



Vanguard

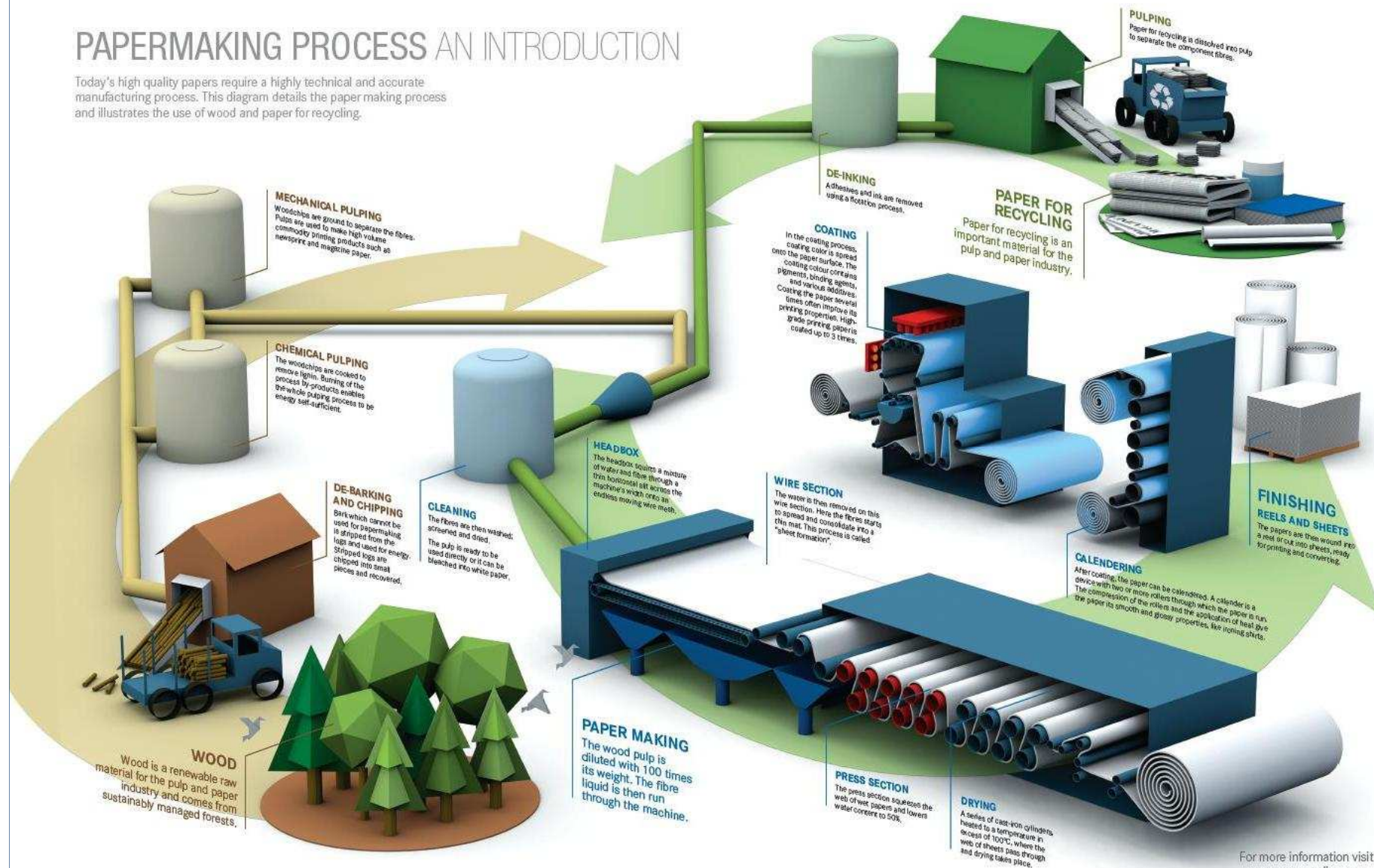
COMPAGNIA ITALIANA LUBRIFICANTI

MOLYguard

CARTIERA

PAPERMAKING PROCESS AN INTRODUCTION

Today's high quality papers require a highly technical and accurate manufacturing process. This diagram details the paper making process and illustrates the use of wood and paper for recycling.



