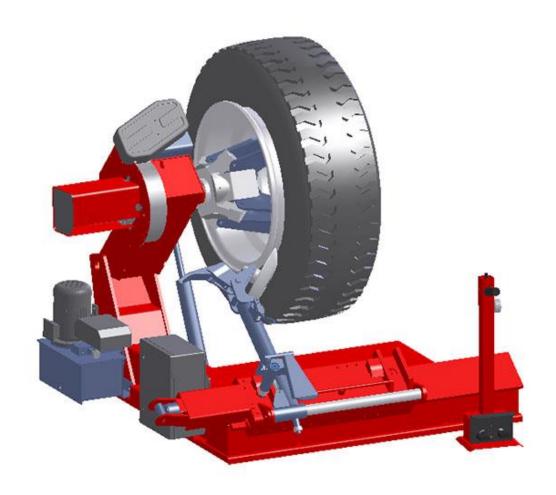




# **INSTRUCTIONS BOOKLET**



# Automatic Truck Tyre Changer Machine

AT-56

# **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- 56

Is a tyre changing machine designed and constructed to be used for mounting and demounting tyres on the whell 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 casued by improper, erroneous or unacceptable use.

## **IMPORTANT**

The machine may be operated only by suitably trained personnel. Any work on the electrical, hydraulic, pneumatic systems must be conducted only by profesionally qualified personnel.

## TECHNICAL CHARACTERISTICS

## **DIMENSIONS**

Height (min./max.)	866 - 1540 mm
Length	1720 mm
Widht (min./max.)	1910 -2257 mm

#### **WEIGHT**

Net weight...... 800 kg

#### **ENGINE DATA**

Reduction Engine	.1.3/1.8 Kw – 1400/3000 Rpm
•	3 Phases
Hydraulic Engine	1.5 Kw – 1400 Rpm
	3 Phases
Noise Level	<65 db

# **RANGE OF APPLICATIONS**

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

## WHEEL

Work on wheels of	14" – 56"
Max. Wheel diameter	2300 mm
Max. Wheel width	1065 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. Standart working pressure is 110 bar, but for weak or particularly thin rim it is necessary to reduce this pressure.

#### **CONTENTS**

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3 - Parts of the machine	3
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# **PARTS OF THE MACHINE**

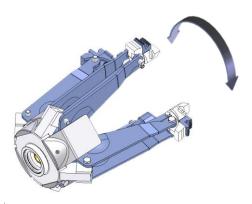


Fig.1 – FOUR-JAW UNIVERSAL CHUCK With two rotation speeds in boot directions. Pressure adjustable hydraulic opening and closing.

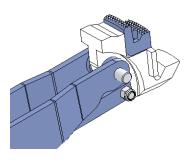


Fig.2 – LOCKING JAW
The Jaw was designed to give different gnopping possibilites.

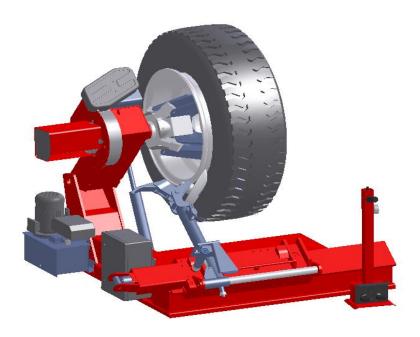


Fig.3 - AT - 56



Fig.4 – MOBIL CONTROL UNIT The controls are combined on a remote mobile control unit with which the operations are coordinated.

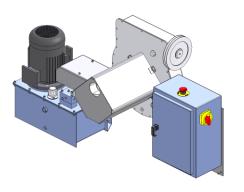


Fig.5 – HYDRAULIC UNIT By regulating the operating pressure of the chuck,the unit allows safe working conditions even on the various types of alloy rim.

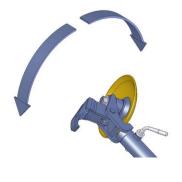


Fig.6 – WORKING ARM A guick rotation system helps changes in operation dunng the various stages of bead breaking tool-assisted extration of tyre etc.

# **ACCESSORIES PROVIDED**

# **BEAD LIFTING LEVER (Fig. 7)**

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

# RIM PINCERS (Fig. 8)

These are used when mounting tubeless and supersingle tyres.





Fig. 8

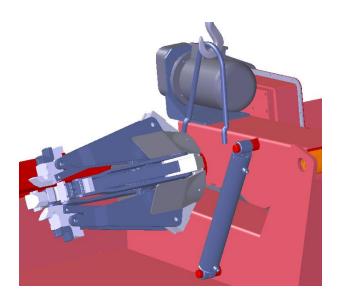
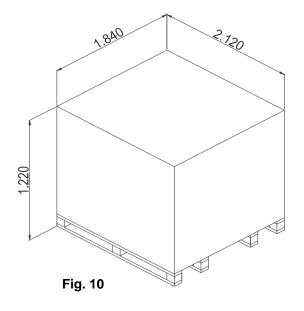


Fig. 9



# **MOVEMENT** (Fig. 9)

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 necessary to guarentee safe conditions.

**NET WEIGHT: 850 Kg** 

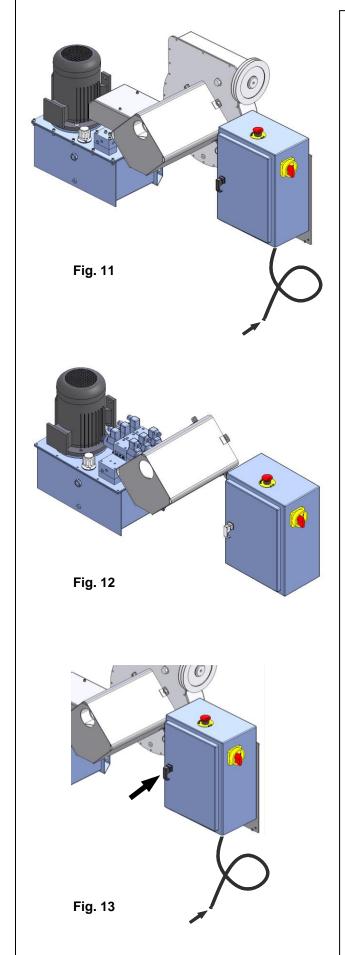
# **UNPACKING** (Fig. 10)

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 prefossionally qualified personnel and/or to the seller.

## **WARNING!**

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

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



# ALL WORK 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 morms of the country in which the machine is used.
- The plug must have an earth terminal. (Fig. 11)
- Check that the earth connection is efective.
- 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. 12)
- 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. 13) and check the section "Malfunctions causes and possible remedies" in the instructions manual.

