



INSTRUCTIONS BOOKLET



Automatic Truck Tyre Changer Machine

AT 14"-26"



WARRANTY CERTIFICATE

The machines which are produced by UNI-TROL Co. Ltd. are under warranty against defects of the material and production for one(1) year from date of it is sold.

Our Company UNI-TROL Co. Ltd. is not responsible for the damages or defects due to damages occurred by faulty used and out of purpose use.

If the defects and damages are occurred during the warranty, after making analysis by technical staff and if the material and production fault is found, the damaged parts will be replaced with new one.

Warranty covers all parts of the machine during the warranty.

ATTENTION: you have to put thermic switch which is suitable to motor ampere on your electric wiring to make electric motor under warranty otherwise in case of any defect the electric motor will not be under warranty.

Make maintenance of the machine periodically, monthly and yearly. The defects and damages which are caused by not making maintenance will not be under warranty.

Without notice to the customer reserves the right to make changes in equipment.

WARNINGS

- The presents instructions booklet is an integral part of the product. Carefully study the warnings and instructions contained in it. This information is important for safe use and maintenance.
- Conserve this booklet carefully for further consultation.

AT TYPE 14"-26"

Is a tyre changing machine designed and constructed to be used for mounting and demounting tyres on the wheel rims of trucks and light industrial vehicles.

The machine has been designed to operate within the limits described in this booklet and in accordance with the maker's instructions.

The machine must be used only for the functions for which it was expressly designed. Any other use is considered wrong and therefore unacceptable.

The maker cannot be held responsible for eventual damage caused by improper, erroneous or unacceptable use.

IMPORTANT

**AT may be operated only by suitably trained personnel. Any work on the electrical, hydraulic, pneumatic systems must be conducted only by professionally qualified personnel.
10 years in the life of the machine.**

TECHNICAL CHARACTERISTICS

DIMENSIONS

Height (min./max.).....	700 - 1160 mm
Depth.....	1400 mm
Width (min./max.).....	1415-1920 mm

WEIGHT

Net weight.....	530 kg
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ENGINE DATA

Reduction engine	1.5 Kw – 1400 rpm
	3 phases
Reduction turning speed.....	5.5 rpm
Hydraulic engine	1.5 Kw – 1400 rpm
	3 phases
Noise level	75 dbA

RANGE OF APPLICATIONS

AT can operate on wheels having the following minimum and maximum dimensions:

WHEEL

Work on wheels of.....	14" - 26"
Max. Wheel diameter.....	1600 mm
Max. Wheel width.....	820 mm

WARNING !

It is absolutely prohibited to carry out tyre inflation procedures while the wheel is still on the machine!

At least two people are required for the movement of particularly heavy wheels!

WHEEL LOCKING SYSTEM

The self-centering chuck operates by means of a high pressure hydraulic circuit adjustable from 20 to 110 bar. The handle is turned and the pressure read on the manometer. Standard working pressure is 110 bar, but for weak or particularly thin rim it is necessary to reduce this pressure.

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PARTS OF THE MACHINE

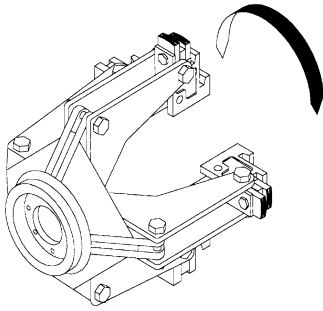


Fig.1 – FOUR-JAW UNIVERSAL CHUCK
With two rotation speeds in both directions. Pressure adjustable hydraulic opening and closing.

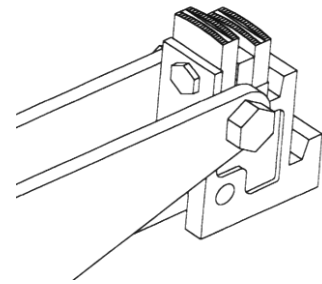


Fig.2 – LOCKING JAWS
The jaws were designed to give different clamping possibilities.

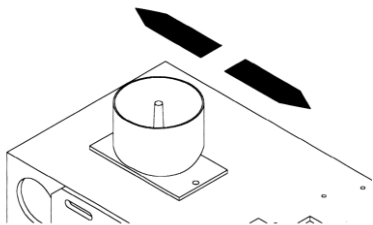


Fig.3 – CHUCK ARM CONTROL UNIT



Fig.4 – AT 14" – 26"

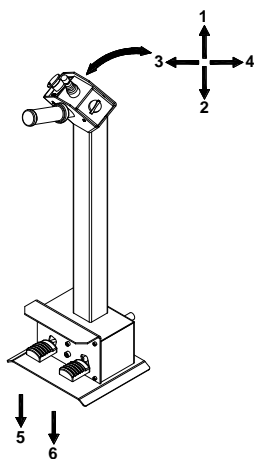


Fig.5 – MOBILE CONTROL UNIT
The controls are combined on a remote mobile control unit with which the operations are coordinated.

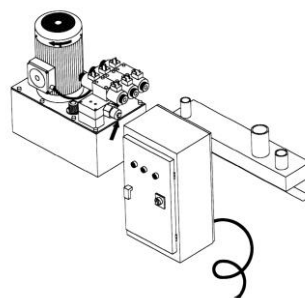


Fig.6 – HYDRAULIC UNIT
By regulating the operating pressure of the chuck, the unit allows safe working conditions even on the various types of alloy rim.

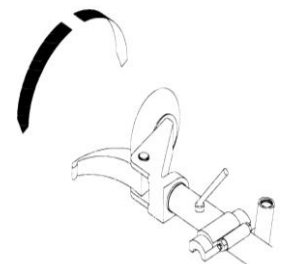


Fig.7 – WORKING ARM
A quick rotation system helps changes in operation during the various stages of bead breaking tool-assisted extraction of tyre etc.

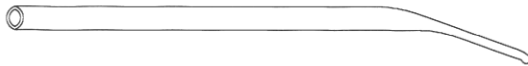


Fig. 8

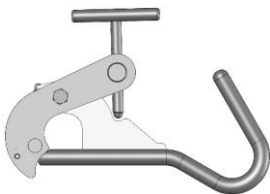


Fig. 9

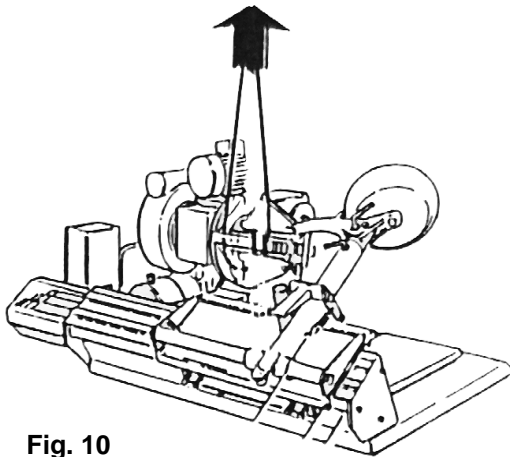


Fig. 10

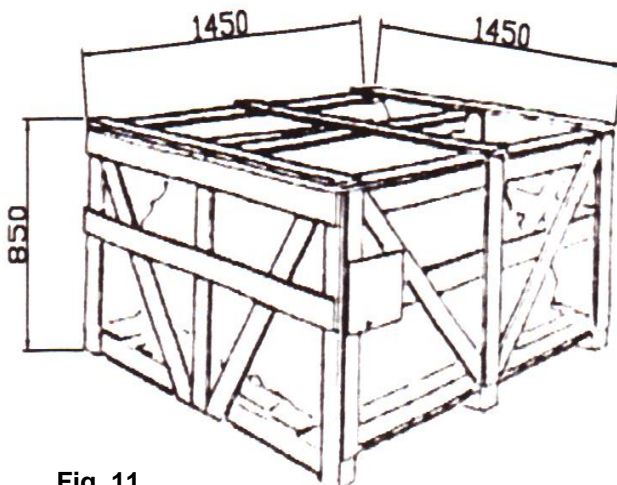


Fig. 11

ACCESSORIES PROVIDED

BEAD LIFTING LEVER (Fig. 8)

A toll necessary for lifting the tyre bead onto the head during demounting.