SCHEGGIATURA LEGNO



Cuscinetti
Accoppiamento

Scheggiatura
MOLYguard GS COMPLEX
MOLYguard GS ROLLER DR 1/2

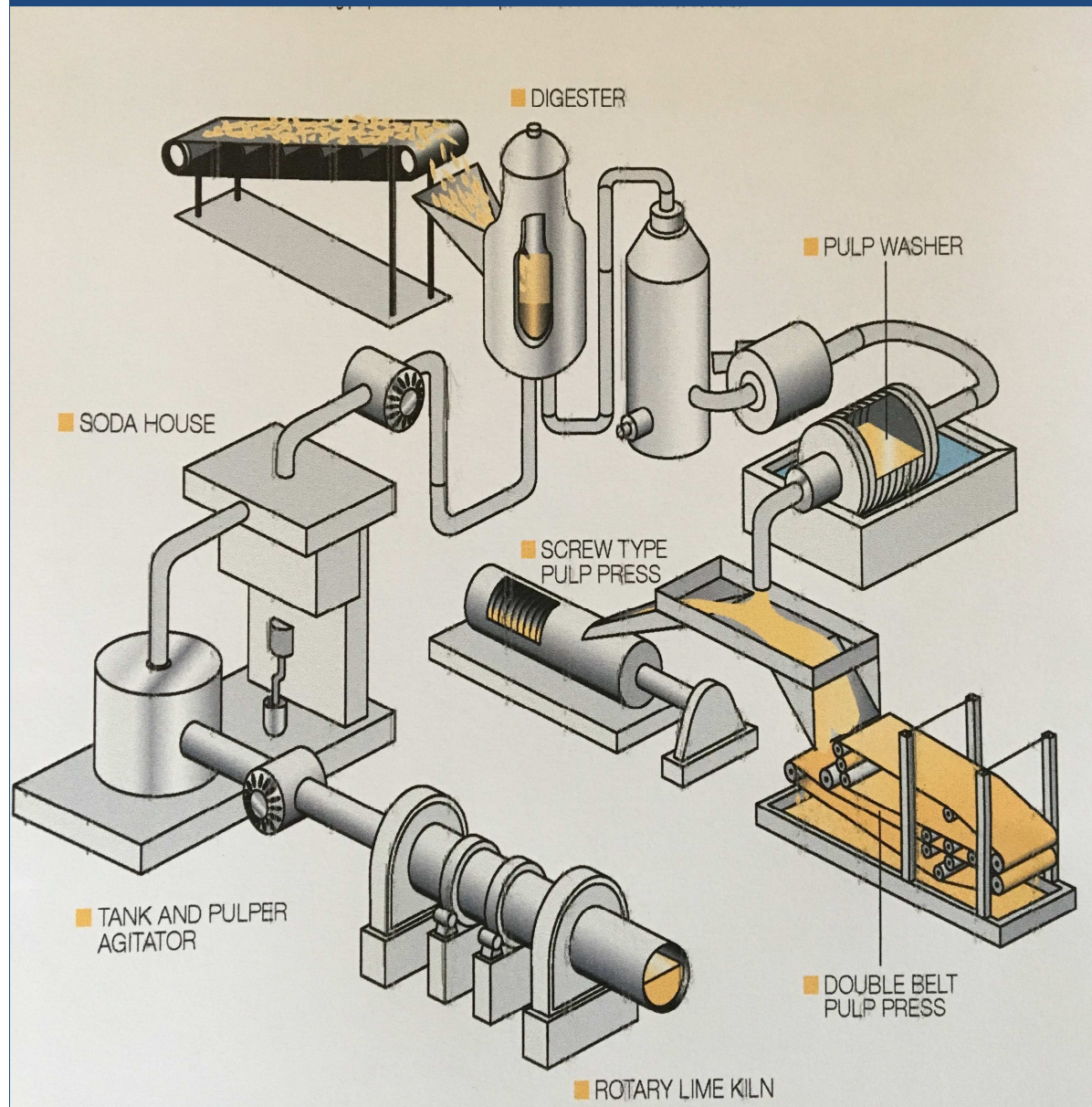
Cuscinetti
Corona dentata

Cesellatrice
MOLYguard GS COMPLEX
MOLYguard GS ROLLER DR 1/2

Macinazione

Catena MOLYguard GS ROLLER DR 1/2
Guida MOLYguard MOLYGREASE BS 2

PRODUZIONE CELLULOSA



SODA

Pompa tiraggio indotta
MOLYguard GS 5110-A

Omogenizzatore

Cuscinetti
MOLYguard GS ROLLER DR 1/2

Riduttori
MOLYguard GEAR SINT EP