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

# TUBELESS AND SUPERSINGLE TYRES

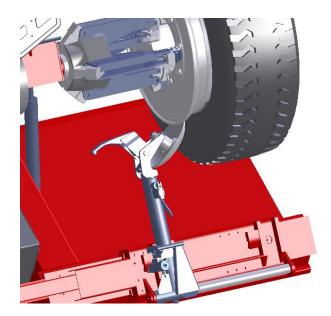


Fig. 14

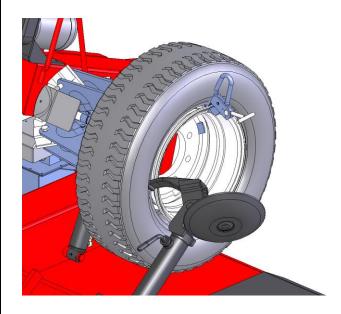


Fig. 15

## **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. 14). 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.
- **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. 15) 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 whell still on the machine.

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

# **AGRICULTURAL TYRES**

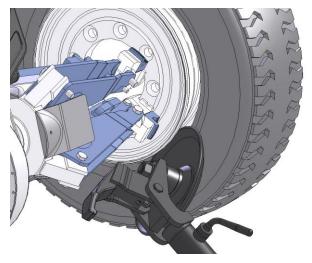


Fig. 16

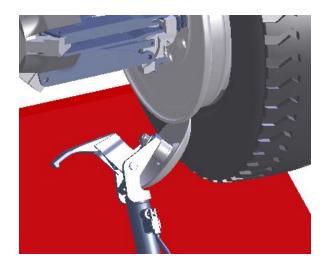


Fig. 17

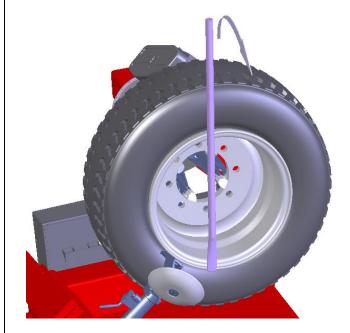


Fig. 18

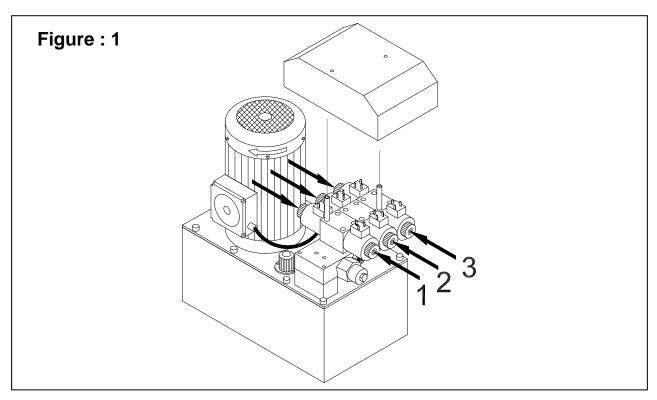
# **DEMOUNTING**

- Clamp the whell on the self-centering chuck and raise it until the rim flange touches the bead breaking tool. Using the control snd selector deflate the tyre and begin the bead breaking operation (Fig. 16 or Fig. 14). Use the pedal and selector to graudally 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 againts the tyre with the control until the bead is hooked on Fig. 18, put the tyre into tension moving the rim away from the tool so that the bead enters the channel.
- Insert the special lever (Fig.18/Fig. 6) 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. 18) 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. 11 rotate the tool by 180°, insert it between the rim and the bead, move it against the rim flange and insert the lever (Fig 17) and then rotate the spindle in clockwise direction until the operation is complete.

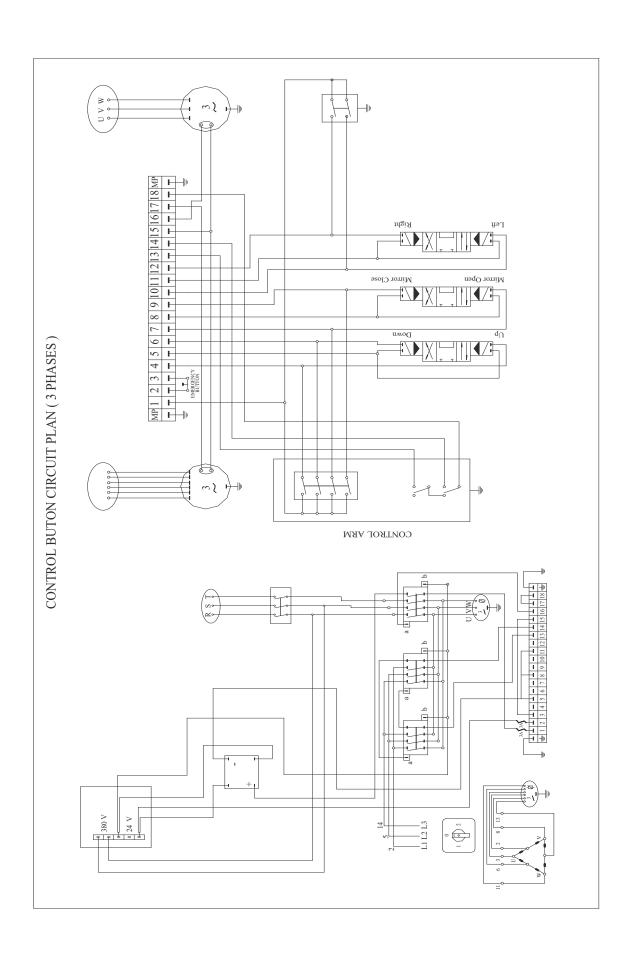
## **MOUNTING**

- Place the tyre on the rim , clamp the special pincers ( Fig. 15/Fig. 7 ) 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.
- İnsert the inner tube and support the wheel on the trolley platform ( Fig. 15 ) to assist the operation.
- Re-position the tool near to the valve with the relevant referance point on the edge of the rim. Clamp the pincers (Fig.15/Fig. 7) to the left of the tool and rotate the wheel clockwise making sure that the bead is inside the rim channel.