RIM PINCERS (Fig. 9)

These are used when mounting tubeless and supersingle tyres.

MOVEMENT (Fig. 10)

For installation and ulterior movement of the machine, follow the instructions:

- **Herness** with cables (one of 1.5 m. and one of 2 m.) at the two points indicated.
- **Lift** with a hoist of suitable strength.

N.B. : Whenever it is necessary to move the machine take all precautions to guarentee safe conditions.

NET WEIGHT : 530 Kg

UNPACKING (Fig. 11)

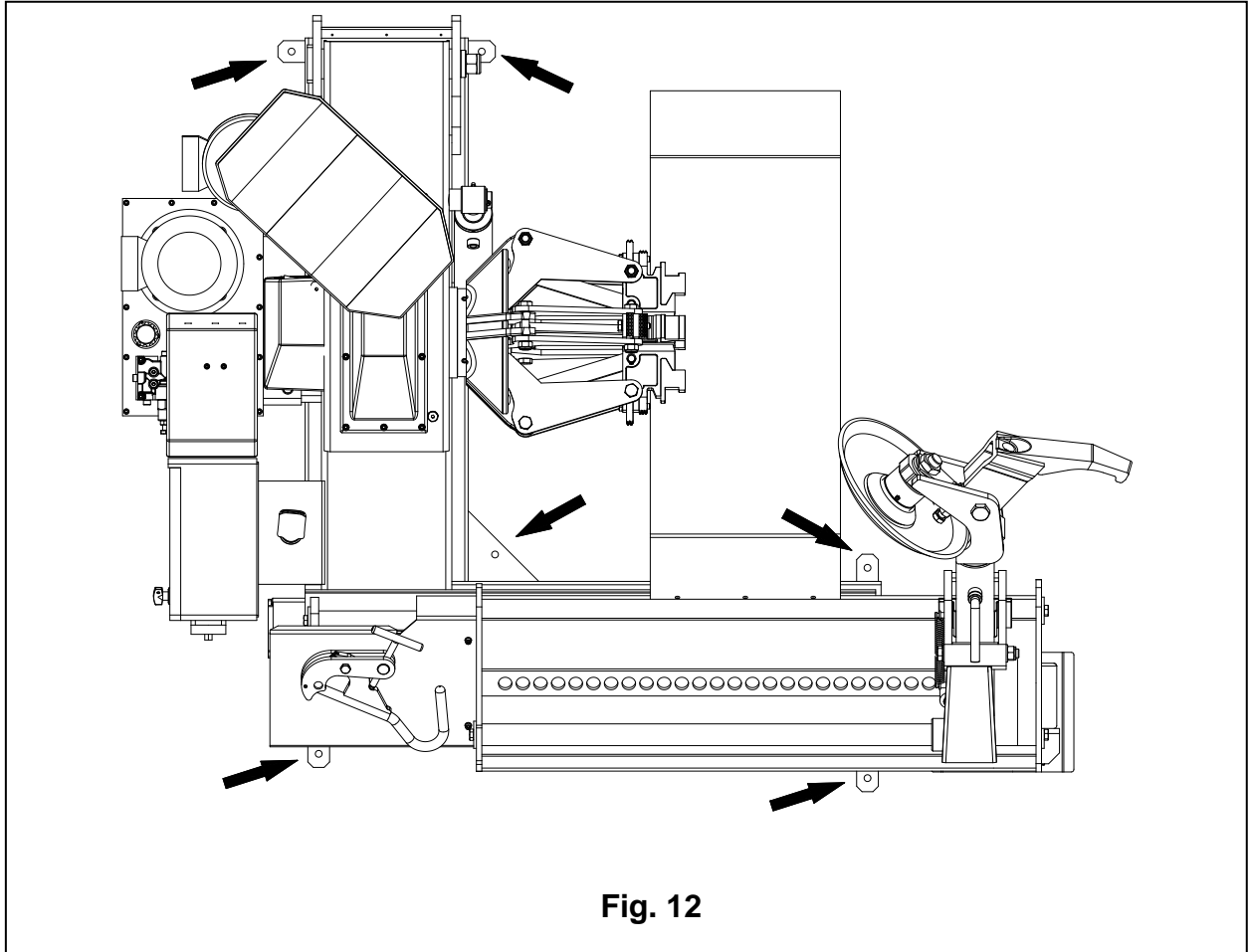
On receipt of the machine remove the packing an chack the machine visually for missing or damaged parts. If in doubt do not use the machine and refer to professionally qualified personnel and/or to the seller.

WARNING !

The packing materials must not be left within reach of children since they are potentially dangerous.

Deposit the above mentioned materials at the relevant collection points if they are pollutants or are non biodegradable.

INSTALLATION



Fix the machine from its connection holes (it is shown figure 12) on the ground by help of steel wall plug. This function must be done to machine to work safely and longevously. If the connection function of the machine is not done, it can causes undesirable results such as the tire cutting, rim scratch, mechanical damages on the machine. Therefore it should not be failed, otherwise because of the encountered problems it can not be under warranty.

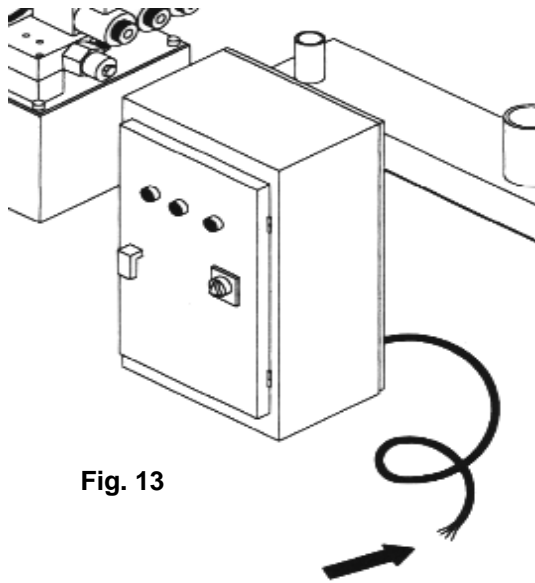


Fig. 13

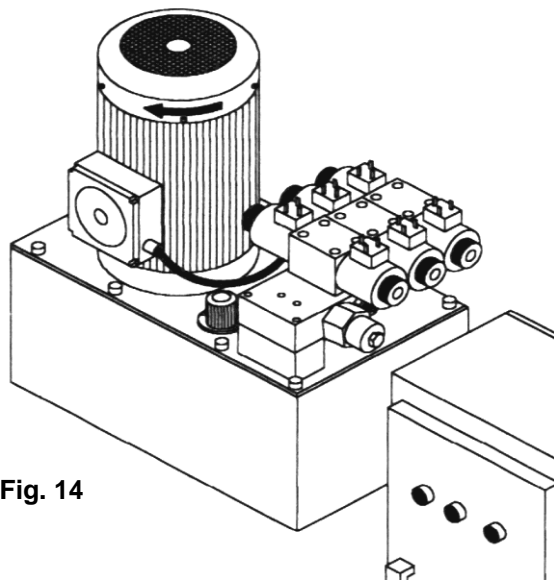
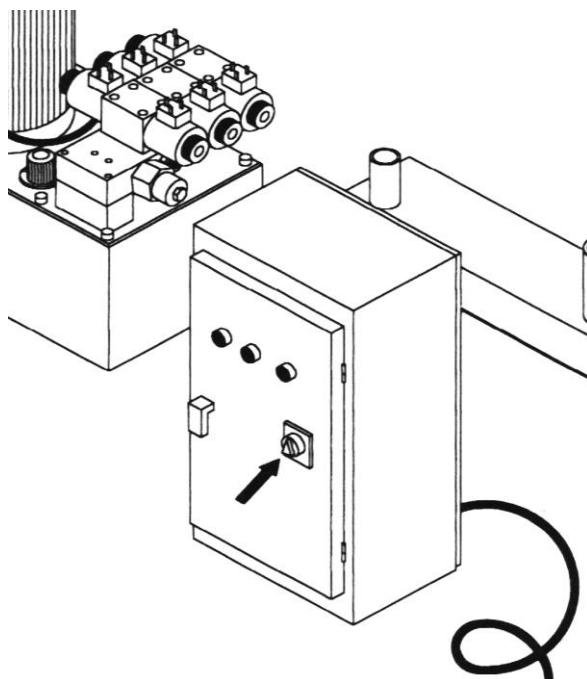


