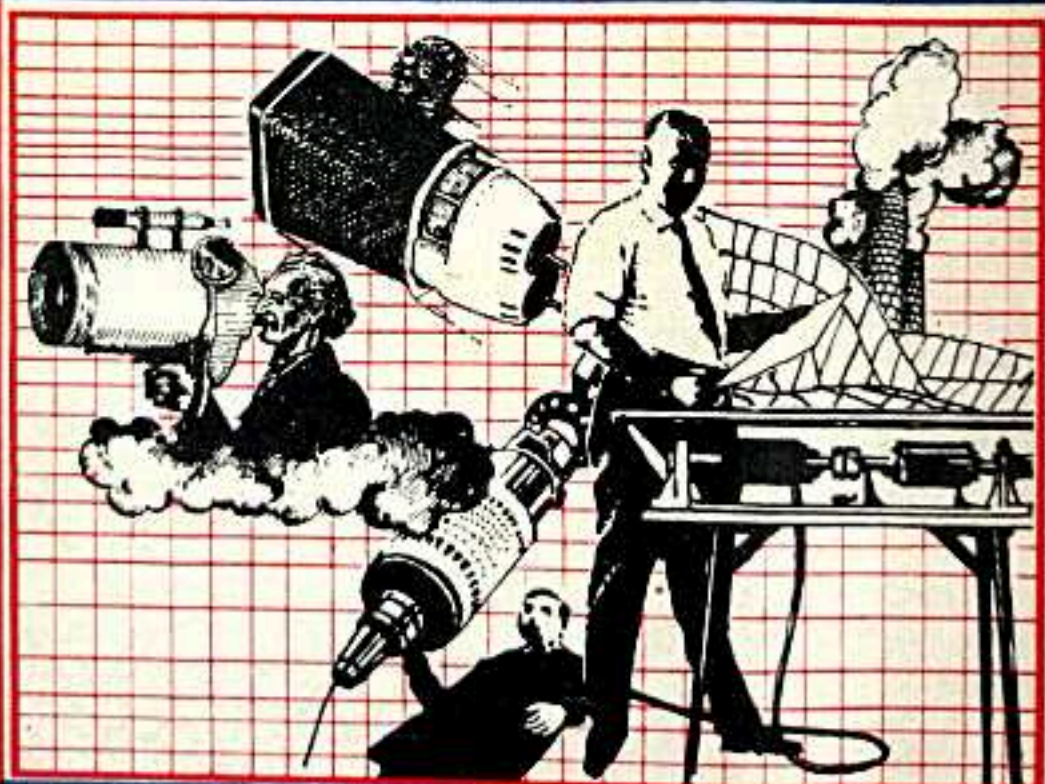


Machines of the 20th Century

Mir Publishers

Moscow



E. Muslin

Machines of the 20th century

E. MUSLIN

Translated from the Russian by
V. VOPYAN

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Contents

Preface	7
1. Materials—Flesh and Blood of Modern Machines	9
2000 Times Stronger Than Steel	11
Steel as Soft as Wax	17
A Plastic Matryoshka as a Reduction Gear	19
1000 Times the Heat Conduction of Silver	27
Chromoplastic and Chromoplasticity	35
Wing Made of Balls	36
Friction Without Wear	38
Uncrowning the Involute	45
2. Meaningful Noises: Flaw Detection and Control	49
Foucault Currents in the Role of Sherlock Holmes	49
Pigeons as Assembly Line Inspectors	55
The Smell of Drill: a Sign Not to Be Overlooked	63
Gauge from a Rainbow	67
Pressurized Airscrew	71
3. Giants of Modern Machine Construction	72
Mechanical Titans	75
Agrobridge, a Giant Agricultural Machine	94
Midget Machines with Huge Productivity	99
The Needs of "Gulliver"	111
4. Electric "Sphynxes" Break Traditions	120
Magnetohydrodynamic AC Generator	120
Electricity and Fertilizers from a Gas Stream	125
Multimillion-Volt Generator	132

Piston-Operated Generator	139
Mirror Switch	140
Electromotor from Ball Bearings	141
5. Jet Engine Down from Heaven	142
By Rocket from the Depth of the Earth	142
Jet Mill	149
Jet Engine Drills Earth	151
Jet Engine in Reverse	152
Jet Engine in a Fire Helmet	162
Jet Engines Clean Railroad Tracks	164
6. Machines Dig Earth	165
Beam-Control Device	165
Pick-Hammer Made of Plastic	172
Leaping Wheel	182
Excavator Drills Dams	184
Fire-Spitting Excavator	187
7. Machine-Making Machines	191
Light-Controlled Machine-Tool	192
Wriggling Machine-Tool	197
Heating and Cooling Mirror	201
Machine-Tool with a Float	205
Laser and Electric Shaver	209
Magnetic Field Assembles Machines	213
Continuous Casting of Round Hollow Steel Pipes	216
Walking Thermopress	222
8. Machines of Tomorrow	226
Beams Make Patterns	226
Machines with Ultrahigh Efficiency	226
Light Beam Serves as a Working Member	231
Walking Machines	241
Forward to "Iron Make"	249
	261

This book is a review of the 20th-century machines, hundreds of thousands of various machines and mechanisms for moving tremendous masses of earth, for weaving fabrics, for "baking" diamonds and for many other jobs. It tells you about machines which hop around like grasshoppers, about machines which can work for weeks without conventional motors and batteries, and about those that can repair themselves.

The book also introduces the reader to unusual materials possessing amazing properties, new components of machines, ingenious methods of flaw detection and control.

The reader will find that the history of machine tools, rolling mills, forging presses, excavators and other mechanisms, which at first glance seem so routine, is full of dramatic clashes of ideas, fascinating adventures, great discoveries and bitter disillusion.

The book is written in a popular form and will be interesting for those who are keen on engineering, and also, for specialists.