

**THE ART OF PAPER-MAKING; A PRACTICAL
HANDBOOK OF THE MANUFACTURE OF
PAPER FROM RAGS, ESPARTO, STRAW,
AND OTHER FIBROUS MATERIALS,
INCLUDING THE MANUFACTURE OF PULP
FROM WOOD FIBRE**

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The art of paper-making; a practical handbook of the manufacture of paper from rags, esparto, straw, and other fibrous materials, including the manufacture of pulp from wood fibre by Alexander Watt

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ALEXANDER WATT

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THE
ART OF PAPER-MAKING

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PREFACE.

IN the present volume, while describing the various operations involved in the manufacture of paper, the Author has endeavoured to render the work serviceable as a book of reference in respect to the processes and improvements which have from time to time been introduced, and many of which have been more or less practically applied either at home or abroad.

The recovery of soda from waste liquors has been fully dealt with, and the details of several applied processes explained.

Special attention has also been directed to some of the more important methods of producing pulp from wood fibre, since it is highly probable that from this inexhaustible source the paper-maker will ultimately derive much of the cellulose used in his manufacture. Indeed it may be deemed equally probable, when the processes for disintegrating wood fibre, so largely applied in America and on the Continent, become better understood in this country, that their adoption here will become more extensive than has hitherto been the case.

To render the work more readily understood alike by the practical operator and the student, care has been taken to avoid, as far as possible, the introduction of unexplained technicalities ; at the same time it has been the writer's aim to furnish the reader with a variety of information which, it is hoped, will prove both useful and instructive.

It is with much pleasure that the Author tenders his sincere thanks to Mr. Sydney Spalding, of the Horton Kirby Mills, South Darenth, for his kind courtesy in conducting him through the various departments of the mill, and for explaining to him the operations performed therein. To Mr. Frank Lloyd he also acknowledges his indebtedness for the generous readiness with which he accompanied him over the *Daily Chronicle* Mill at Sittingbourne, and for the pains he took to supply information as to certain details at the Author's request. His best thanks are also due to those manufacturers of paper-making machinery who supplied him with many of the blocks which illustrate the pages of the book.

CONTENTS.

CHAPTER I.

CELLULOSE.

	PAGE
Cellulose—Action of Acids on Cellulose—Physical Characteristics of Cellulose—Micrographic Examination of Vegetable Fibres—Determination of Cellulose—Recognition of Vegetable Fibres by the Microscope	1

CHAPTER II.

MATERIALS USED IN PAPER-MAKING.

Raw Materials—Rags—Disinfecting Machine—Straw—Esparto Grass—Wood—Bamboo—Paper Mulberry	9
--	---

CHAPTER III.

TREATMENT OF RAGS.

Preliminary Operations—Sorting—Cutting—Bertrams' Rag-cutting Machine—Nuttall's Rag-cutter—Willowing—Bertrams' Willow and Duster—Dusting—Bryan Donkin's Duster or Willow—Donkin's Devil	19
--	----

CHAPTER IV.

TREATMENT OF RAGS (continued).

Boiling Rags—Bertrams' Rag-boiler—Donkin's Rag-boiler—Washing and Breaking—Bertrams' Rag-engine—Bentley and Jackson's Rag-engine—Draining—Torrance's Drainer	29
--	----

CHAPTER V.

TREATMENT OF ESPARTO.

	PAGE
Preliminary Treatment—Picking—Willowing Esparto—Boiling Esparto—Sinclair's Esparto Boiler—Roekner's Boiler—Mallery's Process—Carbonell's Process—Washing Boiled Esparto— Young's Process—Bleaching the Esparto	40

CHAPTER VI.

TREATMENT OF WOOD.

I. CHEMICAL PROCESSES—Watt and Burgess's Process—Sinclair's Process—Keegan's Process—American Wood-pulp System— Aussedat's Process—Acid Treatment of Wood—Pictet and Brélaz's Process—Barro and Blondel's Process—Poncharac's Process—Young and Pettigrew's Process—Fridet and Matus- sière's Process	53
--	----

CHAPTER VII.

TREATMENT OF WOOD (continued).

Sulphite Processes—Francke's Process—Ekman's Process—Dr. Mit- scherlich's Process—Ritter and Kellner's Boiler—Partington's Process—Blitz's Process—M'Dougall's Boiler for Acid Pro- cesses—Graham's Process—Objections to the Acid or Sulphite Processes—Sulphite Fibre and Resin—Adamson's Process— Sulphide. Processes—II. MECHANICAL PROCESSES—Voelter's Process for preparing Wood-pulp—Thune's Process	68
---	----

CHAPTER VIII.

TREATMENT OF VARIOUS FIBRES.

Treatment of Straw—Bentley and Jackson's Boiler—Boiling the Straw—Bertrams' Edge-runner—M. A. C. Mellier's Process— Manilla, Jute, &c. — Waste Paper—Boiling Waste Paper— Ryan's Process for Treating Waste Paper	80
--	----

CHAPTER IX.

BLEACHING.

	PAGE
Bleaching Operations—Sour Bleaching—Bleaching with Chloride of Lime—Donkin's Bleach Mixer—Bleaching with Chlorine Gas (Glaser's Process)—Electrolytic Bleaching (C. Watt's Process)—Hermite's Process—Andreoli's Process—Thompson's Process—Lunge's Process—Zinc Bleach Liquor—Alum Bleach Liquor—New Method of Bleaching	89

CHAPTER X.

BEATING OR REFINING.

Beating—Mr. Dunbar's Observations on Beating—Mr. Arnot on Beating Engines—Mr. Wyatt on American Refining Engines—The Beating Engine—Forbes' Beating Engine—Umpherston's Beating Engine—Operation of Beating—Test for Chlorine—Blending	101
--	-----

CHAPTER XI.

LOADING.—SIZING.—COLOURING.

Loading—Sizing—French Method of preparing Engine Size—Zinc Soaps in Sizing—Colouring—Animal or Tub Sizing—Preparation of Animal Size—American Method of Sizing—Machine Sizing—Double-sized Paper—Mr. Wyatt's Remarks on Sizing	114
--	-----

CHAPTER XII.

MAKING PAPER BY HAND.

The Vat and Mould—Making the Paper—Sizing and Finishing	129
---	-----

CHAPTER XIII.

MAKING PAPER BY MACHINERY.

The Fourdrinier Machine—Bertrams' Large Paper Machine—Stuff Chests—Strainers—Revolving Strainer and Knotter—Self-	
---	--