



N.K.R. ENGINEERS PVT. LTD.

Mfg: Paper Mill Machinery

ISO 9001 : 2015 CERTIFIED COMPANY

Corporate Office & Works (Heavy Fabrication & Assembly Shop)

"Devashray" Near Express Highway, Opp. : Shreenand City, New Maninagar Road,
Vatva, Ahmedabad - 382 445, Gujarat, INDIA

Phone : 079 2584 0141 / 42 | +91 92272 28909

E-mail : nkr_eng@yahoo.com

Web Site : www.nkrengineer.com

Registered Office & Works (Rolls Manufacturing Facility)

3,4,5, Jay Khodiyar Industrial Estate,
Nr. Subhash Estate, CTM - Ramol Road,
Amraiwadi, Ahmedabad - 380 026.



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PROFILE

N.K.Group (N.K.Enterprise & N.K.R.Engineers Pvt. Ltd) was founded by engineers & technicians in the year 1997. The founder members had a vast experience of working in reputed large & medium paper mills and paper mills machinery manufacturers at key positions.

In order to provide a strong backbone to already growing group, today the group is well equipped to face technical need and is destined to be a dominant name in the industry. He has a strong technical background and is looking after technical activities viz. production, designing & inspection. His huge experience of more than 27 years in the industry is an asset to our organization.

We manufacture machinery as per high quality standards and we don't compromise on material used and standard manufacturing process. This results in best-finished paper quality and high production rate with minimum maintenance and production cost.

PROCESS FACILITIES

Hydraulic press upto 1500 tons capacity & Bending machines suitable for 5000 mm face and thickness 80 mm for making MG Cylinder upto 16' diameter & dryers upto 5000 mm face. A special grade casting foundry upto 1.5 tons capacity

Manufacturing of press rolls with shrink fitted gudgeons & journals upto 1200 mm diameters & 5000 mm face suited for a linear load of 200 kg/cm

Besides Casting & Bending, inhouse total machining & welding (Electric & Argon Arc)

Facility for all the offered products.

Inhouse dynamic balancing machine suitable for all products.

We are work on 3D Drawing for all items.

180⁺ SUCCESSFULLY SUPPLY & INSTALLATIONS OF PAPER MILLS & IT'S EQUIPMENT IN ASIAN & AFRICAN COUNTRIES

PLANT & FACILITY

- Plant area – 1,00,000 Sq. Ft.
- Built up area - 80,000 Sq. Ft.
- Lathe machines with automation for manufacturing high precision Press rolls, Felt rolls and Dryers

PRECISION EQUIPMENT INSTALLED FOR MANUFACTURING PAPER PLANTS

- TOS make CNC Boring machine
- TOS make automatic VTL machine.
- CNC Plasma Cutting machine
- Automatic Plano Miller machine
- Automatic Welding machines
- Hydraulic Press Capacity - up to 1500 Ton.
- Bending machine Capacity - upto 80 mm thickness & 5 Mt. Width
- Automatic CNC Cutting machine - 4.8 Mt X12.5 Mt X 100 mm thickness
- MIG Welding Machine

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Complete Machine Supplied by **NKR ENGINEERS PVT. LTD.**
From Pulp Section To Rewinder.

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HEAD BOX & WIRE PART SECTION

A. Head Box Assembly

B. Wire Part Section

Forming Board

Couch Roll With Bearing Housing Assembly

Breast Roll Shaking Arrangement

Single Hydro Foils

Ultra Low Vacuum Box

Suction Box

Tri Vac

S.S. Shower

Couch Pit Agitator

S.S. Doctor

S.S. Cladded Wire Part Frame with Cantilever Frame

Breast Roll with Bearing Housing Assembly

Wire Return Roll with Bearing Housing Assembly

Multi Hydro Foils

Low Vacuum Box

Duo Vac

Baggly Box

Vertical Stretcher

S.S. Auto Guide

FRP / S.S. Tray





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DRYER SECTION

- A. Dryer Cylinder (M.S. Fabricated) with Bearing Housing Assembly
- B. Heavy Duty Dryer Frame Assembly
- C. C.I. / Nylon Gear
- D. C.I. / Nylon Pinion
- E. 'K' / Vickery Type Doctor Holder Assembly
- F. Heavy Duty Stretcher Assembly
- G. Auto Guide
- H. Ebonite Coated Felt Roll with Bearing Housing Assembly
- I. Aluminum / Hard Chrome Platted Paper Roll