Agitatore serbatoio cellulosa

Cuscinetti
MOLYguard GS COMPLEX

Riduttori
MOLYguard GEAR SINT EP

PRODUZIONE CELLULOSA

FORNO ROTATIVO

Ingranaggio in aperto

MOLYguard I.SCO/10

Cuscinetti

MOLYguard GS ROLLER DR 1/2

LAVAGGIO CELLULOSA

Cuscinetti

MOLYguard BLU GREASE

Cuscinetti lubrificati ad olio

MOLYguard GEAR SINT EP

VITE SENZA FINE - PRESSA CELLULOSA

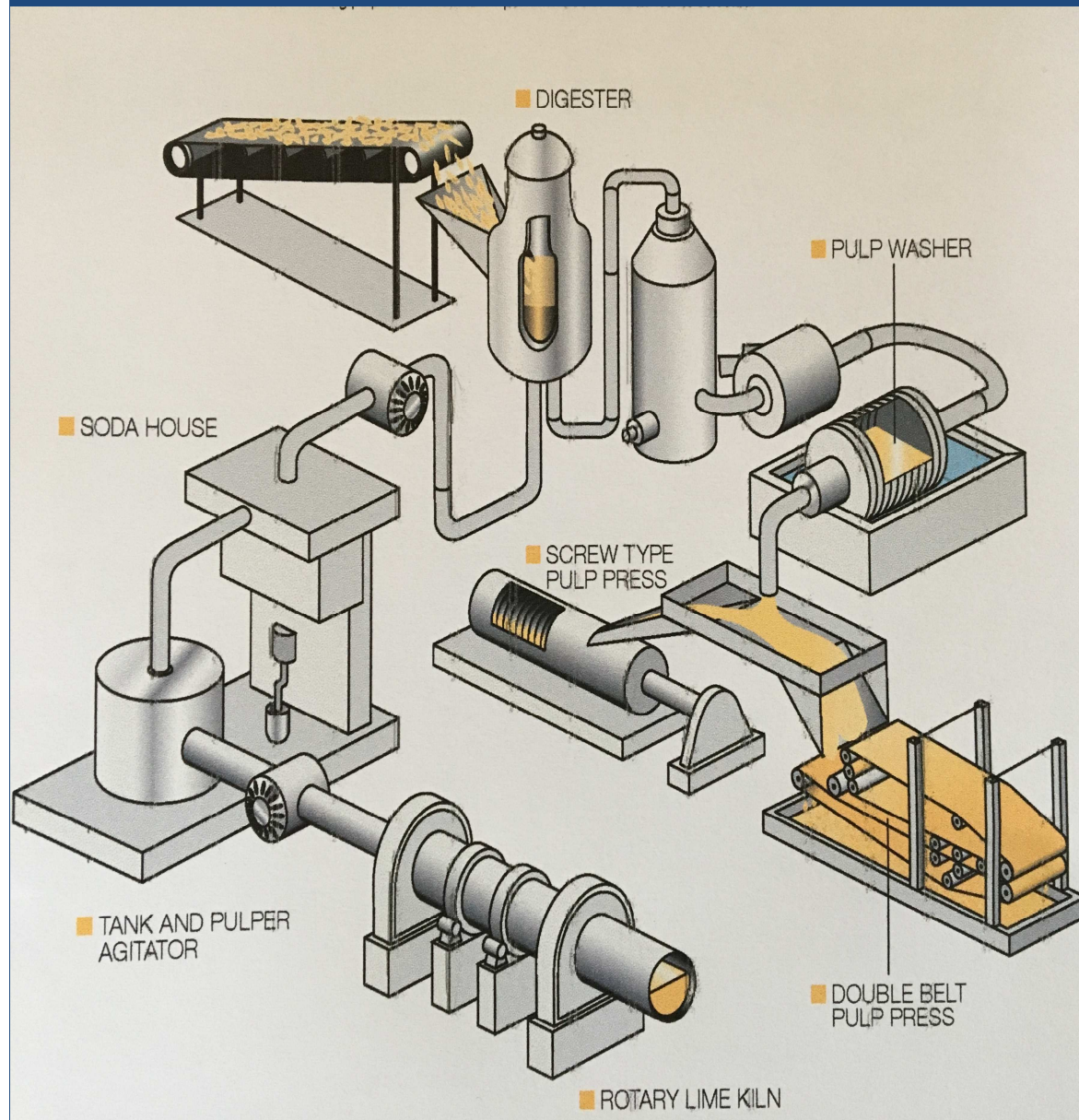
Cuscinetti

MOLYguard GS ROLLER DR 1/2

NASTRO TRASPORTO - PRESSA CELLULOSA

