

AUTOMATION OF PRODUCTION PROCESS IN NONFERROUS METALLURGY, BY V. I. FEYGIN, 10 PP.

RUSSIAN, PER, MEKHANIZATSIIA I AVTOMATIZATSIIA PROIZVODSTVA, NO 11, 1962, PP 30-33.

JPRS 18001

SCI - ENGR

MAR 63

224,940

EXTENSIVE USE OF ROTOR LINES, BY L. N. KOSHKIN,
12 PP.

RUSSIAN, PER, MEKHANIZATSIIA I AVTOMATIZATSIIA
PROIZBODSTVA, NO 11, NOVEMBER 1962, PP 34-40.

JPRS 17702

USSR
ECON
FEB 63

223,411

MODEL CHEMICAL-INDUSTRY ENTERPRISES, BY
V. A. NIKITIN, 8 PP.

RUSSIAN, PER, MEKHANIZATSIIA I AVTOMATIZATSIIA
PROIZVODSTVA, NO 11, 1962, PP 44-46.

JPRS 17864

USSR
ECON
MAR 63

224,301

FOR THE TECHNICAL PROGRESS, BY V. I. DEGTYAREV,
9 PP.

RUSSIAN, PER, MEKHANIZATSIIA I AVTOMATIZATSIIA
PROIZVODSTVA, NO 11, 1962, PP 1216.

JPRS 17571

USSR

ECON

SCI

XXXXXX

FEB 63

221,644

Some Questions of Mechanization in Unit-Load
Stores of Mechanical Engineering Works, by
M. A. Preobrazhenskiy, 16 pp.

RUSSIAN, per, Mekhan. i Avtomat. Proiz., No 12,
1962, pp 25-28.

MLL Tr Bulletin
Vol V No 8 1963

Sci - Engr
Aug 63

543,407

The Use of Electromagnetic Pumps in the Foundry
by L. A. Verts.

RUSSIAN, per, Mekhanizatsiya i Automatizatsiya
Proizvodstva, No 1, 1963, pp 40-42

NLL Tr Bulletin
Vol V, No 10, 1963

Sci - Electron
Nov 1963

242, 331

Automatic Distribution of the Cotton to
the Cards, by T. A. Ustinovich.
RUSSIAN, per, Mekhanizatsiya i Avtomati-
zatsiya Proizvodstva, 1964, No 2, pp 14-15.
NLL RTS 2677 (On Loan or Purchase)

Aug 65

287,028

PRESS AND FORGE INDUSTRY PROGRAM & CONTROL, BY
V. I. DAVYDOV, 8 PP.

RUSSIAN, PER, MEKHAN I AVTOMAT PROIZ, NO 3, 1963,
PP 1-5.

JPRS 18935

USSR
ECON
MAY 63

229,720

NEW ~~XXM&MAXX~~ AUTOMATIC PRODUCTION LINES AND MACHINE
TOOLS AT THE ALL-UNION EXHIBITION OF ACHIEVEMENTS
OF THE NATIONAL ECONOMY, BY M. N. LESNITSKIY, 6 PP

RUSSIAN, PER, MEKHAN I AVTOMATIZATSIIA PROIZ,
NO 3, 19³63, PP 19-22.

JPRS 18935

USSR
ECON
MAY 63

229,719

EXHIBIT OF NEW EQUIPMENT, BY ARA. P. ARISTOV,
9 PP.

RUSSIAN, PER, MEKHAN I AVTOMAT PROIZVOD, NO 4,
1963, PP 27-32.

JPRS 19883

USSR
ECON
JUL 63

235,179

Automation of the Heat Mode of Open-Hearth Furnaces, by
N. S. Skorik, 11 pp.

RUSSIAN, per, Mekh i Avtomat Proiz, No 10, 1963, pp 6-9.

JPRS 22907

Sci-M/M
Jan 64

248-003

Safety Devices with Ultrasonic Transmitting
Devices, by D. E. Papovyan.
RUSSIAN, per, Mekhanizatsiya i Avtomatizatsiya
Proizvodstva, 1963, No 10, pp 31-34.
NLL RIS 2675 (On Loan or Purchase)
CFSTI IT 65-60356 -

Aug 65

288,854

The Question of Determining the Technical-Economic Efficiency
of Standardization, Normalization and Unification in Machine
Building, by V. S. Zamalin, V. I. Timoshenkov, 7 pp.

RUSSIAN, per Mekhanizatsiya i avtomatizatsiya proizvod., No 11,
1963, pp 36-39.