Fig. 14



ALL WORKS ON THE ELECTRICAL SYSTEM, INCLUDING MINOR OPERATIONS, MUST BE CARRIED OUT BY PROFESSIONALLY QUALIFIED PERSONNEL

- Check that the cable mains supply is the same as that shown on the registration plate.
- Connect the cable to a plug that conforms with European norms or to the norms of the country in which the machine is used.
- The plug must have an earth terminal. (Fig. 13)
- Check that the earth connection is effective.
- The machine must be connected to the mains through a multipole isolating switch which conforms with European norms and with contact openings of at least 3 mm.
- Check that the multipole connector on the electrical board is correctly connected.
- When the machine is connected, switch it on and check the correct direction of rotation. This should be as shown by the arrow on the motor unit. (Fig. 14)
- If the rotation is reversed, reverse the two wires in the connection plug.
- If the machine behaves abnormally, immediately switch off the main switch (Fig. 15) and check the section "Malfunctions causes and possible remedies" in the instructions manual.

BEFORE STARTING WORK, LET THE ENGINE IDLE FOR 10 MINUTES IN THE AUTUMN AND WINTER MONTHS. START WORK LATER.

AT THE OIL SYSTEM USE SHELL TELLUS 46 ONLY OR OTHER HYDRAULIC OIL VISCOSITY 46.

THE MANUFACTURER DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE FAILURE TO OBSERVE THE ABOVE MENTIONED INSTRUCTIONS.

TUBELESS AND SUPERSINGLE TYRES

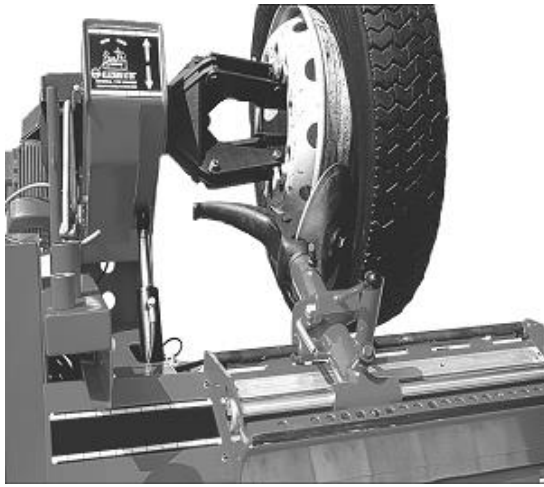


Fig. 16



Fig. 17



DEMOUNTING

- Break the bead at the front part of the tyre and pushing on the bread, lubricate the rim flange and the bread with suitable grease (Fig. 16). Repeat the operation on the back.

- If it is a balcony rim (that is, inclined from 10" to 15") continue the bread – breaking operation until the tyre has come completely out of the rim.

- This operation is easier with the use of the special tubeless roller (Fig. 17) which is supplied on request.

N.B. The for the demounting of the particularly hard textile supersingle tyres or tubeless tyres with a very high rim flange refer to the instructions for the demounting of agricultural wheels.

N.B. The bead and the rim flange should be well lubricated.

MOUNTING

- For mounting undemanding tubeless tyres, place the tyre on the trolley keeping it tilted. Then insert and lower the rim, pressing on the tyre to allow the top of the rim to enter the tyre.

- If it is not possible use the special pincers supplied (Fig. 18) and mount the two beads at the same time. To mount the second bead proceed as shown in.

N.B. For mounting particularly hard tubeless and supersingle tyres, treat them as agricultural wheels.

Warnings!

It is absolutely forbidden to inflate tyres with the wheel still on the machine.

The movement of particularly heavy whells requires at least two people.

AGRICULTURAL TYRES

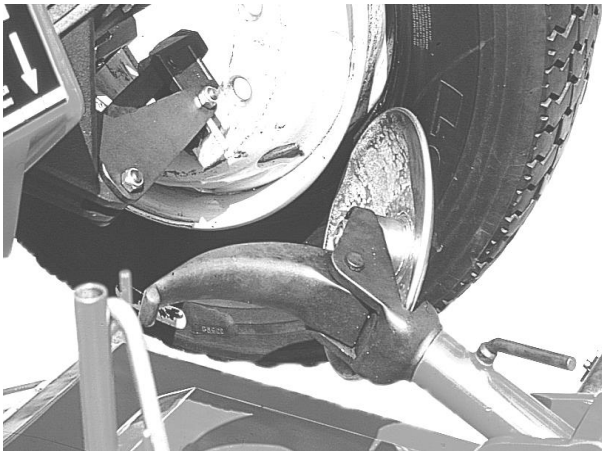


Fig. 19



Fig. 20



Fig. 21

DEMOUNTING

- Clamp the wheel on the self-centering chuck and raise it until the rim flange touches the bead breaking tool. Using the control and selector deflate the tyre and begin the bead breaking operation (Fig. 19 or Fig. 16). Use the pedal and selector to gradually advance the bead breaking roller turning the spindle continuously.

- Lubricate the bead and the rim flange with the special lubricant keeping the wheel in movement. When the operation is finished rotate the tool by 180°, removing the pin. Repeat the bead breaking on the other side of the tyre in the same way.

- Tilt the toll arm and move it back of the tyre pressing the pedal. Using the lever swing the tool into position 2 then re-attach the tool arm to the trolley. Use the control to move the tool against the tyre with the control until the bead is hooked on Fig. 20. Put the tyre into tension moving the rim away from the tool so that the bead enters the channel.

- Insert the special lever (Fig.21/ Fig. 8) between the rim and bead to the right of the tool to ensure that the bead remains on the tool. Move the rim towards the tool again (Fig. 21) until the front bead has completely come out. Rest the wheel on the trolley platform to obtain working space for the easy removal of the inner tube.

- To demount the back bead proceed as shown in Fig. 12 rotate the tool by 180°, insert it between the rim and the bead, move it against the rim flange and insert the lever (Fig 20) and then rotate the spindle in clockwise direction until the operation is complete.

MOUNTING

- Place the tyre on the rim, clamp the special pincers(Fig. 18/ Fig. 9) on the front rim flange and position the tool with reference to the edge of the rim flange.

- Rotate the spindle in a clockwise direction until the back rear bead is fully mounted.

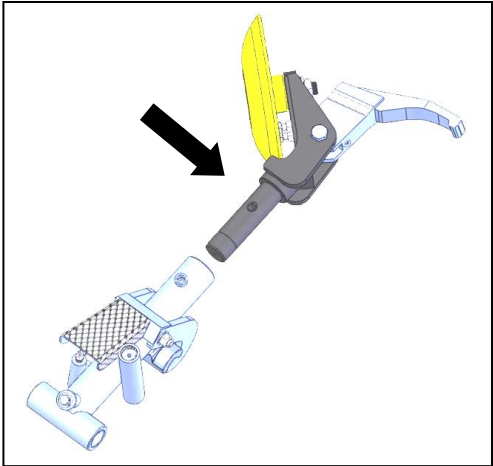
- Insert the inner tube and support the wheel on the trolley platform (Fig. 18) to assist the operation.

