

1

PRESS TECHNICAL SPECIFICATIONS

PAPER GRADES Coated Boxboard

- Caliper Range - Min. 14 pt.
- Max. 40 pt.
- Aver. 25 pt.
- Furnish 100% OCC
 - Base Ply, 70%
 - OCC 50%
 - ONP 50%
 - Top Ply, 30%
 - Clippings
 - Office Waste

TYPE OF PRESS - Modified Existing 1st - 4th Primary Press and 1st Main Press
- New Double Felted, Blind Drilled 2nd Main Press
- New Single Felted, Plain 3rd Main Press

DESIGN FEATURES:

- Frames (2nd & 3rd Main Press) . Modular Painted Steel Frames with T.S. Jacking Beams for Felt Changing
- Press Loading Pneumatic
- New Rolls - 2nd Main Press Top & Bottom
- 3rd Main Press Top & Bottom

HAND OF MACHINE *Left

* When looking toward reel from wet end, drive is on left

1

PRESS TECHNICAL SPECIFICATIONS (Cont.)

DRIVES DC Electric
w/Falk Gear Units

- Wet End Drive Points 1st Main Press Bottom Roll
(Making Felt, Main)
2nd Main Press Bottom Roll
2nd Main Press Top Roll
3rd Main Press Bottom Roll
3rd Main Press Top Roll
* (4) Suction Roll Helper

- * These new drives are not part of Valmet delivery.
(Supplied by others)

2

MAIN DIMENSIONAL DATA

2.1

Sheet & Felt

- Sheet Width 168.00
- Press Felt Width - Min. 164.00
- Des. 172.00
- Max. 174.00
- Press Felt Length See Sect. 3, Subsection 03

2.2

Press Nip Loads*

Maximum:

2nd Main Press 2000 PLI
3rd Main Press 2000 PLI

* Presses are pneumatically loaded

Normal Operating Range:

2nd Main Press 1200-1600 PLI
3rd Main Press 1000-1400 PLI

Start-Up Range:

2nd Main Press 1400 PLI
3rd Main Press 1200 PLI

2.3

Machine Speed

Design 800 FPM
Balance 1300 FPM

2.4

Press Overall Dimension Diagram

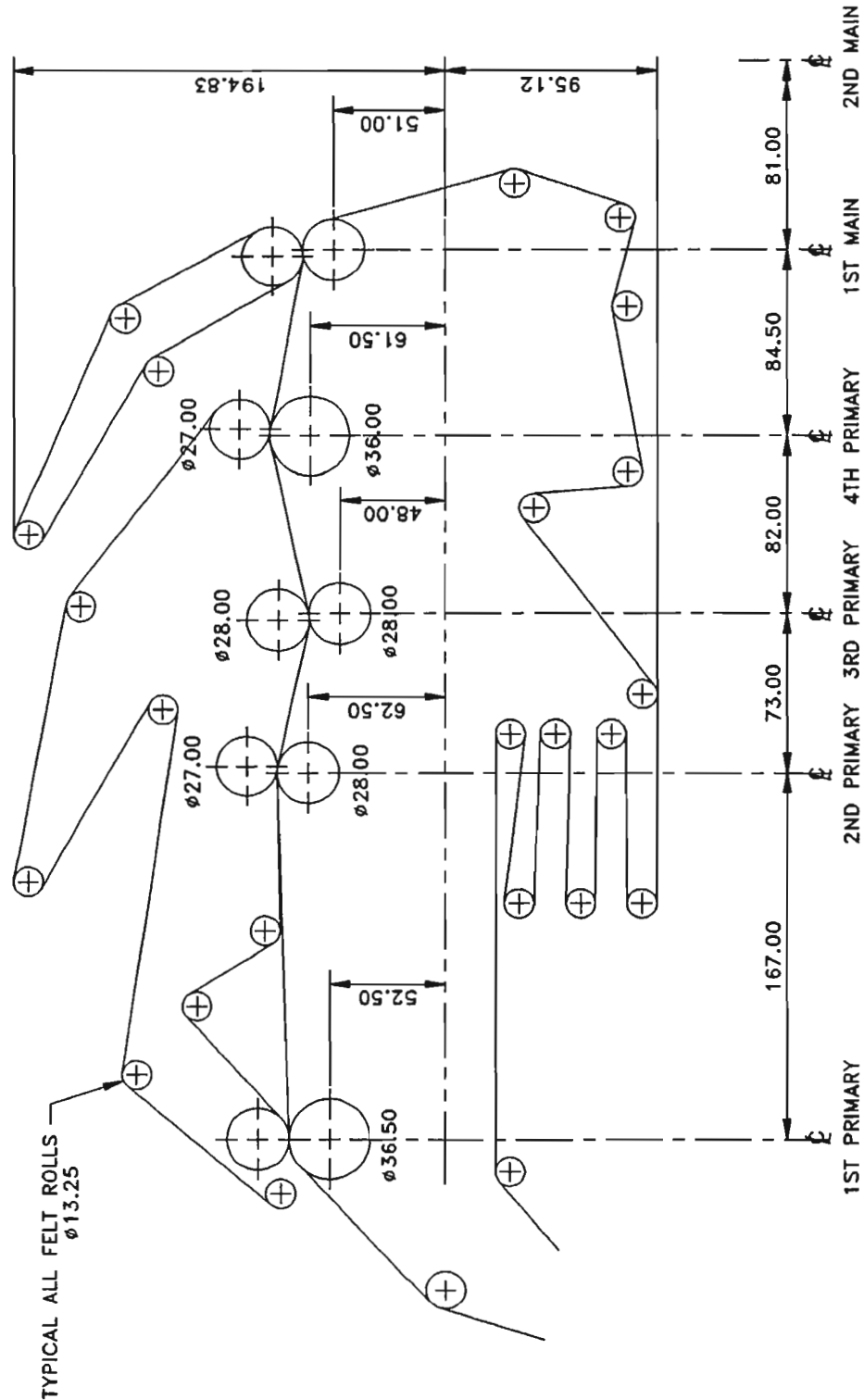


FIGURE 20A
(Ref. Dwg. 9U300-0360)

2.4

Press Overall Dimension Diagram (Cont.)