JPRS 22659

Sci-Engr
Jan 64

246, 534

Advances in Industrial Automation, 10 pp.
RUSSIAN, per, Mekh Automat Proiz No 3, Vol 18
1964, pp 1-4.

JPRS 25117

NLL Shelf mark R0111

USSR

Econ

Jun 64

262,014

Basic Trends in Overall Mechanization in Metallurgical
Machine Building, by M. G. Umnnyagin, 14 pp.
RUSSIAN, per, Mekh i Avtomat Proiz No 3, Mai 1964,
pp 5-11.
JPRS 26973 also JPRS 27330

USSR
Econ
Dec 64

269,908

Computation Technology in Automatic Control
Systems, by V. I. Loskutov, 10 pp.
RUSSIAN, per, Mekhanizatsiya i Avtomatizatsiya
Proizvodstva, No 3, 1964, pp 44-47.
P100223068-V
FTD-HT-23-835-67

Sci/Elect & Elect Engr
Sept 68

366,616

Overall Mechanization and Automation in Ferrous Metallurgy, by K. P. Kostenetskiy, 10 pp.
RUSSIAN, per, Mekhanika Avtomat. Proiz., No 5,
1964, pp 6-12.
JPRS 25756

USSR
Econ
Aug 64

264,919

S

Automatic Assembly Line of Cylinder Bloc
Heads of Motors, by G. L. Parshinova, 7 pp.
RUSSIAN, per Mezhnoye Avtomaticheskoye Proizvod.
No 5, 1964, pp 12, 13.

JPRS 25807

Sci - Engr
Aug 64

265,746

New Metal-Cutting Semiautomatic Machine
Tools, by M. I. Lomitary, 10 pp.
RUSSIAN, per Mech. i Avtom. Proizvod. No. 5,
1964, pp 37-40.
JPRS 25007

Sci - Engr
Aug 64

265,747

The Pneumatic Transportation of Waste, by
I. A. Blinov and I. I. Markarov,
RUSSIAN, per, Mekhanizatsiya i Avtomatizat-
siya Proizvodstva, No 6, 1964, pp 22.
NLL RTS 2850 (On Loan or Purchase)

Sci-Mech,
Apr 67

321,614

Improving the Reliability and Service Life of Hoisting
and Material Handling Equipment, by I. B. Gorshkov,

6 pp.

RUSSIAN, per, Mekhan i Avtomat Proiz, No 7, 1964,

pp 54-56. 9696477

FSTC 381-T64-78

Sci - Eng
May 65

278,903

FOR OFFICIAL USE ONLY

Proceedings in the State Committee for Machine
Building, unsigned, 5 pp.

RUSSIAN, per, Mekhanizatsiya i avtomatiza-
tsiya proizvodstva, No 9, Sept 1964, pp 47-48.
JPRS 28665

USSR

Eco

Feb 65

275,322

All-Union Conference of Automation in Machine
Building, unsigned, 23 pp.

RUSSIAN, per, Mekhanizatsiya i avtomatisatsiya
proizvodstva, No 9, Sept 1964, pp 49-54.

JPRS 28665

USSR

Eco

Feb 65

275,323

Prospects for Mechanization and Automation
of Machine Assembly, by Ye. Ya. Savali'yev,
6 pp.
RUSSIAN, par, Mekhanizatsiya i avtomatizatsiya-
ya proizvodstva, No 9, Sept 1964, pp 55-56.
JPRS 28665

USSR
FCO
Feb 65

275,324

New Methods of Mineral Fertilizer Transport,
by M. A. Smorodinov, I. V. Shtefko, G. N.
Shtefko, 10 pp.
RUSSIAN, per, Kollegiya po i. avtomobilistam
Priozvodstva, No 10, Oct 1964, pp 13-17.
JPRS 28959

USSR
Econ
Mar 65

276,085

Mechanization and Automation in Radio-Component
Manufacture, by N. V. Kashin, 208 pp.
RUSSIAN, bk. Mekhanizatsiya i Avtomatizatsiya
Proizvodstva Radiodelal., Moscow, 1960.
OTS 63-11001
PL-480

Sci - Engr
Jan 65

270,444

Cargo-Handling Equipment at the Exhibition of the
Achievements of National Economy, 23 pp.