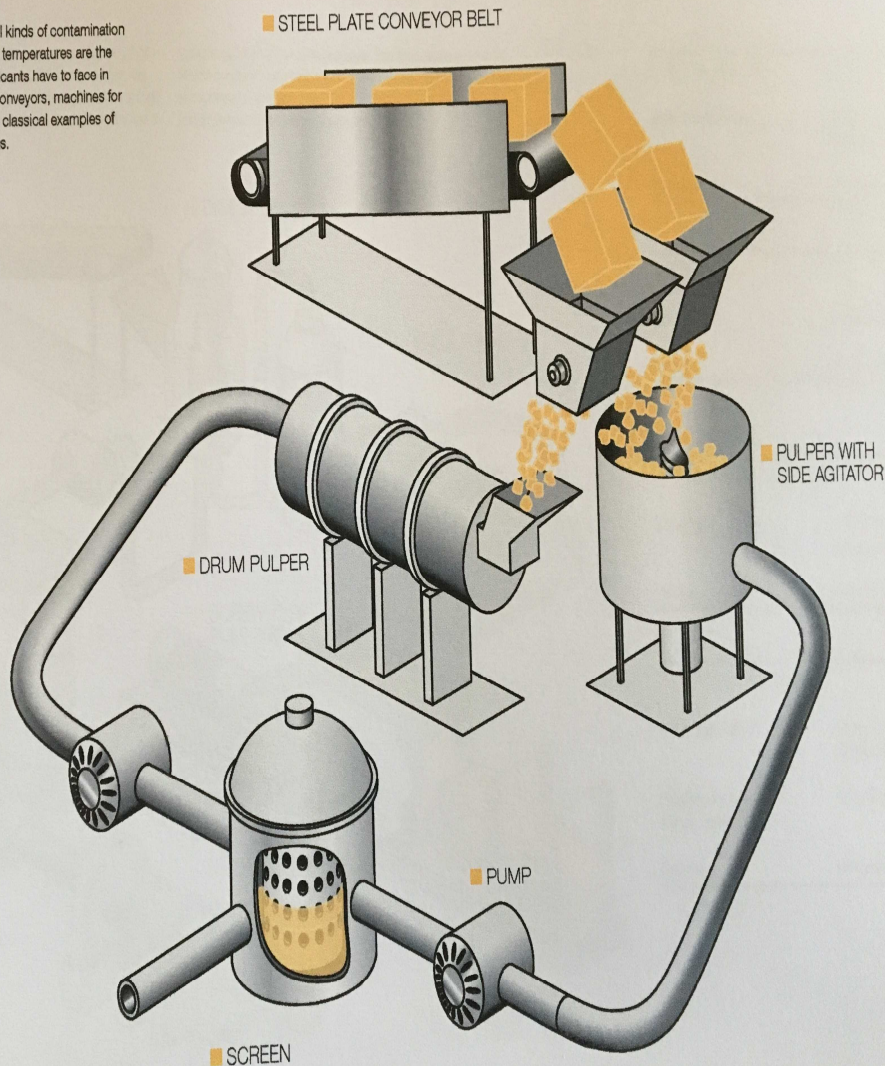
Cuscinetti

MOLYguard GS ROLLER DR 1/2



TRASPORTO CARTA RICLICATA

Severe moisture effects, high loads, all kinds of contamination from the recovered paper and varying temperatures are the particular requirements specialty lubricants have to face in this process. Alongside pulpers and conveyors, machines for transporting and suspending pulp are classical examples of high-performance lubricant applications.