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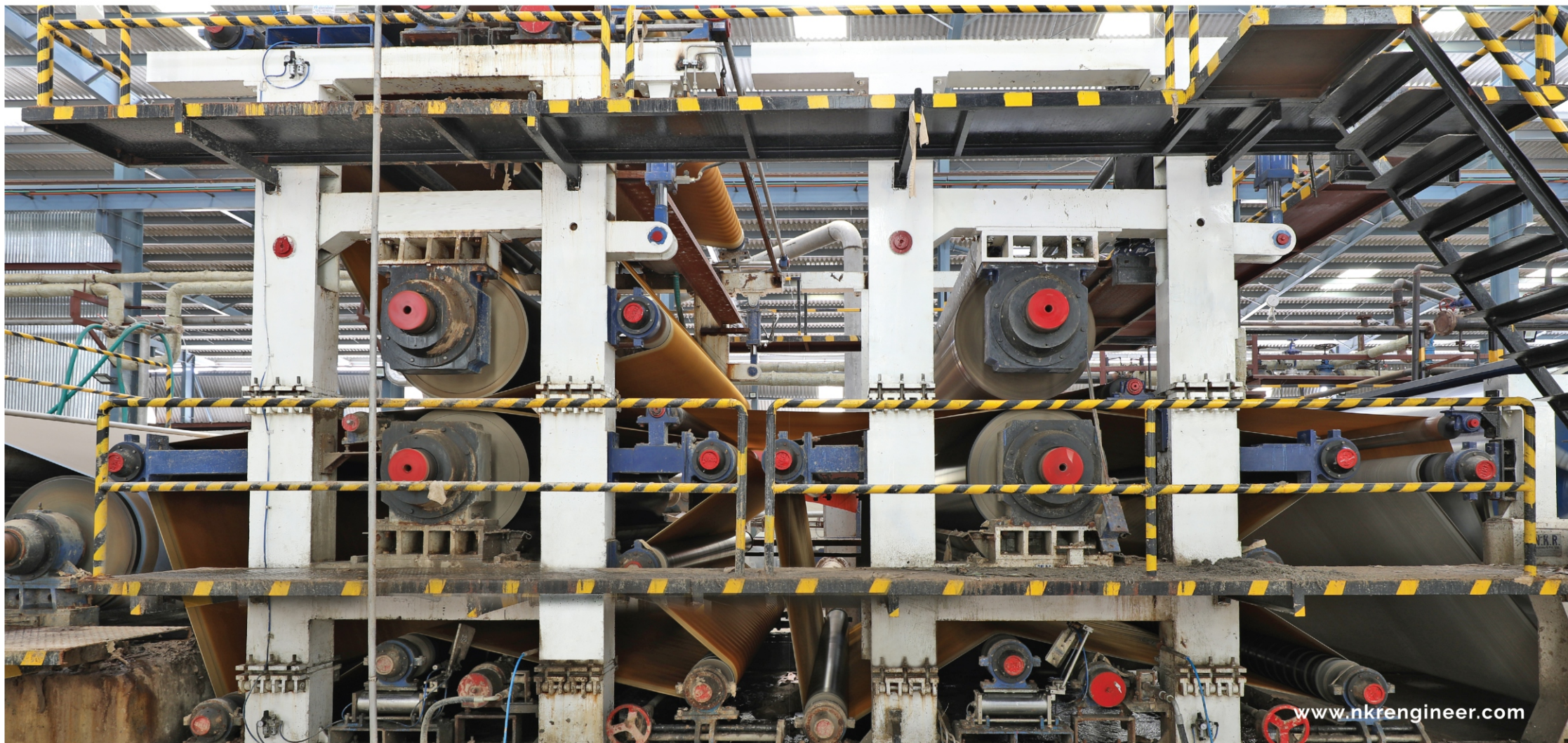