FOR OFFICIAL USE ONLY

RUSSIAN, Per, Mekh i Avtomat Proiz SSSR, No 10,

1964, pg 24-31. 6697166

FSTC 381-T64-112

USSR
Econ
Jun 65

282,775

Elastic Containers and Their Application,
by A. M. Kaplan, 14 pp. FOR GOVERNMENT USE ONLY
RUSSIAN, per, Mekhanicheskie Protsessy SSSR, 1964,
No 10, pp 49-53. 9697171
FSTC-381-T64-109

Sci - Phys
Jun 65

279,643

The Use of Portal Trucks, by I. G. Becker, 20pp.
FOR OFFICIAL USE ONLY
RUSSIAN, per Mest i Avtomat Proiz SSSR, No 10,
1964, pp 55-58. 9697100
FSTC 381-T64-112

USSR
Econ
Jun 65

282,275

New Developments in Heavy Machine Building,
by A. V. Topchiyev, 7 pp
RUSSIAN, per, Mekhanizatsiya i Avtomatizatsiya
Proizvodstva, No 11, Nov 1964, pp 2-5.
JPRS 29295

USSR
Econ
Mar 65

277,332

On Introduction of Mechanization and Automation
of Production Processes in Fuel Industry, by
N. V. Mel'nikov, 9 pp
RUSSIAN, per, Mekhanizatsiya i Avtomatizatsiya
Proizvodstva, No 11, Nov 1964, pp 6-9
JPRS 29295

USSR
Econ
Mar 65

277,333

Full Mechanization of Pipeline Construction,
by A. K. Kortunov, 6 pp
RUSSIAN, per, Mekhanizatsiya i Avtomatizatsiya
Proizvodstva, No 11, Nov 1964, pp 10-14.
JPRS 29295

USSR
Econ
Mar 65

277,334

Technical Progress in Timber Cutting and
Lumber-Woodworking Industry, by F. D.
Varaksin, 10 pp
RUSSIAN, per, Mekhanizatsiya i Avtomatizatsiya
Froizvodstva, No 11, Nov 1964, pp 14-19
JPR8 29295
29427

UBER
Econ
Mar 65

277,335

Mechanization and Automation of Light Industry,
by L. G. Barabanov, 6 pp
RUSSIAN, per, Mekhanizatsiya i Automatizatsiya
Proizvodstva, No 11, Nov 1964, pp 20-21.
JPRS 29295

USSR
Econ
Mar 65

277,336

Mechanization and Automation of Production
at the Moscow Sovnarkhoz Enterprises, by I.
A. Luk'yanov, 8 pp.
RUSSIAN, per, Mekhanizatsiya i Automatizatsiya
Proizvodstva, No 11, Nov 1964, pp 22-26.
JPRS 29295

USSR
Econ
Mar 65

277,337

Mechanization and Automation of Industrial
Processes in Privolzhskiy Sovnarkhoz, by
V. I. Chabotarevskiy, 8 pp
RUSSIAN, per, Mekhanizatsiya i Automatizatsiya
Proizvodstva, No 11, Nov 1964, pp 20-29
JPRS 29295

USSR
Econ
Mar 65

277,338

Mechanization and Automation of Production
Processes at the Pridneprovskiy Sovnarkhoz,
by L. Ye. Lukich, 9 pp.
RUSSIAN, per, Mekhanizatsiya i Automatizatsiya
Prizvodstva, No 11, Nov 1964, pp 30-33.
JPRS 29295

USSR
Econ
Mar 65

277,338
277,339

Full Mechanization and Automation of Production
Is the Way To Elimination of Heavy Manual
Labor, by O. A. Chukanov, 10 pp.
RUSSIAN, per, Mekhanizatsiya i Automatizatsiya
Proizvodstva, No 11, Nov 1964, pp 34-39
JPRS 29295

USSR
Econ
Mar 65

277,340

Development of Full Mechanization and
Automation at the Kuznetsk Metallurgical
Combine, by B. N. Zharebin, 7 pp
RUSSIAN, per, Mekhanizatsiya i Automatizatsiya
Proizvodstva, No 11, Nov 1964, pp 39-42.
JPRS 29295

USSR
Econ
Mar 65

277,341

Mechanization of Heavy Manual Labor at
Moscow Low Displacement Automobile Plant,
by L. B. Vasil'yev, 9 pp
RUSSIAN, per, Mekhanizatsiya i avtomatizat-
siya proizvodstva, No 11, Nov 1964, pp
42-45.
JPRS 23972

USSR
Econ
Mar 65

276,439

Moscow Plant Eliminates Many Manual Operations,
by V. A. Yermolayev, 9 pp
RUSSIAN, per, Mekhanizatsiya i Avtomatizatsiya
Proizvodstva, No 11, Nov 64, pp 46-50.
JPRS 29395

USSR
Econ
Apr 65

277,501

Plans for Overall Mechanization of Machine
Building in Nizhne-Volzhskiy Sovnarkhoz, by
G. G. Dvoyeglazov, 13 pp.
RUSSIAN, per, Mekhanizatsiya i Avtomatizatsiya
Proizvodstva, No 12, Dec 1964, pp 15-19.
JPRS 29259

USSR
Econ
Mar 65

276,594

New Design Railroad Cars May Help to Eliminate
Manual Loading and Unloading Labor in Trans-
portation, by F. A. Pladis, 10 pp.
RUSSIAN, per, Mekhanizatsiya i Avtomatizatsiya
Proizvodstva, No 12, 1964, pp 20-23.

