

ARMS AND ENLIGHTENMENT
IN FRANCE, 1763-1815

Ken Alder
"

PRINCETON UNIVERSITY PRESS
PRINCETON, NEW JERSEY

CONTENTS

| | |
|---|-----|
| <i>List of Illustrations</i> | ix |
| <i>Preface</i> | xi |
| <i>Acknowledgments</i> | xv |
| INTRODUCTION | |
| A Revolution of Engineers? | 3 |
| PART ONE | |
| <i>Engineering Design: Capital into Coercion, 1763–1793</i> | |
| CHAPTER ONE | |
| The Last Argument of the King | 23 |
| CHAPTER TWO | |
| A Social Epistemology of Enlightenment Engineering | 56 |
| CHAPTER THREE | |
| Design and Deployment | 87 |
| PART TWO | |
| <i>Engineering Production: Coercion into Capital, 1763–1793</i> | |
| CHAPTER FOUR | |
| The Tools of Practical Reason | 127 |
| CHAPTER FIVE | |
| The Saint-Etienne Armory: Musket-Making and the End of the Ancien Régime | 163 |
| CHAPTER SIX | |
| Inventing Interchangeability: Mechanical Ideals, Political Realities | 221 |
| PART THREE | |
| <i>Engineering Society: Technocracy and Revolution, 1794–1815</i> | |
| CHAPTER SEVEN | |
| The Machine in the Revolution | 253 |
| CHAPTER EIGHT | |
| Terror, Technocracy, Thermidor | 292 |

CHAPTER NINE

Technological Amnesia and the Entrepreneurial Order 319

CONCLUSION 344

Abbreviations 353

Notes 355

Bibliography 421

Index 457