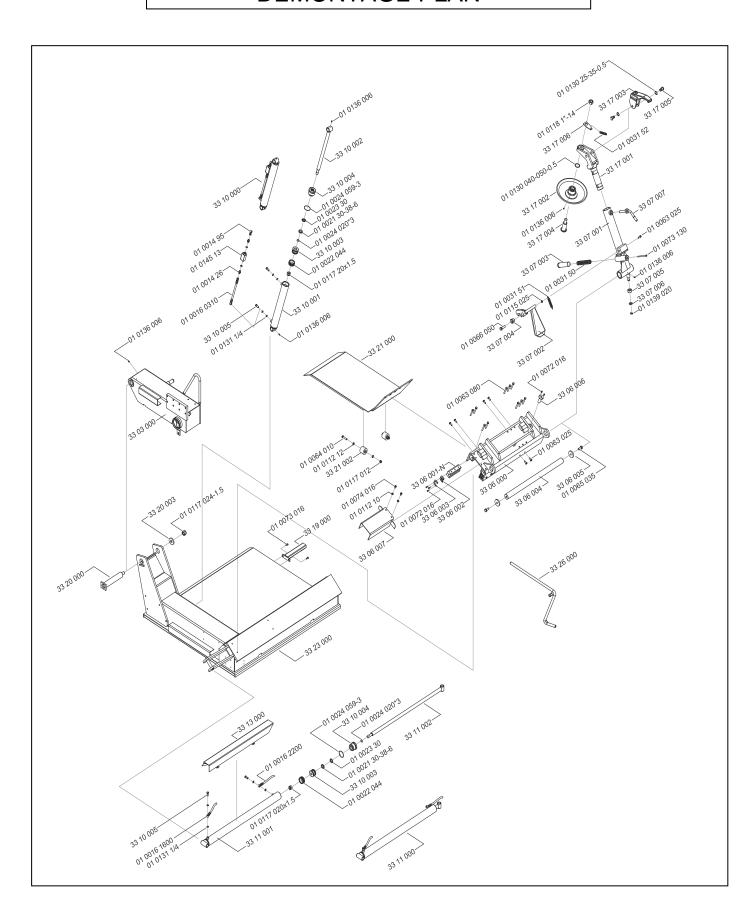
PROBLEMS	CAUSES	REMEDIES
- If you have problems while thegear box head is going up and down.	- The pressure valve may be blocked. ( Figure 1 / Valve 1 )	On any the cycles account and had
- If you have problems during the locking head movements.	- The pressure valve may be blocked. ( Figure 1 / Valve2 )	- Open the valve cover and by using pim of max $\varnothing 5$ mm diameter unblock the valve.(
- If you have problems during the movements of tyre changer table.	- The pressure valve may be blocked. ( Figure 1 / Valve 3 )	Figure 1)
- The engine is working but the locking head is not turning.	- The engine belt may be untightened.	- Check the engine belt.
- There is not enough pressure	- The direction of the hydraulic unit may be reverse.	- Change the cables vice in the connection.
in the hydraulic unit	- There may be lack of oil in the hydraulic unit.	- Put oil till the level of the insdicator.
- The locking head is not working.	- The o-rings of the locking valve may be damaged.	- Change the o-rings.
	- The enter o-ring may be damaged.	- Call our technical service.
<ul> <li>The locking head is not turnig to the right or left</li> <li>The gear box body is not moving up and down.</li> <li>Tyre carriying table is not moving.</li> </ul>	- There may be a problem with the electrical connections.	- Call our technical service.

