

Our company supplies non-standard special technologic equipment intended for mechanization of the electrical equipment repair and electrical equipment testing, designs the electrical repair shops and the technological equipment according to customer`s individual request.

We send you the list of the special technological equipment and time of manufacture:

Testing equipment

N	Denomination	Code in catalogue	Time of manufacture (days)
1	Test bench for stator active steel	TDEM 020104	60
2	Test bench for unimpregnated stators	TDEM 020105	90
3	Test bench for synchronous generators and DC machines with the capacity up to 100KW	TDEM 020106	210
4	Test bench for asynchronous electric motors with the capacity up to 100KW	TDEM 020107	210
5	Test bench for stator active steel	TDEM 020108	120
6	Test station for alternating current electrical machines with the capacity from 100 up to 1000KW	TDEM 020109	210
7	Test station for alternating current electrical machines with the capacity from 100 up to 1000KW and power transformers of I and IV overall dimensions	TDEM 020110	210
8	Test bench to test sections of electrical machine windings	TDEM 020111	180
9	Installation for testing of electrical machines frame insulation	TDEM 020111.1	150
10	Test station for power transformers of I-IV overall dimensions	TDEM 020113	210
11	Test bench for welding transformers	TDEM 020114	150
12	Hydraulic Test Bench to test the coatings of Explosion Protected Equipment	TDEM 040221	150
13	Complex for measuring active resistance of windings of electric machines	TDEM 021001	60
14	Test bench for power, measuring, welding transformers	TDEM 020119	240

Equipment to repair transformers

N	Denomination	Code in catalogue	Time of manufacture (days)
1	Traverse to lift transformer windings	TDEM 030504	60
2	Manual lever scissors	TDEM 040334	60

3	Cardboard corrugating machine	TDEM 030509, 030503	150
4	Readjustable cardboard corrugating machine	TDEM 030506	150
5	Electric cardboard ring milling machine	TDEM 030510	150
6	Insulation cutting machine	TDEM 030511	90
7	Winding machine	TDEM 040332	90
8	Extensible winding template	TDEM 030505	60
9	Pulling device	TDEM 030507	30
10	Winding machine	TDEM 040330	90
11	Test station for alternating current electrical machines with the capacity from 100 up to 1000KW and power transformers of I and IV overall dimensions	TDEM 020110	210
12	Test station for power transformers of I-IV overall dimensions	TDEM 020113	210
13	Test bench for welding transformers	TDEM 020114	150
14	Dead end dyeing chamber	TDEM 090101	120
15	Shroud ring insulation machine	TDEM 040350	120
16	Machine for cutting segments out of electric cardboard	TDEM 030501	120
17	Machine for cutting rings out of electric cardboard	TDEM 030502	120
18	Electric cardboard calendering machine	TDEM 030514	90
19	Machine for applying varnish on electric cardboard	TDEM 030515	90
20	Complex for measuring active resistance of windings of electric machines	TDEM 021001	60
21	Installation to clean oil	TDEM 030530	90
22	Tin pot	TDEM 030540	90

Equipment to repair armatures and phase rotors

N	Denomination	Code in catalogue	Time of manufacture (days)
1	Machine to remove a set of contact rings and collectors	TDEM 040109	90
2	Multipurpose machine	TDEM 040229	120
3	Machine to repair phase rotors (armatures)	TDEM 040107	180
4	Manual lever scissors	TDEM 040334	60
5	Rack for rotors	TDEM 040110	30
6	Drawing device	TDEM 040105, 040106	30
7	Impregnation tank	TDEM 040326	30
8	Multipurpose machine	TDEM 040103	90
9	Device for bending shackles	TDEM 040117	90
10	Installation for armature bandaging, impregnation and drying	TDEM 040307	210

Equipment to produce electrical machine windings made of rectangular wire

N	Denomination	Code in catalogue	Time of manufacture (days)
1	Winding machine	TDEM 040303	90
2	Drawing machine	TDEM 040319	60
3	Winding machine	TDEM 040330	90
4	Rack with brakes to install drums and to draw wire проводов	TDEM 040340	30