JPRS 2Y259

USSR
Econ
Mar 65

276,595

The Unstable Character of the Ignition of Explosive Mixtures by Electric Sparks, by B. M. Furmanov.
RUSSIAN, per, 'Mekhanika i avtomatsika v sovetskom gosprom.', Moscow, 1963, pp 287-299.
NLL Ref: 8313.4 (5427)

Soc/Mech, Indus, Civ & Mar Engr
Feb 68 349,603

Electrical Discharge in Intrinsically Safe

Circuits, by B. A. Petrenko.

RUSSIAN, per, 'Mechanika i avtomatis v gorn proiz',

Moscow, 1963, pp 300-317.

ML Ref: 8313.4 (5428)

Sci/Elec & Elec Engr
Feb 68

349,595

Special Features of the Ignition of Non-Explosive
Media by an Electrical Discharge in Intrinsically
Safe Circuits, by B. A. Petrenko & V. I. Serov.
RUSSIAN, per, 'Mekhanika i avtomatis v gorn. proiz.'
Moscow, 1963, pp 318-330.
ALL Ref: 8313.4 (5429)

Sci/Mech, Indus, Civ & Mfr Engg
Feb 68
349,607

Mechanization and Automation in Radio-
Component Manufacture, by N. V. Kashin,
208pp

RUSSIAN, per, Mekhanizatsiya i Avtomatizatsiya
Proizvodstva Radiodetalei, 1960, pp265.
CFSTI TT-64-11001

323,821

Sci - Engineering
Apr 67

BASIC DIRECTIONS OF THE DEVELOPMENT OF TRACTOR
BUILDING, BY I. I. TREPENYENKOV, 17 PP.

RUSSIAN, PER, MEKHANIZATIYA I AVTOVATZASIYA
SOTSIALISTICHESKOGO SEL'ISKOGO KHOZYAYSTVA, NO 6,
1962, PP 3-7.

JPRS 17949

USSR
ECON
SCI - ENGR
MAR 63

224,558

Mechanization and Automation of Engineering Processes in Machine Building, by A. S. Azarov.
586 pp.

RUSSIAN, bk, Mekhanizatsiya i Avtomatizatsiya
Tekhnologicheskikh Processov v Mashinostroyenii,
1963, pp 1-415. P100338067-V
FTD-MT-66-263

Sci/Mechanical Engr
Dec 67

345,874

Mechanical Twinning of Crystals, by
M. V. Klassen-Maidulova, 227p.
RUSSIAN, MONO. Mechanicheskoe Dvoenikovaniye
Kristallov, Moscow, 1960, 261p.

CR,

333, 571

Sci

May 63

Comprehensive Mechanization: Basis of Agricultural Development, by N. N. Lavykin. [S. pp.]
RUSSIAN, per Moskovskaya Elektrifikatsiya, No. 5, 1963,
pp. 1-6. (Table of Contents)

JPRS 23067

Sci-Agri
Feb 64

248, 129

New Machines and Equipment, by N. N. Ul'rich,
Ye. N. Konyushnikov, o pp.
RUSSIAN, per, Meh. Elektr., No 6, 1963, pp. 60-62.
JPRS 23994

Sci - NS
Apr 64
253, 140

New Specifications of Power Transformers for
Rural Electric Networks, by K. M. Povarikov,
6 pp.
RUSSIAN, per Mehn i Elek., No. 3, 1964, pp. 38-42,
JPRS 26274

USSR
Econ
Sep 63

266,811

Determination of the Principal Parameters of the
Drying Conditions of Seed Grain, by S. D.

[redacted], 13 pp. URCL

~~Ptitsin?~~

RUSSIAN, per, Nauk i Elektrifikatsiya Sotsial-
Selkogo Khoz., No 3, 1953, pp 38-39.