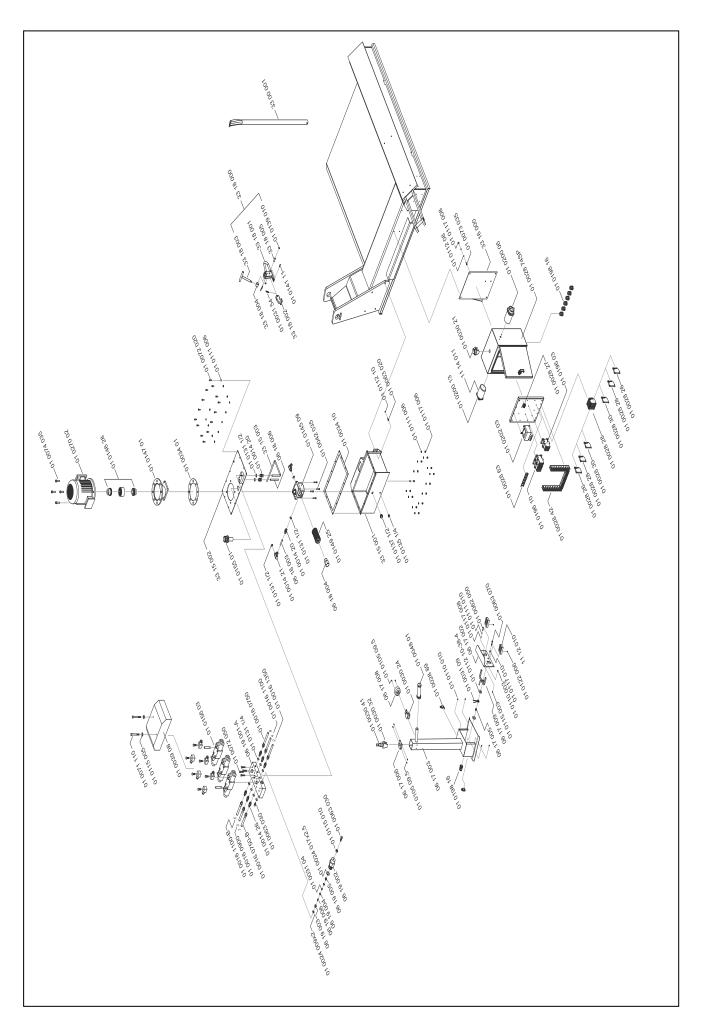


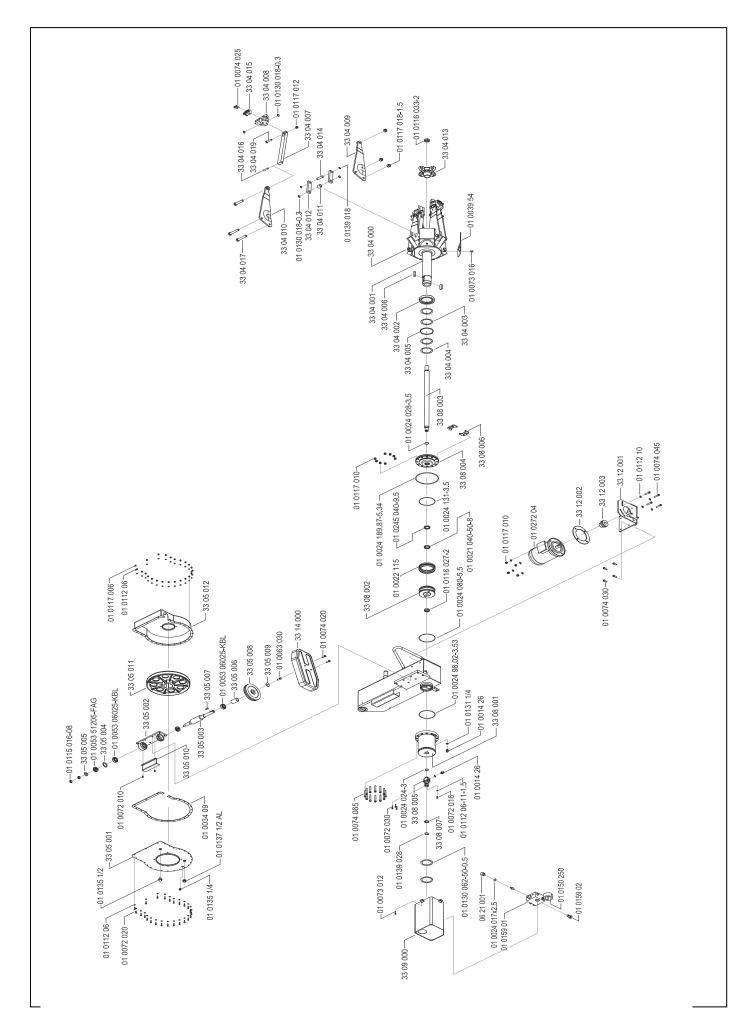
# **ELEKTRICAL PLAN**



# **DEMONTAGE PLAN**







			SPARE PARTS LIST FOR AT - 56
1   33 23 000   REDUCTION CONNECTION MILE	ITEM NO		
2 33 30 000 REDUCTION CONNECTION MILE 3 33 30 003 WASHER 4 0 10 117 224-1.5 FIBER NUT 5 33 00 000 REDUCTION CONNECTION MILE 7 33 19 000 REDUCTION CONNECTION MILE 8 01 0073 016 CV CUNDER HEAD SCREW 9 33 19 000 SLIDE SHEET CROUP 10 33 11 000 SLIDE SHEET CROUP 11 33 11 001 CV LINDER READ SCREW 9 33 10 000 SLIDE SHEET CROUP 11 2 01 0016 1000 SLIDE SHEET CROUP 11 33 11 001 CV LINDER GROUP 12 01 0016 1000 SLIDE SHEET CROUP 13 10 001 CV LINDER GROUP 14 0 01 017 107 001 SLIDE SHEET NOROUP 15 01 010 1000 SLIDE SHEET SCROW 16 01 010 1000 SLIDE SHEET SCROW 16 01 010 1000 SLIDE SHEET SCROW 17 01 010 1000 SLIDE SHEET SCROW 18 01 010 1000 SLIDE SHEET SCROW 19 01 010 1000 SLIDE SHEET SCROW 19 01 010 1000 SLIDE SHEET SCROW 10 010 1000 SLIDE SCREW 10 010 1000 SCREW 10			
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4			
6			
6	5	33 03 000	REDUCTION BODY GROUP
8	6		GREASE FITTING
9   33   13 000   SLIDE SHEET GROUP	7	33 19 000	RAMP PROFILE GROUP
10	8	01 0073 016	
11   33 11 001   CYLINDER GROUP     12   01 0016 1600   SILIDE FRONT HOSE     13   01 0131 1/4   WASHER     14   01 017 020x1.5   FIBER NUT     15   01 0016 2200   SILIDE BACK HOSE     16   01 0016 2200   SILIDE BACK HOSE     17   33 10 023 3-38-6   TYRE HEAD     17   33 10 023 3-38-6   TYRE HEAD     19   01 0024 059-3   FELT     20   01 0024 059-3   FELT     21   33 10 004   FRONT COVER     22   01 0024 020x3   O-RING     23   33 11 1002   PISTON GROUP     24   33 06 000   SILIDE GROUP     25   33 06 000   SILIDE GROUP     26   33 06 000   SILIDE GROUP     27   33 06 000   SILIDE GROUP     28   33 06 000   SILIDE FRONT COVER     29   30 06 001   FELT PRESS TO SHEET     29   30 06 003   FELT PRESS TO SHEET     29   30 06 004   SILIDE MILE HEAD SCREW     29   30 06 004   SILIDE MILE HEAD SCREW     30 0 30 005   WASHER     30 0 30 005   WASHER     31 0 1 0005 035   SCREW     32 0 10 0003 025   SCREW     33 06 000   SILIDE MILE HEAD SCREW     33 06 000   SILIDE MILE HEAD SCREW     34 01 0005 035   SCREW     35 0007   PISTON PROTECTION GROUP     36 0 10 112 10   WASHER     37 0 10 1007 0007 0007   PISTON PROTECTION GROUP     38 0 10 112 10   WASHER     39 0 30 000   SILIDE MILE     40 0 10 112 12   WASHER     41 0 10 1012 12   WASHER     42 0 10 117 1012   FIBER NUT     43 33 10 000   HEAD UP PISTON GROUP     44 33 10 000   HEAD UP PISTON GROUP     45 0 10 117 2011 5   FIBER NUT     46 33 10 003   FIRE NUT     47 33 10 1004 29   RECORD     48 33 10 005   CONNECTION SECOND     59 0 10 10 10 15   PEDAL ARCH     60 0 10 10 10 10 10 10 10 10 10 10 10 10			
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17   33 10 003			
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22	20		O-RING
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24   33 06 000   SLIDE GROUP	22		
25   33 06 001-N			
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27   33 06 003   FELT PRESS TO SHEET			
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29   33 06 004   SLIDE MILE			
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32			
34 33 06 006 SILDE PISTIN GROUP 35 33 08 007 PISTON PROTECTION GROUP 36 01 0112 10 WASHER 37 01 0074 016 CYLINDER IREAD SCREW 38 33 21 000 RAMP GROUP 39 01 0064 010 SCREW 40 01 0112 12 WASHER 41 33 21 002 TYRE 42 01 0117 012 FIBER NUT 43 33 10 000 HEAD UP PISTON GROUP 44 01 0117 20x1.5 FIBER NUT 45 01 0117 20x1.5 FIBER NUT 46 03 31 000 FIBER NUT 47 33 10 004 FRONT COVER 48 33 10 002 PISTON GROUP 49 33 10 002 PISTON GROUP 49 33 10 002 PISTON GROUP 50 01 0016 0310 LOCK VALF HOSE 51 01 0014 26 RECORD 51 01 0014 26 RECORD 52 01 0145 13 LOCK VALF HOSE 53 01 0014 95 HOSE RECORD 54 33 07 007 CONNECTION RECORD 55 33 07 0003 BEEHIVE PISTON GROUP 56 33 07 0003 BEEHIVE PISTON GROUP 57 33 07 0005 PULLEY 59 33 07 0005 PULLEY 59 33 07 000 PULLEY WASHER 60 01 019 031 D DEPAL GROUP 61 01 0006 050 SCREW 61 01 00031 SCREW 62 01 0115 025 NUT 63 31 0005 PULLEY WASHER 64 01 00031 50 BEEHIVE PISTON GROUP 66 33 07 000 BEEHIVE PISTON GROUP 67 33 07 000 BEEHIVE PISTON GROUP 68 33 07 000 SCREW 69 03 30 7 004 MILE TO SET 61 01 0006 050 SCREW 61 01 01030 SCREW 62 01 0113 02 FLANGE GROUP 68 33 17 000 BEEHIVE ARCH 69 33 17 0001 GROUP 69 33 17 0001 GROUP 69 33 17 0001 BEEHIVE RICH 60 01 0130 20 MILE SEGMENT 61 01 0006 050 SCREW 61 01 0130 25 SCREW 62 01 0113 02 SCREW 63 01 0031 51 PEDAL ARCH 64 01 0031 50 BEEHIVE ARCH 65 01 0073 130 SCREW 66 01 0130 20 FLANGE GROUP 67 33 17 0001 GROUP TO PULL 71 33 17 0005 CONNECTION MILES 72 01 0031 52 ARCH TO PULL 73 31 70 005 CONNECTION MILES 74 31 70 005 ARCH CONNECTION MILES			
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36	34	33 06 006	SILDE PISTIN GROUP
37		33 06 007	