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PRESS SECTION

- A. Press Roll With Bearing Housing Assembly
- B. Heavy Duty Press Frame Assembly
- C. S.S. Tray
- D. 'K' / Vickery Type Doctor Holder Assembly
- E. Heavy Duty Stretcher Assembly
- F. Auto Guide
- G. S.S. Vacuum Box
- H. Ebonite Coated Felt Roll With Bearing Housing Assembly
- I. Shower with Geared Motor
- J. Aluminum / Hard Chrome Platted Paper Roll





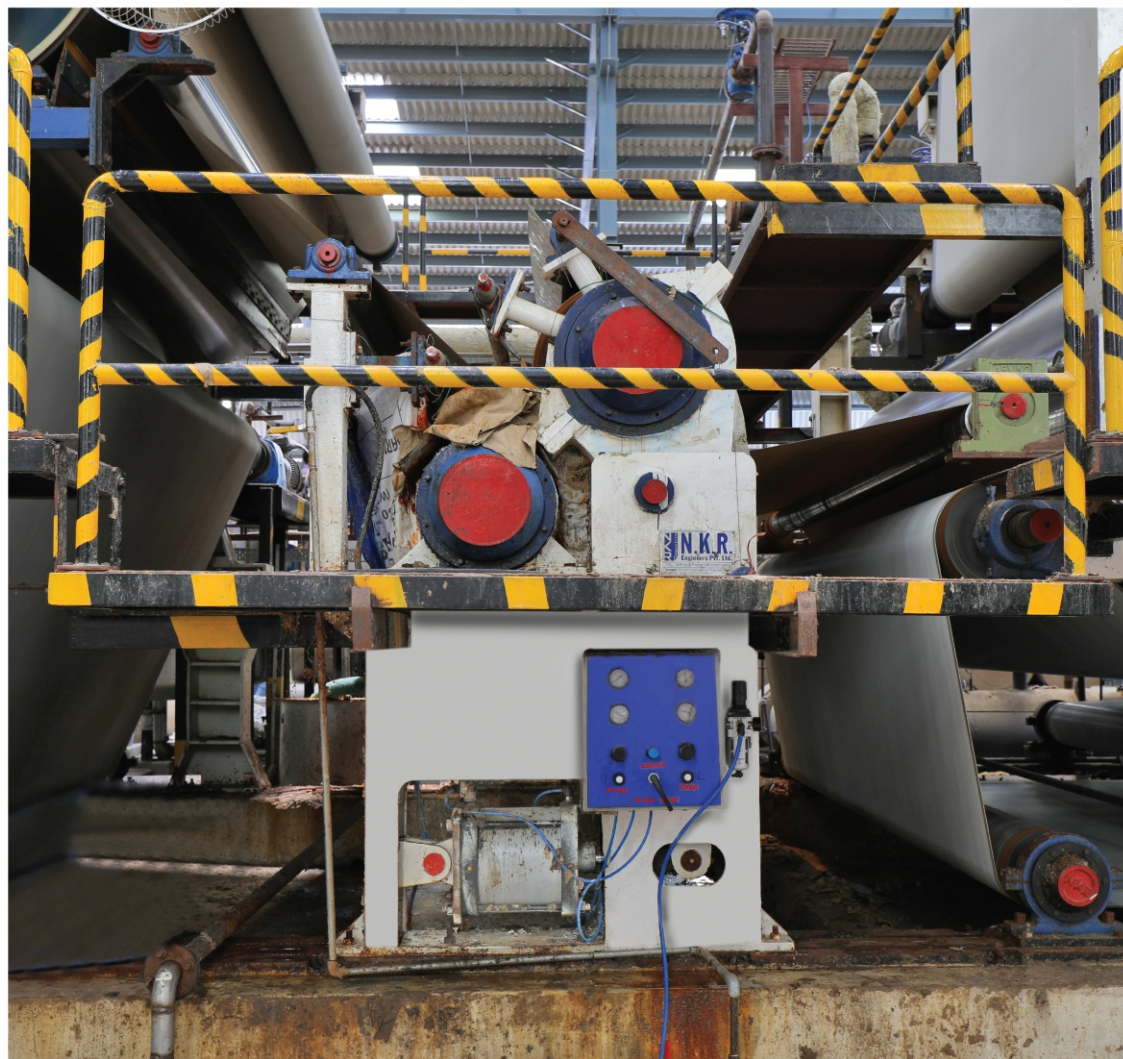
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SIZE PRESS SECTION