Sci Mus Lib 58/1533

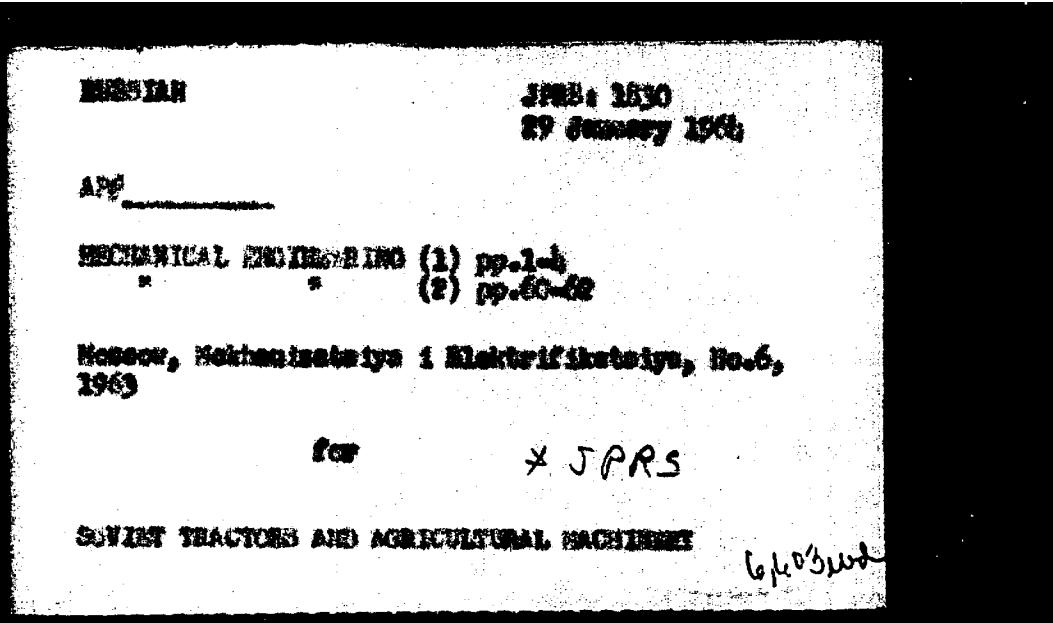
Sci - Biol
Mar 59

A5 LIB-G13141
82,445

Application of Viberation for the Deep
Cultivation of Compacted Rocky Soils, by K.V
Aleksandryan.
RUSSIAN, per, Mekhaniz. Elektrif. sots. sel.
Khoz', Vol. 21, No. 3, 1963, pp 49-50.
GB 141/179 - 3s.)Od.

Sci -
Aug 67

337-094



MESSIAN

JPRS: 1830
29 January 1968

APP

MECHANICAL ENGINEERING (1) pp. 2-4
(2) pp. 60-62

Moscow, Nekrasovskaya 1 Elektroifchezstroy, No. 6,
1963

for

* JPRS

SOVIET TRACTORS AND AGRICULTURAL MACHINERY

6403

On the Question of a Method of Assessing the
Uniformity of Seed Distribution Over the Surface
of the Field During Drilling, by I. N. Bolotov,
UNCL

RUSSIAN, per, Makh i Elektrifikatsiya Sotsial
Selskogo Khoz., No 3, 1953, p 24.

Sci Mus Lib 98/1505

Sci - Biol; Engr
Mar 59

82,466

Features of the Working Process of Grinding
Feed in Hammer Mills, by S. V. Melnikov.

RUSSIAN, par, Makh i Elek Sotsialisticheskogo
Sel'skogo Khozyaistva, No 3, 1953, pp 40-48.

NLL RTB 2246

Sci -
Jul 63

Automatic Control of Grain Combineharvester,
by V. G. Dymnich.
RUSSIAN, per, Mekh i Elek Sotsialisticheskogo
Sel'skogo Khozyaystva, No 4, 1956, pp 23-26.
GB/141/137

Sci - Engr

Apr 64

253,357
253,353

Mechanical Properties of Silage Material and
Choice of a Method of Compressing It, by M. K.
Yaremenko.

RUSSIAN, per, Mehk i Elek Sotsial Selskogo Khoz,
No 5, 1956, p 22.

MLL M. 3235

USER
Econ
Apr 62

189,824

(DD-3696)

Academician Aleksandr Nikolayevich Karpenko, 2 pp.

RUSSIAN, per, Mekh i elek Sotsialisticheskogo
Sel'skogo Khozyaystva, No 5, 1956, p 60

JPRS 3846

USSR
Biog
Sep 60

Grinding of Grain in MAMM Hammer Mills, by
S. V. Melnikov.

RUSSIAN, per, Makh i Elek Sotsialisticheskogo
Sel'skogo Khozyaistva, No 1, 1957, pp 24-28.