NASTRO TRASPORTATORE

Catena

MOLYguard GEAR SINT EP 32

CONTENITORE CELLULOSA

Ingranaggio

MOLYguard I.SCO/10

Cuscinetti

MOLYguard GS ROLLER DR 1/2

AGITATORE CELLULOSA

Cuscinetti

MOLYguard GS HTK

POMPA

Lubrificazione cuscinetti pompa

MOLYguard GEAR SINT EP

Accoppiament

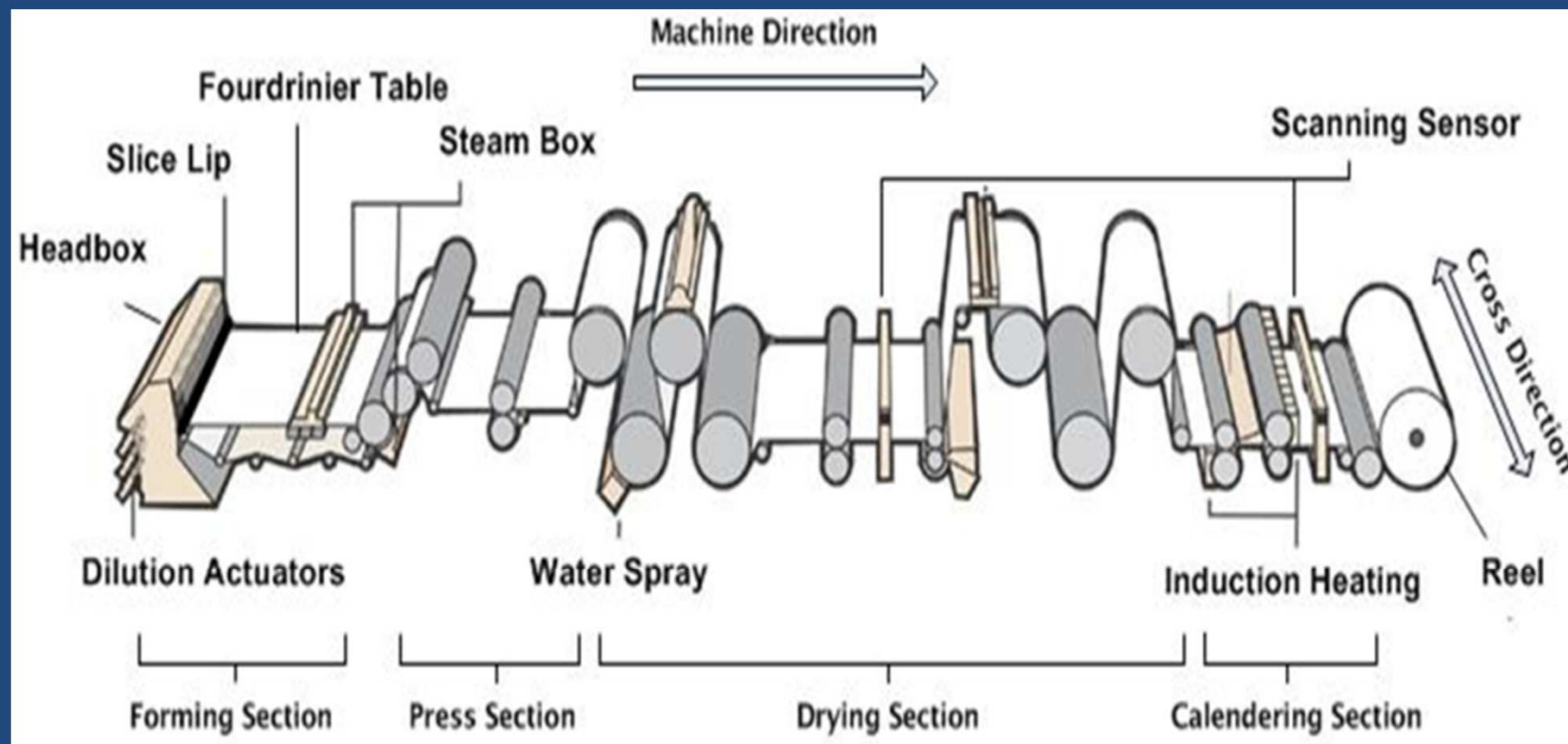
MOLYguard GS ROLLER DR 1/2

SELEZIONE

Cuscinetti e Accoppiamento

MOLYguard GS ROLLER DR 1/2

PRODUZIONE CARTA - CARTONE



ESSICATOIO

Riduttori

MOLYguard GEAR SINT EP

Allargatore

MOLYguard GS LT2

Trasporto rotoli

MOLYguard GS 5110-A

Cuscinetti riscaldati

MOLYguard GS 5110-A

Guarnizione

MOLYguard DMP/PTFE

PRESSA

Cuscinetti

MOLYguard GS ARTIC

Cuscinetti con olio

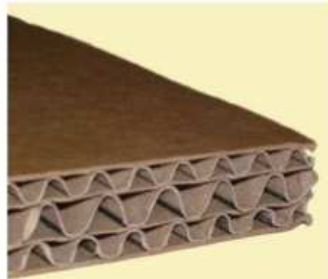
MOLYguard GEAR SINT EP

CORRUGATORE