38         33 21 000         RAMP GROUP           39         0 10064 010         SCREW           40         0 10112 12         WASHER           41         33 21 002         TYRE           42         0 10117 012         FIBER NUT           43         33 10 000         HEAD UP PISTON GROUP           44         33 10 001         CYLINDER GROUP           45         0 10117 20x1.5         FIBER NUT           46         33 10 003         TYRE HEAD           47         33 10 004         FRONT COVER           48         33 10 002         PISTON GROUP           49         33 10 005         CONNECTION RECORD           50         01 0016 0310         LOCK VALF HOSE           51         01 0014 26         RECORD           52         01 0145 13         LOCK VALF           53         30 7001         CHANGER GROUP           54         33 07 003         BEFHIVE PISTON GROUP           55         33 07 003         BEFHIVE PISTON GROUP           55         33 07 003         BEFHIVE PISTON GROUP           56         33 07 004         CHANGER GROUP           57         33 07 005         PULLEY <td< th=""><th></th><th></th><th></th></td<>			
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44         33 10 001         CYLINDER GROUP           45         01 0117 20x1.5         FIBER NUT           46         33 10 003         TYRE HEAD           47         33 10 004         FRONT COVER           48         33 10 002         PISTON GROUP           49         33 10 005         CONNECTION RECORD           50         01 0016 0310         LOCK VALF HOSE           51         01 0014 26         RECORD           52         01 0145 13         LOCK VALF           53         01 0014 95         HOSE RECORD           54         33 07 001         CHANGER GROUP           55         33 07 003         BEEHIVE PISTON GROUP           56         33 07 007         CONNECTION MILE GROUP           57         33 07 005         PULLEY           58         33 07 006         PULLEY WASHER           59         33 07 002         PEDAL GROUP           60         33 07 004         MILE TO SET           61         01 0015 025         NUT           62         01 0115 025         NUT           63         01 0031 51         PEDAL ARCH           64         01 0031 50         BEEHIVE RACH           65			
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50         01 0016 0310         LOCK VALF HOSE           51         01 0014 26         RECORD           52         01 0014 513         LOCK VALF           53         01 0014 95         HOSE RECORD           54         33 07 001         CHANGER GROUP           55         33 07 003         BEEHIVE PISTON GROUP           56         33 07 007         CONNECTION MILE GROUP           57         33 07 005         PULLEY           58         33 07 006         PULLEY WASHER           59         33 07 002         PEDAL GROUP           60         33 07 004         MILE TO SET           61         01 0066 050         SCREW           62         01 0115 025         NUT           63         01 0031 51         PEDAL ARCH           64         01 0073 130         SCREW           65         01 0073 130         SCREW           66         01 0139 020         MILE SEGMENT           67         33 17 001         BODY GROUP           68         33 17 002         FLANGE GROUP           69         33 17 003         GROUP TO PULL           70         33 17 004         CENTRE MILE           71			
51         01 0014 26         RECORD           52         01 0145 13         LOCK VALF           53         01 0014 95         HOSE RECORD           54         33 07 001         CHANGER GROUP           55         33 07 003         BEEHIVE PISTON GROUP           56         33 07 007         CONNECTION MILE GROUP           57         33 07 005         PULLEY           58         33 07 006         PULLEY WASHER           59         33 07 002         PEDAL GROUP           60         33 07 004         MILE TO SET           61         01 0066 050         SCREW           62         01 0115 025         NUT           63         01 0031 51         PEDAL ARCH           64         01 0031 50         BEEHIVE ARCH           65         01 0073 130         SCREW           66         01 0139 020         MILE SEGMENT           67         33 17 001         BODY GROUP           68         33 17 002         FLANGE GROUP           69         33 17 003         GROUP TO PULL           70         33 17 004         CENTRE MILE           71         33 17 005         CONNECTION MILES           72			
52         01 0145 13         LOCK VALF           53         01 0014 95         HOSE RECORD           54         33 07 001         CHANGER GROUP           55         33 07 003         BEEHIVE PISTON GROUP           56         33 07 007         CONNECTION MILE GROUP           57         33 07 005         PULLEY           58         33 07 006         PULLEY WASHER           59         33 07 002         PEDAL GROUP           60         33 07 004         MILE TO SET           61         01 0066 050         SCREW           62         01 0115 025         NUT           63         01 0031 50         BEEHIVE ARCH           64         01 0031 50         BEEHIVE ARCH           65         01 0073 130         SCREW           66         01 0139 020         MILE SEGMENT           67         33 17 001         BODY GROUP           68         33 17 002         FLANGE GROUP           69         33 17 003         GROUP TO PULL           70         33 17 004         CENTRE MILE           71         33 17 005         CONNECTION MILES           72         01 0031 52         ARCH TO PULL           73			