- Re-position the tool near to the valve with the relevant reference point on the edge of the rim. Clamp the pincers (Fig.18/ Fig. 9) to the left of the tool and rotate the wheel clockwise making sure that the bead is inside the rim channel.

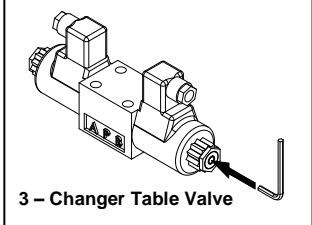
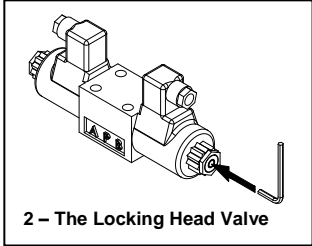
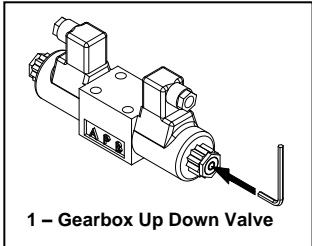
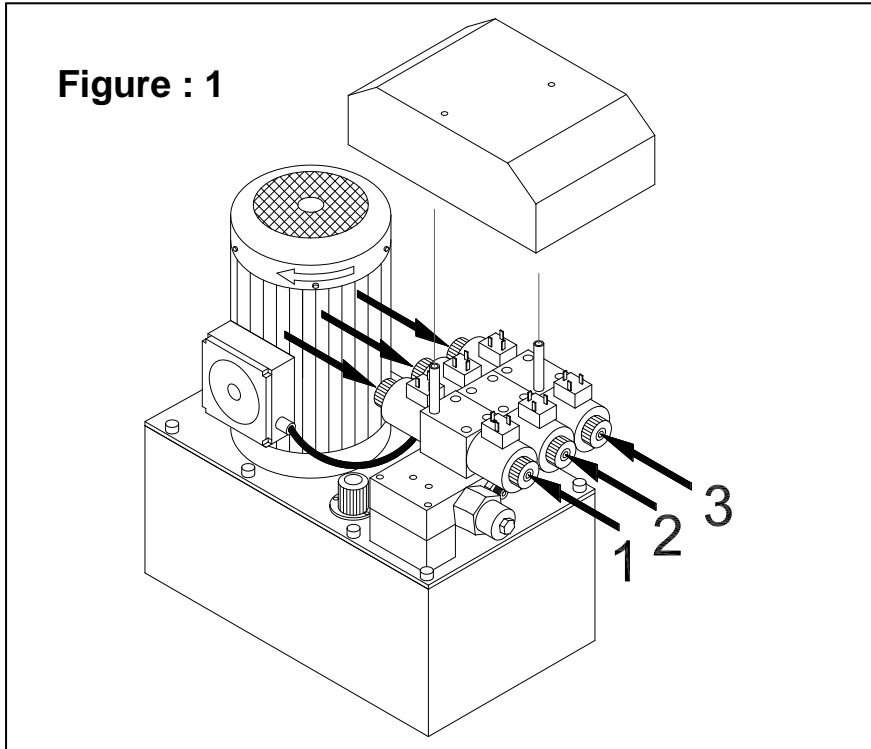
PROBLEMS	CAUSES	REMEDIES
<ul style="list-style-type: none"> - If you have problems while the gear box head is going up and down. - If you have problems during the locking head movements. - If you have problems during the movements of tyre changer table. 	<ul style="list-style-type: none"> - The pressure valve may be blocked. (Figure 1 / Valve 1) - The pressure valve may be blocked. (Figure 1 / Valve2) - The pressure valve may be blocked. (Figure 1 / Valve 3) 	<ul style="list-style-type: none"> - Open the valve cover and by using pim of max Ø5 mm diameter unblock the valve.(Figure 1)
<ul style="list-style-type: none"> - The engine is working but the locking head is not turning. 	<ul style="list-style-type: none"> - The engine belt may be untightened. 	<ul style="list-style-type: none"> - Check the engine belt.
<ul style="list-style-type: none"> - There is not enough pressure in the hydraulic unit 	<ul style="list-style-type: none"> - The direction of the hydraulic unit may be reverse. - There may be lack of oil in the hydraulic unit. 	<ul style="list-style-type: none"> - Change the cables vice in the connection. - Put oil till the level of the insdicator.
<ul style="list-style-type: none"> - The locking head is not working. 	<ul style="list-style-type: none"> - The o-rings of the locking valve may be damaged. - The enter o-ring may be damaged. 	<ul style="list-style-type: none"> - Change the o-rings. - Call our technical service.
<ul style="list-style-type: none"> - The locking head is not turnig to the right or left - The gear box body is not moving up and down. - Tyre carrying table is not moving. 	<ul style="list-style-type: none"> - There may be a problem with the electrical connections. 	<ul style="list-style-type: none"> - Call our technical service.



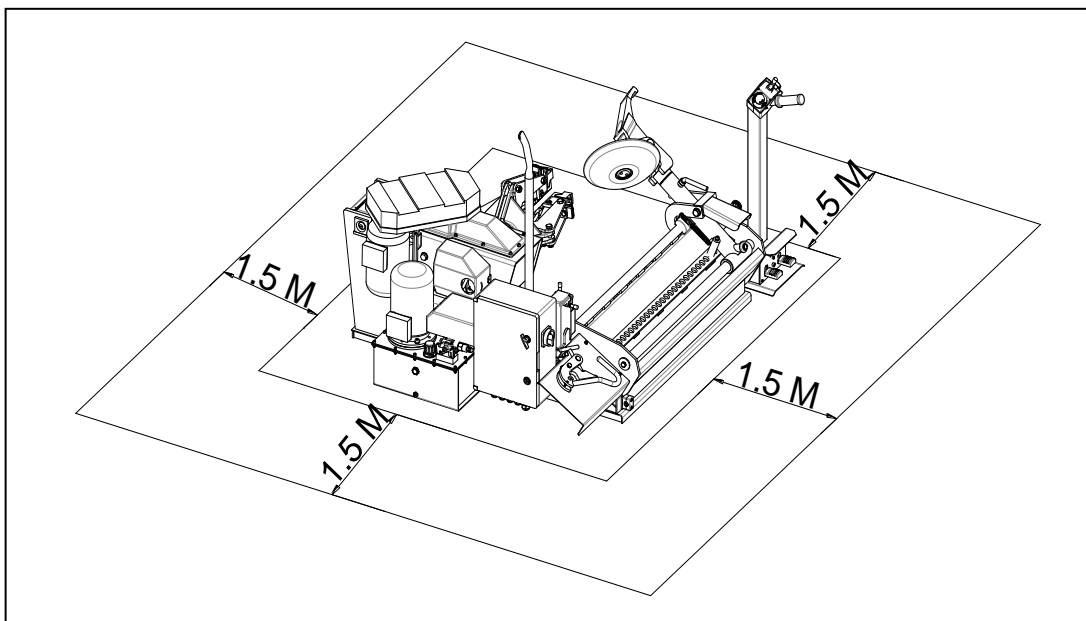
WARNING!
Do not step on the cable of the remote control system. Cable is protected by spiral and spring incase of dropping and smashing parts.