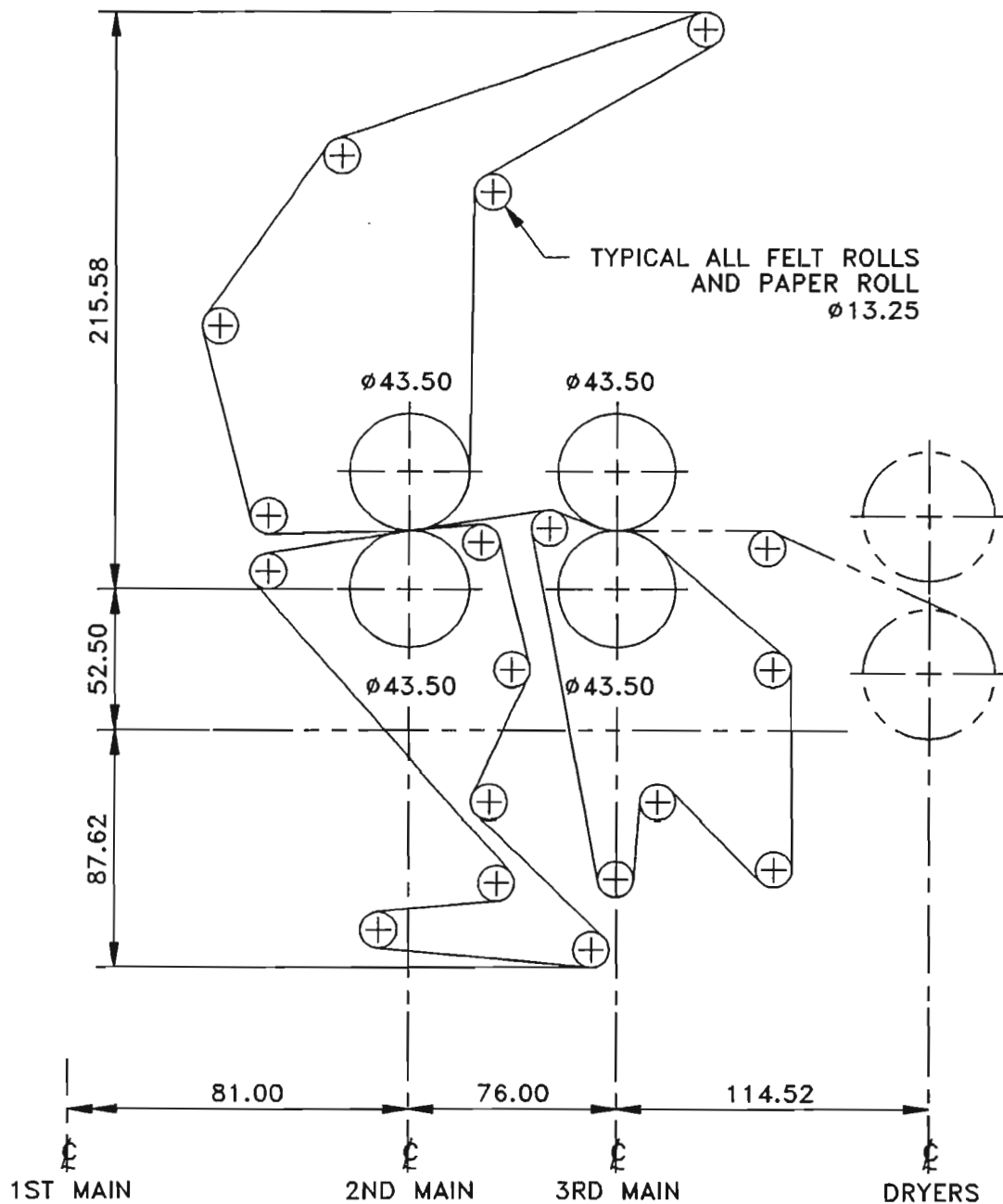


FIGURE 20B
(Ref. Dwg. 9U300-0360)

3**PRESS CONFIGURATION**

The press arrangement drawing 9U300-0360, sheet 1, gives a pictorial T.S. view of the new press configuration. A copy of the drawing is included in the Enclosure Section A at the end of this Section 2.

The old primary and main presses have been modified and/or replaced. The old primary and 1st main press top felt runs have been modified to accommodate new Valmet top felt stretchers and guiding equipment. New loading arms have been provided for the existing 1st primary press.

The 2nd & 3rd main presses have been replaced with two (2) Valmet high intensity (2000 PLI max.) presses. The new 2nd main press is a straight thru double felted press. The new 3rd main press is a straight thru single, bottom felted press.

The press section frames are a modular non-cantilevered design which support the auxiliary press equipment frames for items such as felt rolls, showers, guides, stretchers, felt Uhle boxes, etc.. The non-cantilevered frames are equipped with T.S. outboard frame extensions which are used to jack and support each frame module during felt changing.

Each felt run has its own felt conditioning equipment (Uhle boxes and showers) as well as felt guides and stretchers. Some existing equipment has been re-used as the new press arrangement drawing shows.

There is an "open draw" after the 1st, 2nd, and 3rd main presses which require manual threading of the sheet into the following press (dryer section for the 3rd main press).