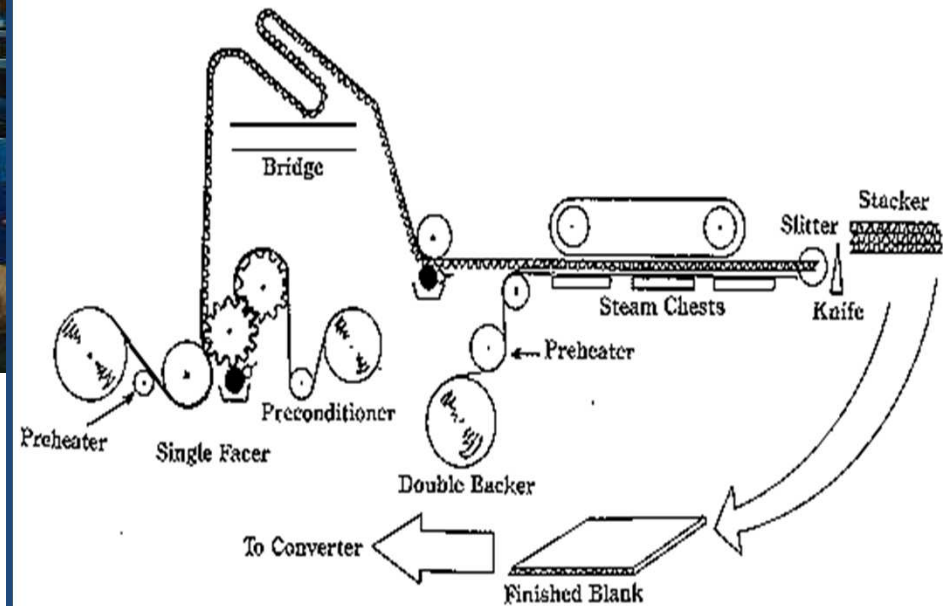


Flutes in Corrugation

- ▶ Corrugating is defined as the imparting of wave-like shape to a paper. Kraft paper or fluting media paper is passed through heated corrugated rolls to obtain continuous rolling, wave-like shape. These are called flutes.
- ▶ When we look at the edge of Corrugated Paper Board, we will see a row of air columns. The air acts as cushion, while the paper columns make the material strong.



Corrugating Process



CORRUGATORE

Cuscinetti MOLYguard GS 5110-A

Olio Idraulico

MOLYguard HYDRO SINT

Vanguard

COMPAGNIA ITALIANA LUBRIFICANTI



MOLYguard

COMPAGNIA ITALIANA LUBRIFICANTI SpA

20145 MILANO - Largo Domodossola, 7 - Tel. 02 34553.1 Fax. 02 3490417
e-mail: cil@compagniaitalianalubrificanti.it - www.compagniaitalianalubrificanti.com