5	Winding pattern	TDEM 040327	30
6	Readjustable winding pattern	TDEM 040314	30
7	Installation to solder wires	TDEM 030408	90
8	Drawing machine	TDEM 040331	120
9	Drawing machine	TDEM 040328	120
10	Planishing press	TDEM 040349	60
11	Manual lever scissors	TDEM 040334	60
12	Impregnation tank	TDEM 040326	30
13	Hydraulic press for pressing the coils of KEM type	TDEM 040313/M01	90
14	Hydraulic press for pressing the coils of KEM type (with 4 blocks)	TDEM 040313/M02	120
15	Drying installation	TDEM 040207	120
16	Drying installation	TDEM 040104	120
17	Rolling machine	TDEM 040317	120
18	Test bench for electric machine winding section trials	TDEM 020111	180
19	Installation for press lath reheating	TDEM 040353	120
20	Machine to rewind pole coils on the rib	TDEM 040248	120
21	Transformer for wire soldering and welding	TDEM 040232	45
22	Machine for rewinding insulation tape	TDEM 040357	30
23	Machine to overlay body insulation on KEM station coils	TDEM 040337	120

Equipment to restore winding wires

N	Denomination	Code in catalogue	Time of manufacture (days)
1	Annealing furnace	TDEM 030407	120
2	Installation to clean and restore the wire	TDEM 030405	150
3	Installation to isolate wires	TDEM 040312	150
4	Installation to isolate wires	TDEM 030406	150
5	Machine to cut isolation paper	TDEM 030409	90

Instrument for electric winding specialist

N	Denomination	Code in catalogue	Time of manufacture (days)
1	Cutting Device 49-210	TDEM 120001	90
2	Wedge lining device	TDEM 120002	90
3	Ironing device R 251-00	TDEM 120003	90
4	Hammer 49-194CB	TDEM 120004	90
5	Special knife 49-195	TDEM 120005	90
6	Drawing Device 87.061. 87.062. P459-00	TDEM 120006	90
7	Drive for selling rotor ventilation blades 49-208	TDEM 120007	90

Equipment to repair electrical motors with the capacity up to 100KW

N	Denomination	Code in catalogue	Time of manufacture (days)
1	Device to take rotor out	TDEM 030204	30
2	Dismantling test bench	TDEM 040234	180
3	Machine for row winding the coils on rigid frames	TDEM 040235	210

4	Cutting machine	TDEM 040206	120
5	Annealing installation	TDEM 040223	120
6	Multipurpose furnace	TDEM 040226	90
7	Machine to remove windings	TDEM 040228	60
8	Multipurpose machine	TDEM 040229	120
9	Blowing chamber	TDEM 040230	60
10	Machine to remove bearings	TDEM 040205	60
11	Briquetting press	TDEM 040204	120
12	Washing machine	TDEM 040222	60
13	Manual lever scissors	TDEM 040334	60
14	Relevelling machine	TDEM 040216	60
15	Machine to produce notch wedges	TDEM 040217	120
16	Winding machine	TDEM 040215	90
17	Suspended device for stator mounting	TDEM 030203	30
18	Stator mounting device	TDEM 040315	60
19	Impregnation tank	TDEM 040326	30
20	Saturation plant	TDEM 040219	90
21	Induction heater	TDEM 040231	90
22	Drying installation	TDEM 040207	120
23	Drying installation	TDEM 040104	120
24	An assembly test bench	TDEM 040336/M01	90
25	An assembly test bench	TDEM 040336	30
26	Test bench for unimpregnated stators	TDEM 020105	90
27	Test bench for asynchronous electric motors with the capacity up to 100KW	TDEM 020107	210
28	Test bench for stator active steel	TDEM 020104	60
29	Dyeing chamber	TDEM 090103	90
30	Test bench for synchronous generators and DC machines with the capacity up to 100KW	TDEM 020106	210
31	Vacuum impregnation installation	TDEM 040239	210
32	Drying installation	TDEM 040209	120
33	Installation for gas bursts absorption	TDEM УИГБ-5	90
34	Detonation-Gas Chamber (Powder Coating)	TDEM ДГУ	150
35	Multipurpose furnace	TDEM 040249	120
36	Test bench for welding generators	TDEM 020106.01	150
37	Hydraulic Test Bench to test the coatings of Explosion Protected Equipment	TDEM 040221	150
38	Balancing machine	TDEM 020120	90
39	Warehouse-pallet-conveyor	TDEM 030210	180