- A. Size Press Roll
- B. Size Press Frame Assembly
- C. S.S. Doctor
- D. S.S. Tray
- E. S.S. Shower



COLOUR KITCHEN ASSEMBLY

- A. Service Tank
- B. Storage Tank
- C. Cooker Tank
- E. Overflow Tank





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M.G. SECTION

- | | |
|--|---|
| A. M.G. Cylinder (M.S. Fabricated) with Bearing Housing Assembly | C. C.I. / M.S. Gear |
| B. Heavy Duty M.S. Fabricated Frame | E. Touch Roll with Loading & Unloading Assembly |
| D. M.S. / Nylon Pinion | G. Heavy Duty Stretcher Assembly |
| F. Doctor Holder Assembly (Fix / Oscillating) | I. Ebonite Coated Felt Roll with Bearing Housing Assembly |
| H. Auto Guide Assembly | K. Aluminum / Hard Chrome Platted Paper Roll |
| J. Hard Chrome Platted Dancing Roll | |

SECTIONAL DRIVE ARRANGEMENT

- | | |
|----------------------------------|-----------------------------------|
| A. Sectional Drives Arrangement | B. Silent Drive Arrangement |
| C. Heavy Duty Universal Coupling | D. Heavy Duty Gearbox Arrangement |
| E. M.S. Base Frame | |





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CALENDAR ASSLY.

- A. Chilled Casted (Imported) Roll**
- B. Calendar Frame Assembly**
- C. 'K' / Vickery Type Doctor Holder Assembly**



POPE REEL SECTION

- A. Pope Reel Frame Assembly**
- B. Heavy Duty Pope Reel Drum With Bearing Housing Assembly**
- C. 'K' / Vickery Type Doctor Holder Assembly**
- D. Primary & Secondary Arm**
- E. Heavy Duty Tambour Roll with Bearing Housing Assembly**





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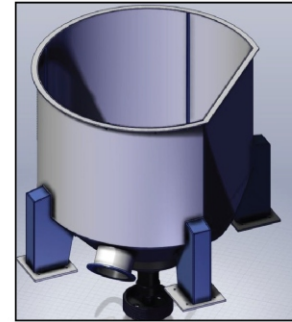
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REWINDER ASSEMBLY

- A. Extra Heavy Duty Rewinder Frame Assembly
- B. Cutter roll
- C. Hard Chrome Platted Dancing Roll
- D. Unwind Stand with Break Drum Assembly

PULP SECTION

'D' TYPE PULPER



HYDRO PULPER



CHEST AGITATORS



DECKER THICKENER



TURBO SEPARATOR



CENTI CLEANER



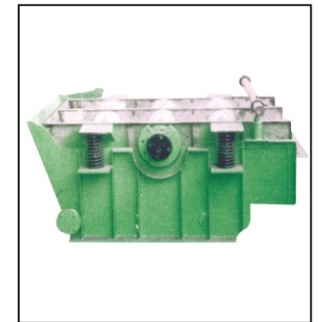
S. R. BOX



SLAT CONVEYOR

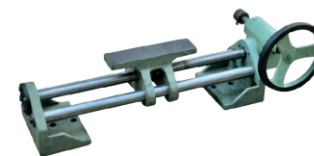


VIBRATING SCREEN

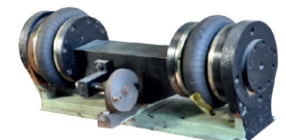
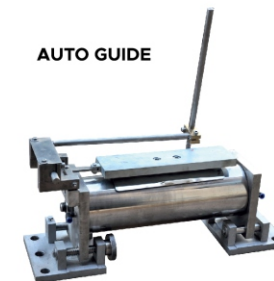