MLL RIS 2247

Sci -
Jul 63

Measuring and Automatically Regulating Soil
Moisture in Frames and Glasshouses, by A. A.
Glebovich, R. N. Torgosyan. UNCL

RUSSIAN, per, Makh i Elektrifikatsiya Sotsial
Khoz, No 1, 1957, pp 51-

Sci Mus Lib 58/1511

Sci - Engr
Mar 59

82,469

Machines of the Rostsel'mash Plant, by S. A. Strokov.
(Rpt on USSR Production of Industrial Equipment, 43).

~~RUSSIAN, bimo per, Mekhanizatsiya i Elektrifikatsiya
Sotsialisticheskogo Sel'skogo Khozyaystva, No 5,
1957, pp 49-52.~~

CIA/FDD Sum 1651

57,017

USSR
Econ -
Jan 58

(by I.Ya.ANTONENKO)
Machines of the Krasnaya Zvezda Plant (Rep on USSR
Product of Indus Equip, 2)

RUSSIAN, per, Mekh i Elek Sotsial Selskogo Khoz,
No 6, 1957, pp 51-53.

USSR
Econ

Mar 1958

61,035

Investigation of the Process of Automatic
Driving of a Tractor, by S. A. Litinskii.
UTCL

RUSSIAN, per, Mekh i Elek Sotsial Sel'skogo
Khoz, No 2, 1958, pp 25-31.

DSIR LIU RTS 1212

~~_____~~ (176. 6d.)

108,360

Feb 60

Pattern of Electric Power Consumption in a Kolkhoz, by N. N. Romanenko.

RUSSIAN, per, Mehk i Elek Sotsial Sel'skogo Khoz, No 6, 1958, pp. 32-35.

FDD/Transportation Communications
and Electric Power in the USSR,
No 19.

USRR
Econ
Aug 59

93, 909

(DC-3696)

Mikhail Grigor'yevich Yevreinov, by I. A. Budzko,
G. I. Nazarov, 3 pp.

RUSSIAN, per, Mekh i elek Sotsialisticheskogo
Sel'skogo Khozyaystva, No 6, 1958, pp 56-57

JPRS 3846

USSR
Biog
Sep 60

Mikhaylov, V. A., Suprunenko, B. M., and
Yankevich, V. V.
STEERING TRACTORS BY RADIO CONTROL
(Upravleniye Traktorom po Radio). Apr 61 (6 p.).
RTS 1752.
Order from OTS or SLA \$1.10 61-19687

Trans. of Mekhanizatsiya i Elektrifikatsiya
Sotsialisticheskogo Sel'skogo Khozyaystva (USSR) 1959,
v. 17, no. 5, p. 51-53.

DESCRIPTORS: *Tractors, *Remote control systems,
Control systems.

A device is described for controlling DT-34 tractors
which consists of hydraulic, electrical and radio
systems.

(Machinery--Transport, TT, v. 6, no. 1)

61-19687

- I. Title: Steering
- II. Mikhaylov, V. A.
- III. Suprunenko, B. M.
- IV. Yankevich, V. V.
- V. Department of Scientific
and Industrial Research
(Gr. Brit.)

16181

Office of Technical Services

Rural Electrification in RFrg, by I. A. Budzko,
N. A. Sazonov, 6 pp.

RUSSIAN, per, Mekh i Elek Sotsial Sel'xkskogo Khoz,
No 12, 1960, pp 61-62.

*OTS 64-11086
PL-480

Sci
Mar 64

(DC-2700/83)

Full Mechanization in Raising and Harvesting
Sugar Beets, by A. A. Vasilenko, 6 pp.

RUSSIAN, per, Makh i Elek Sotsial Selskogo Khoz.
Vol XIX, No 2, 1961, pp 4-7.

JPRS 8577

USSR

Econ

Aug 61

162142

(DC-2700/83)

Production-Line Method for Harvesting Potatoes,
by G. D. Petrov, N. V. Firsov, 8 pp.

RUSSIAN, per, Mehk i Klek Sotsial Selskogo Khoz.
Vol XIX, No 2, 1961, pp 10-12.

JPRS 8577

USSR

Econ

Aug 61

162,14?

(DC-2500/83)

On the Conversion of Tractor Engines to Run on
Liquid Gas, by S. G. Stopalov, 10 pp.

RUSSIAN, per, Mekh i Elek Sotsial Sel'skogo Khoz,
Vol XIX, No 2, 1961, pp 25-29.

JPRS 8577

USSR

162.145

Econ

Aug 61

(DC-2700/83)

Full Use of Electric Power in Animal Husbandry,
by N. A. Sazonov, 4 pp.

