLI.

Third press

140" face, 27" dia.

400 to 500 PLI operating pressure. Max: 550 PLI.

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# ACE Group

Central roll

Micro Roc.

140" face, 37.25" dia.

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Dryer Beloit

46 dryers 130" face, 60" dia.

Design speed 3000 fpm

Operation speed 2200 fpm

Felt 134"

Operation pressure: 75 PSI.

Steam consumption

22 000 lb/h.

Hood, Economizer

Johnson Thermo compression steam system

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Size press

Top press: 134.25" face, 25" dia

Bottom press: 134.25" face, 24" dia

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Clupac paper chrincker

Extensible unit, 132" face built in 1959

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# ACE Group

Calander:

King roll: 130" face, 29.8125" dia.

Queen roll: 130" face, 20" dia.

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Scanner Metso Paper IQ

Control of humidity, thickness, Headbox auto slice, basis weight

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Reel Valmet

Machine type: M-Reel , design speed 3000 fpm

Drum: 130" face, 43.31" dia

Cast iron, single grooving

Max roll dia.: 77".

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Slitter rewinder Beloit - Model M 24-R-60

2 drums surface winder: 174.125" face, 24" dia

Rider roll 13½" dia.