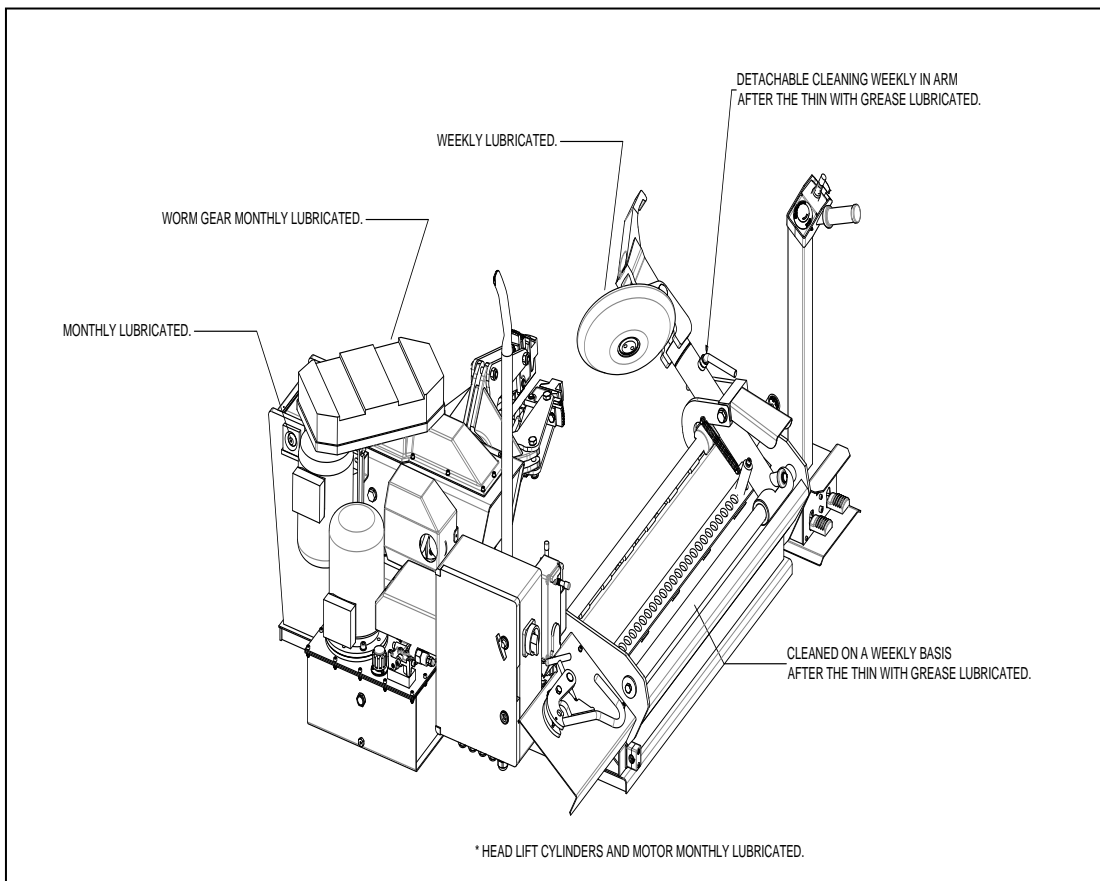
Before operating the machine, lubricate the area shown in the figure.



When the machine is working or the machine stopped, anybody except the operator doesn't approach the machine and the each sides of the machine must be empty at least 1,5 m.



OILING PERIODS



ROUTINE MAINTENANCE

DAILY

- 1) CHECK THE CABLE OF THE MACHINE BEFORE THE RUNNING.
- 2) CHECK THE MACHINE IF THE MACHINE IS CLEAN AND MAINTENANCE IS COMPLETED.
- 3) CHECK THE HYDRAULIC CYLINDER AGAINST THE AIR LEAKAGE.

WEEKLY

- 1) CHECK IF THE DAILY MAINTENANCE IS DONE SYSTEMATICALLY.
- 2) CHECK IF THERE IS ANY OIL LEAKAGE ON THE CYLINDER OF THE BEAD LIFTING.
- 3) CHECK IF THERE IS ANY PROBLEM ON THE SWITCHES AND CONNECTION OF THE MACHINE.

MONTHLY

- 1) CHECK IF THE DAILY AND WEEKLY MAINTENANCES ARE DONE.
- 2) CHECK THE MACHINE PEDALS.
- 3) CHECK THE BELT OF THE MOTOR.
- 4) CHECK THE CONNECTION OF THE GEARBOX.
- 5) CHECK THE MOTOR CONNECTION BOLTS.

6 MONTHLY

- 1) CHECK THE DAILY, WEEKLY AND MONTHLY MAINTENANCE ARE DONE.
- 2) CHECK IF THERE IS ANY CONNECTION PROBLEMS ON THE CABLES AND SOCKET.
- 3) CHECK THE EARTH CONNECTION OF THE MACHINE ELECTRIC SYSTEM.
- 4) CHECK THE ADJUSTMENT OF THE DISMANTLING AND FIXING ARM.

YEARLY

- 1) CHECK THE DAILY, WEEKLY, MONTHLY AND 6 MONTHLY MAINTENANCE ARE DONE.
- 2) ARE THERE ANY UNNORMAL NOISES COMING FROM THE MACHINE.
- 3) ARE THERE ANY UNNORMAL NOISES COMING FROM THE ENGINE.
- 4) ARE THERE ANY UNNORMAL NOISES FROM THE MACHINE WHEN THE MACHINE IS NOT WORKING BUT PLUGGED.
- 5) IS THERE ANY HEATING IN THE CABLES.
- 6) IS THERE ANY UNNORMALITY IN THE ENGINE DURING THE OPERATION.

IF ANY ANSWERS OF THESE QUESTIONS ARE YES CALL THE TECHNICAL SERVICE IMMEDIATELY DO NOT TRY TO SOLVE THE PROBLEMS BY YOURSELF.

GUARANTEE

- MACHINES HAVE 1 YEARS GUARANTEED.
- PLEASE CONTACT WITH YOUR DEALER FOR THE PROBLEMS AND WHEN YOU NEED A SERVICE.

***OUR GUARANTEE DOESN'T CONTAIN ELECTRIC MOTOR

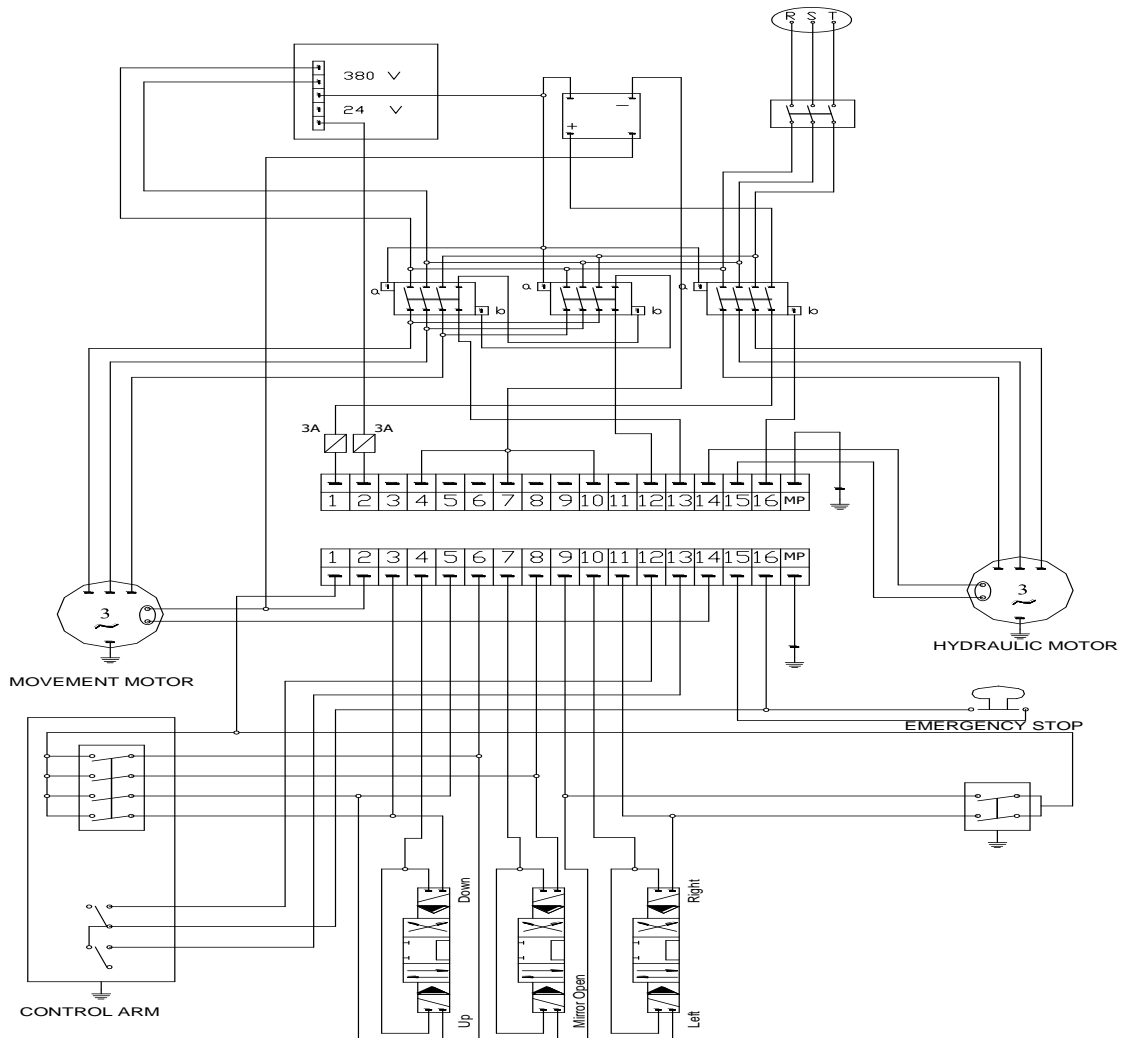
FOR SPARE PARTS ORDER:

- PLEASE INFORM THE SERIAL NUMBER OF THE MACHINE AND MANUFACTURING YEAR.
- PLEASE INFORM THE PART CODE.
- PLEASE INFORM THE QUANTITIES.

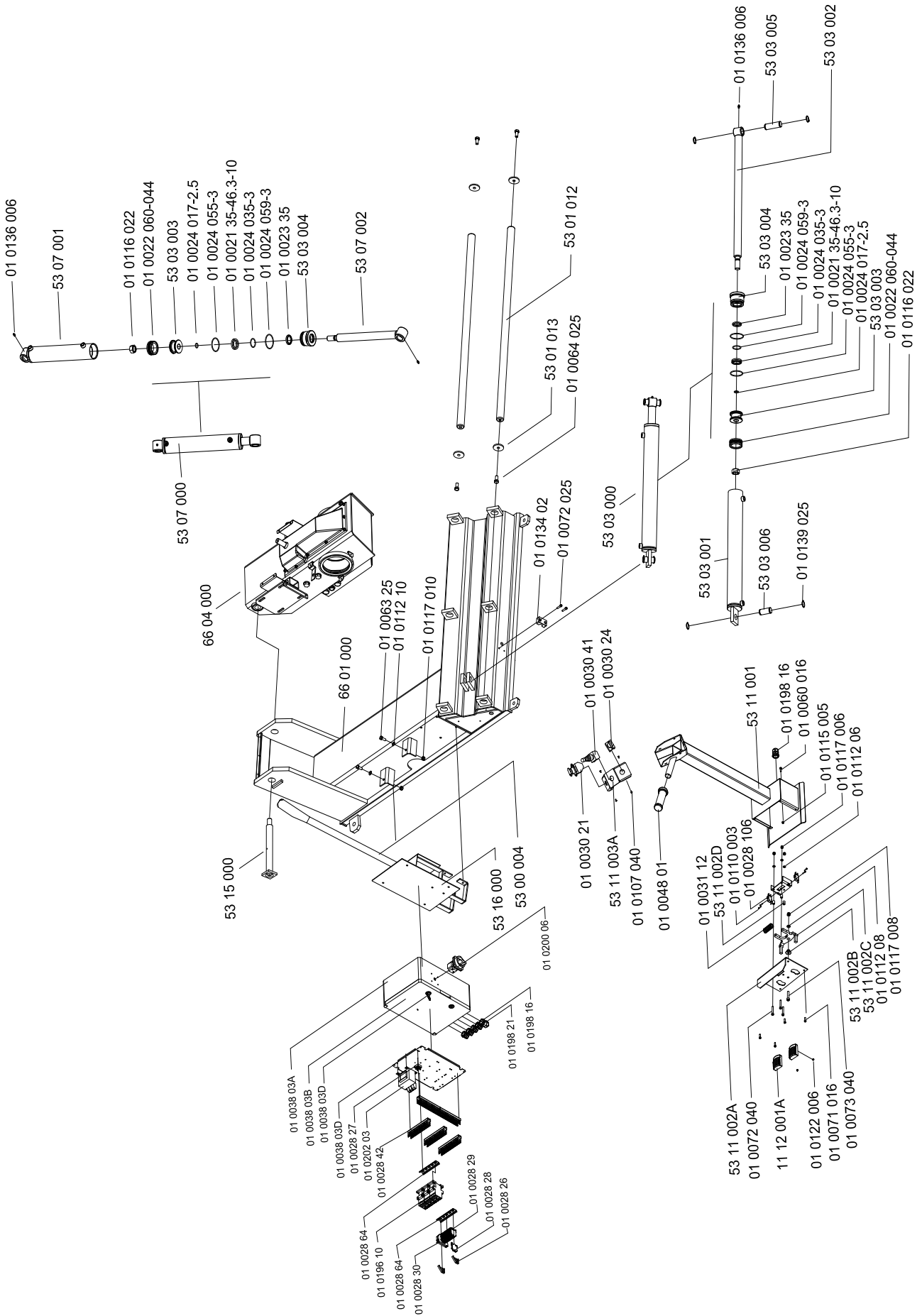
ATTENTION

PLEASE DON'T TRY TO REPAIR IF THE PERSONAL IS NOT OUR REGISTERED SERVICE MAN.

CONTROL BUTON CIRCUIT PLAN (3 PHASES)