RUSSIAN, per, Mehk i Elek Sotsial Selakogo Khoz,
Vol XIX, No 2, 1961, pp 34-36.

JPRS 8577

USSR

Econ

Aug 61

162,144

(DC-2700/83)

Prospective Machines for Vegetable Growing,
by V. A. Korbut, 10 pp.

~~RUSSIAN, per, Nekh 1 Pech Sotsial Selskogo Khoz,~~
Vol XIX, No 2, 1961, pp 51-54.

JPRS 8577

USSR

Econ

Aug 61

162146

Metal Reduction in Agricultural Machinery Urged,
by A. S. Mayat, 7 pp.
RUSSIAN, per, Mekhanizatsiya i Elektrifikatsiya
Sotsialisticheskogo Sel'skogo Khozyaystva, Moscow,
No 8, 1962, pp 27-29.
JPRS 49122

Sci-Agrl
Nov 69

393.732

The Use of Oscillation Techniques for
Improving Agricultural Technological
Processes, by A. A. Dubrovskiy.
RUSSIAN, per, ~~Mekhaniz.~~ Elekt. Sots.
Sel. Khoz, Vol 20, No 2, 1962, pp 29-32.
NLL Ref: 9022,7B 1966 (190)

Sci-Agriculture
Sept 66

309,563

Theoretical Research on Wear of Homogeneous
Soil-cutting Blade, by A. Sh. Rabinovich,
RUSSIAN, per, Mekhanizatsiya i Elektrifikatsiya
Sotsialisticheskogo Sel'skogo Khozyaistva, No 9,
1962, pp 25-28.
CPSTI-TT-64-11086

USSR

Sci/Agri
Jul 65

282,420

Flow-line Combine Harvesting and Straw Chopping,
by I. T. Nikitenko, Yu. M. Shidlovskii, et al.
RUSSIAN, per, Mekhanizatsiya i Elektronika,
Sotsialisticheskogo Sel'skogo Khozyaistva, No 10,
1962, pp 6-9.
CFSTI-TT-64-11086

USSR
Sci/Agri
Jul 65

282,421

Flow-line Sheep Shearing, by R. A. Ianchurin.
RUSSIAN, per, Mashinostroyeniye i Elektronika
Sotsialisticheskogo Sel'skogo Khozyaistva, No 11,
1962, pp 13-16.
CFSTI-TT-64-11036

USSR
Sci/Agri
Jul 65

282,422

Rural Electrification in Western Germany,
by I. A. Budko, N. A. Sazonov.
RUSSIAN, per, Mekhanizatsiya i Elektrifikatsiya
Sotsialisticheskogo Sel'skogo Khozyaistva, No 12, pp. 55-58
CPST-TT-54-11080

USSR
Sci/Agri
Jul 65

282,423

Complex Mechanization -- The Basis of Agricultural Development, by N. N. Levykin, 14 pp.

RUSSIAN, per, Mekh i Elektrifikatsiya Sotsialisticheskogo Sel'skogo Khoz SSR, No 5, 1963, pp 1-6.

JPRS 22738

USSR
Econ
Jan 64

246,623

Planned Type Size of Tractors and ~~etc.~~ Its Analysis, by
V. N. Boltinaskiy, 13 pp.

RUSSIAN, per, Mekh i Elektrifikat Sotsialisticheskogo Sel'skogo
Khozyaystva SSR, No 5, 1963, pp 7-12.

JPRS 22738

USSR
Econ
Jan 64

246,622

Machines for Combating Water and Wind Erosion," by
N. V. Gerasimov, 7 pp.

RUSSIAN, per, Mekh i Elektrifikat Sotsialisticheskogo Sel'skogo,
Khoz SSSR, No 5, 1963, pp 13-15.

JPRS 22738

USSR
Econ
Engr
Jan 64

246,621

Machine Systems for the Application of Mineral
Fertilizers, by mM. M. Kaplinov,
I. F. Serebryakov, 6 pp.
RUSSIAN, per, Mehkii Elektri Sotsialist Sel'skogo
Khoz, No 6, 1963, pp 1-4.
JPRS 24868

USSR
Econ
Jun 64

261,717

Problems Encountered in the Overall
Mechanization of Mineral Fertilizer Spreaders,
by V. P. Polyanichenko, pp.
RUSSIAN Sov. Mekhanizatsii Selskogo
Khoz. No. 2, 1964, pp. 31-5.

JPR 24747

USSR
Econ
Jun 64

259,168

System of All-Purpose and Combined Machines, by M. S.
Runchev, 7 pp.