Producing electric motors windings sections

1	High-voltage electric motors	50
2	Low-voltage electric motors	30

Equipment to repair electrical machines with the capacity more than 100KW

N	Denomination	Code in catalogue	Time of manufacture (days)
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1	An assembly test bench	TDEM 040336	30
2	Manual lever scissors	TDEM 040334	60
3	Machine to produce notch wedges made of getinax and glasstextolit materials	TDEM 040341	60
4	Stator mounting device	TDEM 040318(35)	90
5	Drying installation	TDEM 040207	120
6	Drying installation	TDEM 040104	120
7	Dead end dyeing chamber	TDEM 090101	120
8	Test bench for stator active steel	TDEM 020108	120
9	Test station for alternating current electrical machines with the capacity from 100 up to 1000KW	TDEM 020109	210
10	Detonation-Gas Chamber (Powder Coating)	TDEM ДГУ	150
11	An installation to remove windings of electrical motors with the capacity from 100 up to 1000KW	TDEM 040351	210
12	Machine to rewind pole coils on the rib	TDEM 040248	120
13	Installation to solder wires	TDEM 030408	90
14	Transformer for welding and soldering the wire	TDEM 040232	45
15	Device to take rotor out	TDEM 040347	30
16	Barbotage washing mashing	TDEM 040250	60
17	Machine for rewinding insulation tape	TDEM 040357	30
18	Balancing machine	TDEM 020120	90
19	Rack for rotors	TDEM 040110	30
20	Tinning crucible	TDEM 040240	90

Equipment to repair and test railway transport and technical devices

N	Denomination	Code in catalogue	Time of manufacture (days)
1	A universal turn table	TDEM 10.01.01	90
2	Lift and turn table	TDEM 10.01.01/M01	90
3	A lifter for a wheel set	TDEM 10.01.02	90
4	Rolling press	TDEM 10.01.03	90
5	A pusher for a wheel set	TDEM 10.01.04	90
6	Bearings lifter (to the second floor)	TDEM 10.01.05	90
7	A device to record parameters of tested units	TDEM 10.02.01	90
8	Coils winding and testing conveyor	TDEM 10.03.01	210
9	Washing machine (according to Technical Assignment)	TDEM 10.01.06 TA	90
10	Washing machine for a wheel set	TDEM 10.01.07 TA	180
11	Washing machine for axle boxes and bearings	TDEM 10.01.08 TA	180
12	Mechanized complex for carriage axle boxes dismantling	TDEM 10.01.09 TA	150
13	Lubricants homogenizing installation	TDEM 10.01.10 TA	120
14	Installation for a wheel set turn	TDEM 10.01.10 TA	90

Inductive regulators

N	Denomination	producing	Time of manufacture (days)
1	Inductive regulators with any technical characteristics	According to the request	30÷120

Metal furniture

No	Name	Manufacturing	Manufacture re terms
1	Metal furniture	customized	30÷120
2	CCM 01 Weldor table	customized	30÷120
3	CCM 0404 Assembling welding table	customized	30÷120
4	03.00.02 Layer table	customized	30÷120
5	03.00.02.01 Winder table	customized	30÷120
6	03.05.42.03 Iron preparation table	customized	30÷120
7	03.05.42 Assembling table	customized	30÷120
8	03.05.42.01 Disassembling table	customized	30÷120
9	03.05.42.02 Schemer table	customized	30÷120

Non-standard equipment

No	Name	Manufacturing	Manufacture re terms
1	Welding rotator for pipes and other customized units	customized	30÷120
2	Hydraulic and mechanical press	customized	30÷120
3	Gamma flaw detector	customized	30÷120
4	Spectral analyzer	customized	30÷120
5	Marking machine	customized	30÷120
6	Apparatus for bearings incoming quality control	customized	30÷120

Best regards,

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