53         01 0014 95         HOSE RECORD           54         33 07 001         CHANGER GROUP           55         33 07 003         BEEHIVE PISTON GROUP           56         33 07 007         CONNECTION MILE GROUP           57         33 07 005         PULLEY           58         33 07 006         PULLEY WASHER           59         33 07 002         PEDAL GROUP           60         33 07 004         MILE TO SET           61         01 0066 050         SCREW           62         01 0115 025         NUT           63         01 0031 51         PEDAL ARCH           64         01 0031 50         BEEHIVE ARCH           65         01 0073 130         SCREW           66         01 0139 020         MILE SEGMENT           67         33 17 001         BODY GROUP           68         33 17 002         FLANGE GROUP           69         33 17 003         GROUP TO PULL           70         33 17 004         CENTRE MILE           71         33 17 005         CONNECTION MILES           72         01 0031 52         ARCH TO PULL           73         01 0130 25-35-0.5         WASHER			
54         33 07 001         CHANGER GROUP           55         33 07 003         BEEHIVE PISTON GROUP           56         33 07 007         CONNECTION MILE GROUP           57         33 07 005         PULLEY           58         33 07 006         PULLEY WASHER           59         33 07 002         PEDAL GROUP           60         33 07 004         MILE TO SET           61         01 0066 050         SCREW           62         01 0115 025         NUT           63         01 0031 51         PEDAL ARCH           64         01 0031 50         BEEHIVE ARCH           65         01 0073 130         SCREW           66         01 0139 020         MILE SEGMENT           67         33 17 001         BODY GROUP           68         33 17 002         FLANGE GROUP           69         33 17 003         GROUP TO PULL           70         33 17 004         CENTRE MILE           71         33 17 005         CONNECTION MILES           72         01 0031 52         ARCH TO PULL           73         01 0130 25-35-0.5         WASHER			HOSE RECORD
55         33 07 003         BEEHIVE PISTON GROUP           56         33 07 007         CONNECTION MILE GROUP           57         33 07 005         PULLEY           58         33 07 006         PULLEY WASHER           59         33 07 002         PEDAL GROUP           60         33 07 004         MILE TO SET           61         01 0066 050         SCREW           62         01 0115 025         NUT           63         01 0031 51         PEDAL ARCH           64         01 0031 50         BEEHIVE ARCH           65         01 0073 130         SCREW           66         01 0139 020         MILE SEGMENT           67         33 17 001         BODY GROUP           68         33 17 002         FLANGE GROUP           69         33 17 003         GROUP TO PULL           70         33 17 004         CENTRE MILE           71         33 17 005         CONNECTION MILES           72         01 0031 52         ARCH TO PULL           73         01 0130 25-35-0.5         WASHER           74         33 17 006         ARCH CONNECTION SHEET			
56         33 07 007         CONNECTION MILE GROUP           57         33 07 005         PULLEY           58         33 07 006         PULLEY WASHER           59         33 07 002         PEDAL GROUP           60         33 07 004         MILE TO SET           61         01 0066 050         SCREW           62         01 0115 025         NUT           63         01 0031 51         PEDAL ARCH           64         01 0031 50         BEEHIVE ARCH           65         01 0073 130         SCREW           66         01 0139 020         MILE SEGMENT           67         33 17 001         BODY GROUP           68         33 17 002         FLANGE GROUP           69         33 17 003         GROUP TO PULL           70         33 17 004         CENTRE MILE           71         33 17 005         CONNECTION MILES           72         01 0031 52         ARCH TO PULL           73         01 0130 25-35-0.5         WASHER           74         33 17 006         ARCH CONNECTION SHEET			
57         33 07 005         PULLEY           58         33 07 006         PULLEY WASHER           59         33 07 002         PEDAL GROUP           60         33 07 004         MILE TO SET           61         01 0066 050         SCREW           62         01 0115 025         NUT           63         01 0031 51         PEDAL ARCH           64         01 0031 50         BEEHIVE ARCH           65         01 0073 130         SCREW           66         01 0139 020         MILE SEGMENT           67         33 17 001         BODY GROUP           68         33 17 002         FLANGE GROUP           69         33 17 003         GROUP TO PULL           70         33 17 004         CENTRE MILE           71         33 17 005         CONNECTION MILES           72         01 0031 52         ARCH TO PULL           73         01 0130 25-35-0.5         WASHER           74         33 17 006         ARCH CONNECTION SHEET			