RUSSIAN, per, Mekhanizatsiya i Elektrifikatsiya
Sotsialisticheskogo Sel'skogo Khozyaystva, No 4, 1964,
pp 1-3.

JPRS 27508

USSR-Econ

Jan 65

272,009

From Grain Combine--To Harvesting-Transporting Complexes of Machines, by S. A. Strokov, 7 pp.

RUSSIAN, per, Mekhanizatsiya i Elektrifikatsiya Sotsialisticheskogo Sel'skogo Khozyaystva, No 4, 1964, pp 21-23.

JPRS 27508

USSR-Econ
Jan 65 272,010

Comparative Industrial Tests of Tractor Units
at Speeds of 5--9 and 9--15 km/hr, by V. N.
Boltinskiy, 17 pp.

RUSSIAN, per, Mekhanizatsiya i Elektrifikatsiya
Sotsialisticheskogo Sel'skogo Khozyaystva, No
5, 1964, pp 1-6.

JPRS 29121

USSR

Econ

Mar 65

276.754

Sowing Quality with Unit Speeds of 9--13 km/hr,
by N. V. Kushilkina, 6 pp.
RUSSIAN, per, Mekhanizatsiya i Elektrifikatsiya
Sotsialisticheskogo Sel'skogo Khozyaystva,
No 5, 1964, pp 16-18.
JPRS 29121

USSR
Econ
Mar 65

276,755

Improving Working Conditions During Tractor
Operation at Increased Speeds, by E. Ya.
Ulitskiy, 8 pp.
RUSSIAN, per, Mekhanizatsiya i Elektrifikatsiya
Sotsialisticheskogo Sel'skogo Khozyaystva,
No 5, 1964, pp 25-27.
JPRS 29121

USSR
Econ
Mar 65

276,756

Certain Problems of Mechanization and
Automation of Commercial Poultry Farms, by
V. I. Zamotayev, 6 pp.
RUSSIAN, per, Mekhanizatsiya i Elektrifi-
katsiya Sotsialisticheskogo Sel'skogo
Khозяйства, No 6, 1964, pp 32-34.
JPRS 23983

USER
Econ
Mar 65

276,275

Mechanical Testing of Metals, by N. A. Shaposhnikov
16 pp.

RUSSIAN, monograph, bk, Mekhanicheskie Ispytaniya Metallov, publ by State Scientific Technical Publishing House of Machine Construction Literature, Moscow/Leningrad, 1951. CIA D —
197046.

ATIC P-TS-8572/1

Sci - Minerals/Metals 32,925

On a Method of Investigating the Nature of
Destruction of Steel, by B.S. Natapov.

RUSSIAN, bk, Mekhanicheskiye Metody Ispytaniya,
No 5, 1949, pp 576-580. CIA 9660861

Sci - Min/Met

May 61

ATIC NCL 537

CPSTI AD - 255 - 398

152, 874

Mechanical and Microaggregate Composition
of Soils Methods of Investigation, by
N. A. Kachinskiy, 134 pp.
RUSSIAN, bk, Mekhanicheskiy i Mikroagregatnyi
Sostav Pochvy, Metody Ego Izucheniya,
1958.
CFSTI TT 66-51123

Sci - Agri
8Apr 67

324,1563

Mechanical Neutron Monochromator for the Region
of Energies of 0.001 to 2 Ev, by B. V. Efimov,
L. S. Damelyan, A. S. Kuznetsov, 21 pp.

RUSSIAN, bk, Mekhanicheskiy Monokhromator Neitronov
dlya Oblasti Energii 0.001-2 Ev, 1960. 9093906

AEC Tr-4687

Sci - Engr, Phys
Dec 61

177,398

Mechanical Equipment of Rolling Mill Departments,
by A. A. Korolev.

RUSSIAN, bk, Mekhanicheskoye Oborudovaniye
Prokatnykh Tsekhov, Moscow, 1959, 495 pp.

*FTD-MT-64-118

Sci - Engr
Mar 64

Mechanical Working of Hardened Steel, by L. M.
Reznitskiy, 460 pp.

RUSSIAN, bk, Mekhanicheskaya Obrabotka
Zakalennykh Stalei, Moscow, Leningrad, 1958,
398 pp.

ATIC MOL-406/V
SLA 60-23865

Sci - Engr

Aug 60

129,861

Mechanization and Advanced Processing in
Foundries, by A. N. Sokolov.
RUSSIAN, bk, Mekhanizatsiya i Peredovaya
Tekhnologiya Liteynogo Proizvodstva, Leningrad,
1961, pp 3-238.
*FTD-MT-64-2420

Sci
Oct 64