Contents

PREFACE ix
CHRONOLOGY xii
INTRODUCTION 1

ONE  LOOKING INSIDE 19

1 Tourists
George Dodd / A Day at a Hat-Factory (1843) 21
Harriet Martineau / What There Is in a Button (1852) 36
Lady Bell / The Process of Ironmaking (1907) 48

2 Investigators
Charles Babbage / On the Method
  of Observing Manufactory (1832) 61
Emilia Dilke / The Industrial Position of Women (1893) 64

3 Historians
Edward Baines, Jr. / Inventions in Spinning Machines (1835) 70

TWO  MACHINES AND MANAGEMENT 83

4 Theory
Adam Smith / Of the Division of Labor (1776) 85
Robert Owen / from A Statement Regarding the New Lanark
  Establishment (1812) 92
David Ricardo / On Machinery (1821) 100
Thomas Carlyle / Captains of Industry (1843)  108  
Karl Marx / The Factory (1867)  113  

5  Practice  
George Beaumont / from The Beggar's Complaint (1813)  122  
Charles Babbage / from On the Economy of Machinery and Manufactures (1832)  138  
Andrew Ure / General View of Manufacturing Industry (1835)  152  
Francis Place / Hand Loom Weavers and Factory Workers: A Letter to James Turner, Cotton Spinner (1835)  165  
The Effects of Machinery on Manual Labor, and on the Distribution of the Produce of Industry (1842)  177  

THREE  CALCULATING LOSSES  183  

6  Childhood and Domesticity  
James Phillips Kay-Shuttleworth / from The Moral and Physical Condition of the Working Classes (1832)  185  
Peter Gaskell / Separation of Families (1833)  192  
Thomas Macaulay / Speech on the Ten Hours Act: Delivered in the House of Commons on the 22d of May, 1846 (1846)  200  

7  Limbs and Lives  
Richard Oastler / Yorkshire Slavery (1830)  215  
Charles Wing / Parliamentary Testimony on Child Labour (1837)  218  
Friedrich Engels / from Single Branches of Industry (1845)  251  
Henry Morley / Ground in the Mill (1854)  261  
John Ward (O’Neil) / From His Diary (1860)  266  

FOUR  BY HAND  281  

8  The Humanity of the Handmade  
John Ruskin / The Nature of Gothic (1853)  283  
9  "Manual" Labor and National Independence

Mahatma Gandhi / The Duty of Spinning (1921)  297
   Hand-Spinning Again (1921)  298
   The Secret of Swaraj (1921)  300

GLOSSARY  303
CONTRIBUTORS' BIOGRAPHIES  305
SUGGESTIONS FOR FURTHER READING  312
INDEX  315