DEMONTAGE PLAN



SPARE PARTS LIST FOR AT TYPE

ITEM NO	ITEM/CODE NUMBER	DESCRIPTION
1	66 01 000	BOTTOM BODY GROUP
2	01 0134 02	CUFFS OF CABLE 20
3	01 0072 025	IMBUS BOLT SCREW M6X20
4	53 03 000	SLEDGE CYLINDER GROUP
5	53 03 001	SLEDGE PISTON CYLINDER
6	53 03 002	PISTON GROUP
7	53 03 003	TIREHEAD
8	53 03 004	NUT OF PISTON
9	53 03 005	SLEDGE CONNECTION SPINDLE
10	53 03 006	BODY CONNECTION SPINDLE
11	01 0139 025	SPINDLE PISTON RING Ø 25
12	01 0116 22	NUT SCREW M22X1,5
13	01 0022 060-044	COMPACT SET
14	01 0024 017-2,5	O-RING Ø17X2,5
15	01 0024 055-3	O-RING Ø5X3
16	01 0021 35-46,3-10	NUT-RING 46,3X35X10
17	01 0024 035-3	O-RING Ø35X3
18	01 0024 059-3	O-RING Ø59X3
19	01 0023 35	DUST RUG 35-43-7
20	01 0136 006	GREASE NIPPLE
21	01 0064 025	BOLT SCREW M12X25
22	53 01 013	SPINDLE CONNECTION WASHER
23	53 01 012	TOP BEARING SPINDLE
24	66 02 004	PISTON TOP PLATE
25	01 0072 016	IMBUS BOLT SCREW M6X16
26	01 0112 06	WASHER M6
27	53 02 003	CARRIER SLEDGE HIVE
28	53 02 002	CARRIER EAR HIVE
29	01 0139 045	SPINDLE PISTON RING Ø45
30	53 02 005	BOTTOM BEARING SPINDLE
31	53 02 006	SUPPORT SPINDLE
32	53 05 007	LOCKING SPINDLE
33	01 0031 43	PRESSURE SPRING
34	53 05 005	SLIDING STITCHER
35	01 0139 020	SPINDLE PISTON RING Ø20
36	01 0112 08	WASHER M8
37	01 0073 016	IMBUS BOLT SCREW M8X16
38	53 05 002	PRESSURE PISTON
39	01 0031 01	PRESSURE SPRING OF CHANGING ARM PART
40	53 05 006	SPRING WASHER
41	01 0140 034	HOLE PISTON RING Ø34
42	01 0031 02	PULLING SPRING
43	01 0117 016	FIBER NUT M16
44	53 05 004	HOOK GROUB
45	01 0112 16	WASHER M16
46	01 0065 140	BOLT SCREW M16X140
47	66 05 000	TIRE CARRIAGE GROUP
48	33 21 002	RAMP WHEEL
49	01 0117 008	FIBER NUT M8
50	01 0075 090	IMBUS BOLT SCREW M12x90
51	53 07 000	LIFTIN HEAD PISTON GROUP
52	53 07 001	CYLINDER GROUP
53	53 07 002	PISTON GROUP
54	66 04 000	BODY GROUP OF GEAR-BOX
55	53 15 000	SUPPORTING SPINDLE GROUP
56	01 0072 035	IMBUS BOLT SCREW M10X35
57	01 0149 25	ASPIRATED FILTER 25 (METAL)
58	53 08 005	PUMP EXIT PIPE
59	01 0014 20	RECOR 3/8-10 NB/R
60	53 08 006	STORAGE RETURN PIPE
61	01 0131 1-2	½ COPPER WASHER
62	01 0034 03	TANK TOP SCREW
63	53 08 001	TOP COVER GROUP
64	01 0155 01	COVER OF TANK WITH SMALL SCREW
65	01 0060 016	BOLT SCREW M5X16
66	01 0147 01	BRAKE DRUM 1K 200
67	01 0034 01	ENGINE SCREW
68	01 0273 09-B-5	ENGINE
69	01 0112 10	WASHER M10
70	01 0074 035	IMBUS BOLT SCREW M10X35
71	01 0135 1-4	BLIND BUNG
72	53 08 002	OIL TANK GROUP
73	01 0137 1-2 AL	LEVEL INDICATOR ½ ALUMINUM
74	53 08 004	FILTER TRANSITION RECORD
75	53 08 003	PUMP FILTER CONNECTION PIPE

SPARE PARTS LIST FOR AT TYPE

ITEM NO	ITEM / CODE NUMBER	DESCRIPTION
76	01 0014 21	ROTATING OUTRIGER RECORD 3/8 10NB/R
77	01 0145 09	CAPRONI PUMP 20C 4,5-080
78	53 08 007	KAPLIN GROUP
79	01 810123 10	SET SCREW M8x10
80	53 09 001	BODY GROUP
81	01 0024 014-3	O-RING Ø14x3
82	01 0014 112	¼ - ¼ RECORD
83	01 0024 009-2	O-RING Ø9x2
84	53 09 005	BOTTOM TRANSITION
85	53 09 006	PRESSURE ADJUSTMENT SPINDLE
86	01 0031 04	PRESSURE ADJUSTMENT SPRING
87	53 09 004	SPRING BOTTOM HAD
88	53 09 003	SPRING TOP HAD
89	53 09 002	PRESSURE ADJUSTMENT SCREW
90	01 0115 010	NUT M10
91	01 0124 030	SET SCREW
92	01 0115 010-KS	NUT
93	01 0133 01	MF INJECTOR WASHER Ø9,8XØ19,9X1,8
94	01 0156 02	SOLENOID VALVE WINMAN DFA-02-3C60-DC24-35 AM ¼
95	53 16 000	ACCESSORY AND PANEL CONNECTION
96	01 0038 03	ELECTRICITY PANEL
97	01 0200 06	PAKO CIRCUIT SWITCH T203/01-KG10B/E
98	01 0198 21	PLASTIC CABLE RECORD PG20
99	01 0198 16	PALSTIC CABLE RECORD PG16
100	01 0038 03C	PANO INNER PLATE
101	01 0028 42	CABLE WAY 25x40
102	01 0028 64	CONDUCTOR RAIL
103	01 0202 03	TRANSFORMER 380V.24V.100W
104	01 0196 10	CONDUCTOR CL00A301TD
105	01 0028 29	CONNECTOR UK-5N
106	01 0028 28	EARTHED CONNECTOR USLKG5
107	01 0028 26	CONNECTOR STOPPER EW-35
108	53 11 001	COMMAND SETUP
109	01 0115 005	NUT M5
110	01 0060 016	BOLT SCREW M5x16
111	01 0117 006	FIBERLI NUT M6
112	01 0117 008	FIBERLI NUT M8
113	53 11 002C	PEDAL PLATE
114	53 11 002B	CENTERING HIVE
115	01 0073 040	IMBUS BOLT SCREW M8x40
116	01 0071 016	IMBUS BOLT SCREW M5x16
117	01 0072 040	IMBUS BOLT SCREW M6x40
118	53 11 002A	FRONT COVER
119	01 0031 12	PEDAL SPRING
120	53 11 002D	DISTANCE HIVE
121	01 0110 003	BOLT WITH STAR HEAD M3x20
122	01 0028 106	SWITCH MICRO WITH LONG ARM
123	11 12 010A	PLASTIC PEDAL
124	01 0122 006	SET SCREW M6x6
125	01 0048 01	HAND HANDLE
126	01 0107 040	BOLT WITH STARHEAD M4,2x13
127	53 11 003A	PANEL PLATE
128	01 0030 21	BUTON AEG BFPRN
129	01 0030 41	FOUR-WAY-STICK SWITCH
130	01 0030 24	TLM BUTON XB4 BD53
131	53 06 000	MIRROR GROUP
132	53 06 000-K	MIRROR GROUP FRONT SIDE
133	01 0118 1-14	NUT 1"X14 GRINDER
134	53 06 013	CROSS
135	01 0063 050-10.9	BOLT SCREW M10x50
136	53 06 017	FIXING PIN (BOLT)
137	53 06 003	BODY OF MIRROR
138	01 0023 40	DUST RUG40x48x7/5
139	01 0024 040-3	O-RING Ø40x3
140	01 0021 040	NUTRING 40x50x10
141	53 06 001	CYLINDER GROUP
142	01 0024 005-2,5	O-RING Ø5x2,5
143	53 06 006	MAIN SPINDLE
144	53 06 007	SET SCREW
145	53 06 002	FLANGE SPINDLE CLEAT
146	53 06 005	HANDCUFFS/CLAMP
147	53 06 004	TIRE HEAD
148	01 0022 100-075	COMPACT SET100x75
149	01 0024 090-5	O-RING Ø90x5
150	53 06 021	CYLINDER COVER
151	01 0139 028	SPINDLE SEGMENT (RING) Ø28
152	01 0150 315-ALT	MANOMETER WITH WITH GLYCERN 63x315