OTHER EQUIPMENTS

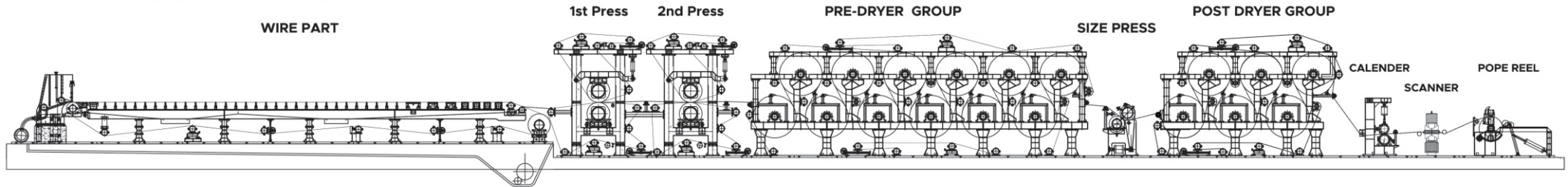
FELT STRETCHER



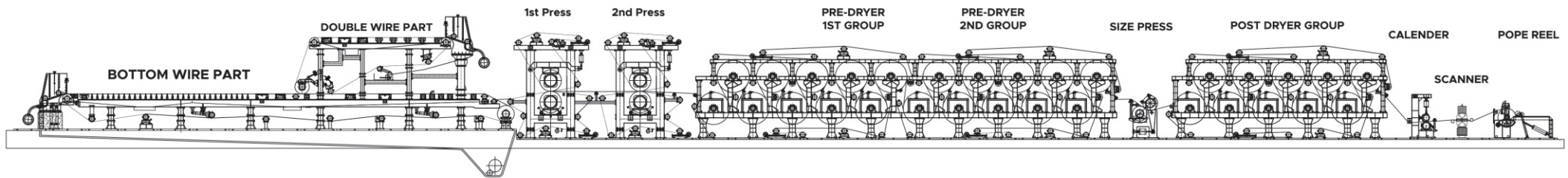
AUTO GUIDE



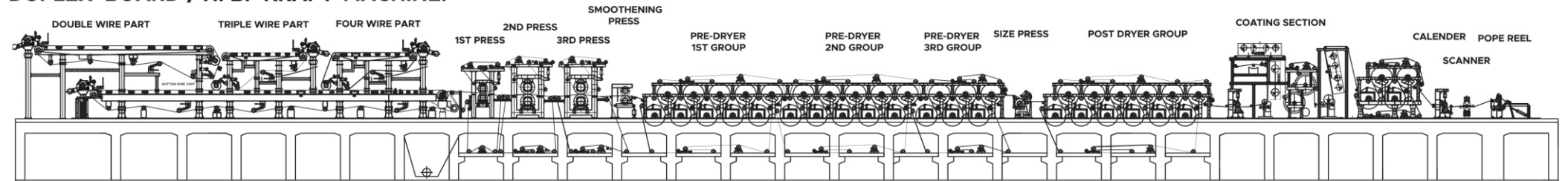
GENERAL ARRANGEMENT OF 100/125 TPD CAPACITY KRAFT PAPER MACHINE PLANT.



GENERAL ARRANGEMENT OF 150/175 TPD CAPACITY HI-BF KRAFT PAPER MACHINE PLANT.



GENERAL ARRANGEMENT OF 200/225 TPD CAPACITY DUPLEX BOARD / HI BF KRAFT MACHINE.



GENERAL ARRANGEMENT OF 225 / 250 TPD CAPACITY DUPLEX BOARD MACHINE