59         33 07 002         PEDAL GROUP           60         33 07 004         MILE TO SET           61         01 0066 050         SCREW           62         01 0115 025         NUT           63         01 0031 51         PEDAL ARCH           64         01 0031 50         BEEHIVE ARCH           65         01 0073 130         SCREW           66         01 0139 020         MILE SEGMENT           67         33 17 001         BODY GROUP           68         33 17 002         FLANGE GROUP           69         33 17 003         GROUP TO PULL           70         33 17 004         CENTRE MILE           71         33 17 005         CONNECTION MILES           72         01 0031 52         ARCH TO PULL           73         01 0130 25-35-0.5         WASHER           74         33 17 006         ARCH CONNECTION SHEET		33 07 005	PULLEY
60       33 07 004       MILE TO SET         61       01 0066 050       SCREW         62       01 0115 025       NUT         63       01 0031 51       PEDAL ARCH         64       01 0031 50       BEEHIVE ARCH         65       01 0073 130       SCREW         66       01 0139 020       MILE SEGMENT         67       33 17 001       BODY GROUP         68       33 17 002       FLANGE GROUP         69       33 17 003       GROUP TO PULL         70       33 17 004       CENTRE MILE         71       33 17 005       CONNECTION MILES         72       01 0031 52       ARCH TO PULL         73       01 0130 25-35-0.5       WASHER         74       33 17 006       ARCH CONNECTION SHEET			
61			
62       01 0115 025       NUT         63       01 0031 51       PEDAL ARCH         64       01 0031 50       BEEHIVE ARCH         65       01 0073 130       SCREW         66       01 0139 020       MILE SEGMENT         67       33 17 001       BODY GROUP         68       33 17 002       FLANGE GROUP         69       33 17 003       GROUP TO PULL         70       33 17 004       CENTRE MILE         71       33 17 005       CONNECTION MILES         72       01 0031 52       ARCH TO PULL         73       01 0130 25-35-0.5       WASHER         74       33 17 006       ARCH CONNECTION SHEET			
63		1	
64         01 0031 50         BEEHIVE ARCH           65         01 0073 130         SCREW           66         01 0139 020         MILE SEGMENT           67         33 17 001         BODY GROUP           68         33 17 002         FLANGE GROUP           69         33 17 003         GROUP TO PULL           70         33 17 004         CENTRE MILE           71         33 17 005         CONNECTION MILES           72         01 0031 52         ARCH TO PULL           73         01 0130 25-35-0.5         WASHER           74         33 17 006         ARCH CONNECTION SHEET		1	
65         01 0073 130         SCREW           66         01 0139 020         MILE SEGMENT           67         33 17 001         BODY GROUP           68         33 17 002         FLANGE GROUP           69         33 17 003         GROUP TO PULL           70         33 17 004         CENTRE MILE           71         33 17 005         CONNECTION MILES           72         01 0031 52         ARCH TO PULL           73         01 0130 25-35-0.5         WASHER           74         33 17 006         ARCH CONNECTION SHEET			
66       01 0139 020       MILE SEGMENT         67       33 17 001       BODY GROUP         68       33 17 002       FLANGE GROUP         69       33 17 003       GROUP TO PULL         70       33 17 004       CENTRE MILE         71       33 17 005       CONNECTION MILES         72       01 0031 52       ARCH TO PULL         73       01 0130 25-35-0.5       WASHER         74       33 17 006       ARCH CONNECTION SHEET			
67 33 17 001 BODY GROUP 68 33 17 002 FLANGE GROUP 69 33 17 003 GROUP TO PULL 70 33 17 004 CENTRE MILE 71 33 17 005 CONNECTION MILES 72 01 0031 52 ARCH TO PULL 73 01 0130 25-35-0.5 WASHER 74 33 17 006 ARCH CONNECTION SHEET			
68     33 17 002     FLANGE GROUP       69     33 17 003     GROUP TO PULL       70     33 17 004     CENTRE MILE       71     33 17 005     CONNECTION MILES       72     01 0031 52     ARCH TO PULL       73     01 0130 25-35-0.5     WASHER       74     33 17 006     ARCH CONNECTION SHEET			
69     33 17 003     GROUP TO PULL       70     33 17 004     CENTRE MILE       71     33 17 005     CONNECTION MILES       72     01 0031 52     ARCH TO PULL       73     01 0130 25-35-0.5     WASHER       74     33 17 006     ARCH CONNECTION SHEET			
70     33 17 004     CENTRE MILE       71     33 17 005     CONNECTION MILES       72     01 0031 52     ARCH TO PULL       73     01 0130 25-35-0.5     WASHER       74     33 17 006     ARCH CONNECTION SHEET			
72			
73 01 0130 25-35-0.5 WASHER 74 33 17 006 ARCH CONNECTION SHEET			CONNECTION MILES
74 33 17 006 ARCH CONNECTION SHEET			
10   UI UI   01   1/4   NUI			
	/5	U I U I I O I - 1/4	INOT