SPARE PARTS LIST FOR AT TYPE

ITEM NO	ITEM / CODE NUMBER	DESCRIPTION
153	01 0159 01	LOCKING VALVE
154	01 0159 02C	BLIND STOPPER(BUNG) 1/4
155	01 0159 02D	LOCKING MIDDLE SLIDING SPINDLE
156	01 0159 02E	BLIND STOPPER (BUNG) 7/8
157	01 0063 070	BOLT SCREW M10x70
158	01 0039 03	CLOCK COVER
159	53 04 004	OPPOSITE GRINDER GROUP
160	53 04 009	CLEAT HOLDER REAR LAMA
161	53 04 007	RAYNEL WASHER Ø131xø157x0,5
162	53 04 006	OPPOSITE GRINDER SUPPORT HIVE
163	53 04 010	CLEAT HOLDER FRONT LAMA
164	01 0073 035	IMBUS BOLT SCREW M8x35
165	53 04 004A	OPPOSITE GRINDER FIRST OPERATION
166	53 04 004B	GEAR BOX GRINDER CENTER
167	01 0135 1-2P	BLIND STOPPER ½ PLASTIC
168	53 04 011	PULLEY PLASTIC CONNECTION PLATE
169	01 0072 010	IMBUS BOLT SCREW M6x10
170	53 04 002	INFINITE SPINDLE WITH SCREW
171	53 04 008	INFINITE GRINDER BEARING CENTERING PIN
172	01 0075 020	IMBUS BOLT SCREW M12x20
173	53 04 003	SOLE CONNECTION LAMA
174	01 0053 30205-FAG	BEARING FAG 30205
175	53 04 005	BEARING COVER
176	01 0073 025	IMBUS BOLT SCREW M8x25
177	01 0039 04	GEAR BOX COVER
178	53 04 012	GREASE FITTING CONNECTION PIPE
179	01 0136 005	GREASE FITTING M6 x 90°
180	01 0112 006	WASHER M6
181	01 0012 1025	V-BELT - 9,5x1025
182	01 0042 190-3	ENGINE PULLEY
183	01 0039 02	PULLEY TOP COVER
184	01 0110 002	BOLT WITH STARHEAD M2,5x12
185	01 0039 01	PULLEY BOTTOM COVER
186	01 0065 080	BOLT SCREW M14x80
187	01 0130 014-020-1	RAYNEL WASHER Ø20xø14x1
188	53 06 012	PULING LAMA
189	53 06 014	PULLING LAMA CONNECTION PIN
190	01 0117 014	NUT WITH FIBER M14
191	53 06 010	CLAMP COUPLING RIGHT LAMA
192	01 0139 014	SPINDLE SEGMENT Ø14
193	53 06 016	CLAMPING ARM
194	53 06 018	ALUMINIUM RIM CLAMPING SCREWS
195	01 0074 045	IMBUS BOLT SCREW M10x45
196	53 06 019	SHORT RIM CLAMPING SCREWS
197	53 06 020	LONG RIM CLAMPING SCREWS
198	53 06 015	CLAMPING ARM CONNECTION PIM
199	01 0111 010	SERRATED WASHER M10
200	53 06 008	CLAMPING LAMA CONNECTION PIN
201	01 0063 050	BOLT SCREW M10x50
202	53 00 004	LEVER
203	53 18 000	GROUP TO PRESS
204	53 18 003	CLAMPING ARM GROUP
205	53 18 004	CLAMPING ARM SLOT HIVE
206	53 18 001	BODY PRESS
207	53 18 002	PRESS SCREW BODY GROUP
208	01 0141 06-030	PIN WITH BREACH M6x30
209	01 0031 14	MULTI BRAKE LINING SPRING
210	01 0117 010	NUT WITH FIBER M10
211	53 13 000	FLANGE CONNECTION PIN
212	33 17 004	CENTERING SPINDLE
213	33 17 002	BODY FLANGE
214	01 0130 040-050-0,5	RAYNEL WASHER PUL Ø40xø50x0,5
215	53 14 001	BODY WELD GROUP
216	33 17 006	SPRING CONNECTION PLATE
217	53 14 002	CHANGING SCREW
218	01 0031 52	CHANGING SCREW PULLING SPRING
219	33 17 005	CONNECTION SPINDLE
220	53 05 000	TO PULL ATTACHING GROUP
221	33 17 007	SET DISTANCE SCREW
222	01 0115 014	NUT
223	01 0028 30	EARTHED CONNECTOR
224	01 0112 12	M12 WASHER
225	01 0063 25	BOLT SCREW M10x25
226	01 0117 012	FIBER NUT M12
227	01 0112 08,5	WASHER M8
228	66 02 000	SLIDE GROUP

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WHEEL BALANCING MACHINES
TYRESHOPS

RIM STRAIGHTENING MACHINES

TYRE CHANGERS

EQUIPMENT FOR

Statistic no. : 008132994
PL52702052460000

EC VAT no. : PL5270205246

Register no. : KRS 0000111731

EORI no. :

Account : for EURO : BZ WBK SA no. PL 62 1090 1014 0000 0000 0303 1619
PP XXX)

(swift code: WBK PPL

for USD : BZ WBK SA no. PL 49 1090 1014 0000 0001 1720 1435



CE Conformity Declaration

in accordance with directives : 2006/42/EC, 2006/95/EC, 2004/108/EC

We : **Uni-trol Co. Ltd.**
Ul. Estrady 56
01-932 Warsaw

Poland

declare, under our exclusive responsibility, that the product

Truck tyre changer **Electromechanical, pneumatic and hydraulic device** **model AT-26**

Serial number

concerned by this declaration, complies with all relevant requirements of the Machinery Directive:

- **Directive 2006/42/EC (safety machines),**

applicable in the essential requirements and relevant conformity assessment procedures, as well as on the essential requirements of the following directives:

- **Directive 2006/95/EC (the low voltage);**

- **Directive 2004/108/EC (the electromagnetic compatibility).**

In order to verification of compliance with the applicable legal regulations have been consulted harmonized standards and other normative documents:

PN-EN ISO 12100:2012P

Safety of machinery -- General principles for design – Risk assessment and risk reduction

PN-EN 61000-6-3:2008P

Electromagnetic compatibility (EMC) -- Part 6-3: General standards -- Emission standard for environments: residential, commercial and light industrial

PN-EN 61000-6-4:2008P

Electromagnetic compatibility (EMC) -- Part 6-4: General standards -- Emission standard for industrial environments

PN-EN ISO 13857:2010P

Safety of machinery - Safety distances to prevent hazard zones being reached by upper and lower limbs

PN-EN 349+A1:2010P

Safety of machinery - Minimum gaps to avoid crushing of parts of the human body

PN-EN 60204-1:2010P

Safety of machinery -- Electrical equipment of machines -- Part 1: General requirements

PN-EN 61293:2000P

Marking of electrical equipment with ratings related to electrical supply -- Safety requirements

PN-EN ISO 4414:2011E

Pneumatic fluid power -- General rules and safety requirements for systems and their components

[PN-EN ISO 4413:2011E](#)

Hydraulic fluid power. General rules and safety requirements for systems and their components.

PN-EN ISO 11201:2012P

Acoustics -- Noise emitted by machinery and equipment -- Determination of emission sound pressure levels at a work station and at other specified positions in an essentially free field over a reflecting plane with negligible environmental corrections

PN-EN ISO 11202:2012P

Acoustics -- Noise emitted by machinery and equipment -- Determination of emission sound pressure levels at a work station and at other specified positions applying approximate environmental corrections

PN-EN ISO 4871:2012P

Acoustics -- Declaration and verification of noise emission values of machinery and equipment

PN-EN 50419:2008P

Marking of electrical and electronic equipment in accordance with Article 11 (2) of Directive 2002/96/CE (WEEE)

The technical documentation of this device, referred to in point 1 of Annex VII A of the Machinery Directive, is located in the headquarters Uni-trol Ltd. (address as above) and will be made available to the competent national authorities for at least 10 years after the last piece.

The person responsible for the preparation of the technical documentation of the product and introducing changes in it, is MSc. Gregory Tworek - Member of the Board.

This EC Declaration of Conformity will be kept by the manufacturer of the product for 10 years from the date of produce the last unit and will available for market supervisory authorities for verification.

MSc. Gregory Tworek - Member of the Board.

Warsaw, 21.10.2013

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Signature