TEEM / CODE NUMBER   DESCRIPTION			SPARE PARTS LIST FOR AT - 56
77	ITEM NO		
177   33   15   001   01   01   01   01   01   0			
Test			-
80	78	01 0137 1/2	
81			
82 01 0112 10 WASHER 83 01 0080 202 SCREW 84 01 0080 410 DEPOT CLOSURE 85 01 0040 035 CYLINDER HEAD SCREW 86 01 0140 03 PUMP 87 01 0141 01 PUMP CLOSURE 88 01 01 0140 05 PUMP 88 01 01 0141 1/2 WASHER 89 01 01 014 1/2 RECORD 91 08 18 003 FILTER CONNECTION HOSE 92 01 10 014 20 RECORD 93 18 008 DEPOT PIPE 94 13 15 000 PUMP PIPE 95 01 10 014 20 PUMP PIPE 96 01 10 014 20 PUMP PIPE 97 13 15 000 PUMP PIPE 98 01 10 1040 01 PUMP PIPE 98 01 10 1040 01 PUMP PIPE 99 01 1004 01 PUMP PIPE 99 01 PUMP P		1	
83		1	
86 01 0034 10 DEPOT CLOSURE 86 01 0145 09 PUMP 87 06 18 004 FILTER RECORD 88 01 0149 25 FILTER 88 01 0149 25 FILTER 88 01 0149 25 FILTER 89 01 0131 192 WASHER 90 10 0131 192 WASHER 91 02 18 000 FILTER CONNECTION HOSE 92 01 004 21 RECORD 93 0 6 18 000 DEPOT PIPE 94 03 15 000 PEPOT PIPE 95 01 0072 020 CYLINDER HEAD SCREW 96 01 0155 01 DEPOT COVER 97 33 15 002 CAULDRON COVER 97 33 15 002 CAULDRON COVER 98 01 0034 01 ENSINE CLOSURE 99 0 01 0142 21 ENSINE CLOSURE 1010 1014 20 10 ENSINE CLOSURE 1010 1014 20 10 ENSINE CLOSURE 1010 1014 20 10 ENSINE CLOSURE 1010 1016 0750 HOSE 1016 01 016 0750 HOSE 1017 01 016 0750 HOSE 1018 01 016 0750 HOSE 1019 010 010 010 HOSE 1019 010 010 010 HOSE 1019 010 010 010 HOSE			
86 01 0042 035 CYLINDER HEAD SCREW  87 06 18 004 FILTER RECORD  88 10 10 143 05 FILTER  89 0 10 1013 112 WASHER  89 0 10 1013 112 WASHER  89 0 10 1014 20 RECORD  91 06 18 003 FILTER CONNECTION HOSE  92 01 0014 20 RECORD  93 01 0014 20 RECORD  94 33 15 003 FILTER CONNECTION HOSE  95 01 0010 20 CYLINDER HEAD SCREW  96 01 1015 01 DEPOT COVER  97 33 15 002 CYLINDER HEAD SCREW  98 01 1047 01 BELL  100 01 1042 02 ENGINE  101 01 1042 02 ENGINE  102 01 1043 03 FILTER CONNECTION HOSE  98 01 1045 01 DEPOT COVER  99 01 1045 01 BELL  100 01 1046 28 HYDRAULIC PUMP CLUTCH  101 01 1072 020 ENGINE  102 01 1074 03 5 CYLINDER HEAD SCREW  103 06 19 001-A OIL WEGGE  104 01 1075 050 CYLINDER HEAD SCREW  106 01 1075 050 CYLINDER HEAD SCREW  107 01 1076 1350 HOSE  108 01 1076 1350 HOSE  109 01 1076 030 CYLINDER HEAD SCREW  109 01 1076 070 CYLINDER HEAD SCREW  109 01 1077 CYLINDER HEAD SCREW  111 01 1077 110 CYLINDER HEAD SCREW  112 01 1076 110 CYLINDER HEAD SCREW  113 01 1076 070 CYLINDER HEAD SCREW  114 01 1070 071 071 071 071 071 071 071 071			
BB			
87			
88			
90			
91 06 18 003 FILTER CONNECTION HOSE 92 01 001014 21 RECORD 93 06 18 006 DEPOT PIPE 94 33 15 003 PUMP PIPE 95 01 0072 020 CYLINDER HEAD SCREW 96 01 01655 01 DEPOT COVER 97 33 15 002 CALLDRON COVER 98 01 0034 01 ENGINE CLOSURE 99 01 0147 01 BELL 100 10 146 28 HYDRAULIC PUMP CLUTCH 101 01 01 020 ENGINE HEAD SCREW 103 01 0074 02 ENGINE 103 01 0074 03 CYLINDER HEAD SCREW 104 01 0072 050 CYLINDER HEAD SCREW 105 01 010 10 10 10 10 10 10 10 10 10 10 10	89		WASHER
92			
93 09 18 006 DEPOT PIPE 94 33 15 003 PUMP PIPE 95 01 0072 020 CYLINDER HEAD SCREW 96 01 010750 1 DEPOT COVER 97 33 15 002 CAULDRON GOVER 98 01 0034 01 ENGINE CLOSURE 99 01 0147 01 BELL 100 01 0146 28 HYDRAULIC PUMP CLUTCH 101 01 0270 02 ENGINE 102 01 0074 35 CYLINDER HEAD SCREW 103 06 19 001-A OIL WEGGE 104 105 01 0076 05 CYLINDER HEAD SCREW 105 01 0016 0750 HOSE 106 01 0016 1050 HOSE 107 01 0016 1350 HOSE 108 01 0165 03 VALF 109 01 0039 08 VALF CONNECTION COVER 111 01 01 0076 110 CYLINDER HEAD SCREW 111 01 01 0115 005 WASHER 111 01 0076 110 B HOSE 113 01 0016 0800 HOSE 114 01 0016 1050 HOSE 115 01 0016 1050 HOSE 116 08 01 0115 005 WASHER 117 01 0106 1050 HOSE 118 01 0016 0800 HOSE 119 01 0030 30 ROSE 119 01 0030 30 ROSE 111 01 0016 1050 HOSE 111 01 0016 1050 HOSE 111 01 0016 1050 HOSE 112 01 0016 1050 HOSE 113 01 0016 0800 HOSE 114 01 0016 0750 B HOSE 115 01 0030 30 ROSE 116 01 0030 PRESSURE SCREW 117 01 0115 010 HOSE 118 06 19 002 PRESSURE SCREW 119 01 0030 30 ROSE 119 01 0030 ARCH HOSE 119 01 01010 ARCH HOSE			
94 33 15 003 PUMP PIPE 95 01 0072 020 CYLINDER HEAD SCREW 96 01 0155 01 DEPOT COVER 97 03 31 50 02 CAULDRON COVER 98 01 0034 01 ENGINE CLOSURE 99 01 1034 01 BELL 100 01 0147 01 BELL 101 01 01 0147 03 BELL 102 01 0074 35 CYLINDER HEAD SCREW 103 06 19 001-A OIL WEDGE 104 01 0072 090 CYLINDER HEAD SCREW 105 01 0016 0750 HOSE 106 01 0016 1100 HOSE 106 01 0016 1100 HOSE 107 01 0016 1550 HOSE 108 01 01550 HOSE 109 01 0039 08 VALF 109 01 0039 08 VALF 110 01 0071 110 CYLINDER HEAD SCREW 111 01 0071 110 CYLINDER HEAD SCREW 111 01 0016 110-B HOSE 111 01 0071 110 CYLINDER HEAD SCREW 111 01 0016 0750-B HOSE 111 01 0010 003 00 CYLINDER HEAD SCREW 111 01 01015 010 WASHER 112 01 0016 010 002 PRESSURE SCREW 113 01 01000 003 00 CYLINDER HEAD SCREW 114 01 0106 010 003 00 CYLINDER HEAD SCREW 115 01 0003 01 OSB			
95			
96			
97 33 15 002 CAULDRON COVER 98 01 0034 01 ENGINE CLOSURE 99 01 0147 01 BELL 100 01 0146 28 HYDRAULIC PUMP CLUTCH 101 01 0270 02 ENGINE 102 01 0074 35 CYLINDER HEAD SCREW 103 06 19 001-A OIL WEDGE 104 01 0072 050 CYLINDER HEAD SCREW 105 01 0106 0750 HOSE 106 01 0106 0750 HOSE 107 01 0016 1350 HOSE 108 01 0156 03 VALF 109 01 0156 03 VALF 110 01 0150 05 WASHER 111 01 01 0115 005 WASHER 111 01 0107 110 CYLINDER HEAD SCREW 112 01 0016 110-B HOSE 113 01 0016 0900 HOSE 114 01 0016 750-B HOSE 115 01 0003 303 CYLINDER HEAD SCREW 116 01 0105 000 WASHER 117 01 01015 000 WASHER 118 05 01 0003 000 WASHER 119 01 0003 303 CYLINDER HEAD SCREW 110 01 0016 0900 HOSE 111 01 000750-B HOSE 111 01 000750-B HOSE 111 01 000750-B HOSE 111 01 000772-S CYLINDER HEAD SCREW 111 01 000772-S HOSE 112 01 0003 303 CYLINDER HEAD SCREW 113 01 0106 0900 HOSE 114 01 0003 303 CYLINDER HEAD SCREW 115 01 0003 303 CYLINDER HEAD SCREW 116 06 19 005 PASSING FITTING 117 01 0115 010 NUT 118 06 19 005 PASSING FITTING 119 01 0024 0172-5 C-RING 120 01 0031 04 ARCH UP HAT 121 06 19 003 ARCH DOWN HAT 122 06 19 004 ARCH DOWN HAT 123 06 19 004 ARCH DOWN HAT 124 06 19 003 ARCH DOWN HAT 125 06 19 004 ARCH DOWN HAT 126 06 19 003 ARCH DOWN HAT 127 01 010 0030 01 SREEW MILE 128 06 10 003 SREEW WITCH 139 01 0030 32 CONTROL 130 01 0100 0100 ON PRESSURE MILE 131 01 0000 PRESSURE MILE 132 01 0000 PRESSURE MILE 133 01 0100 000 PRESSURE MILE 134 01 0002 000 PRESSURE MILE 135 01 0000 SWITCH 136 06 17 000 SWITCH 137 01 0000 SWITCH 138 06 17 000 SWITCH 139 01 0100 000 SCREW 130 01 0100 000 SCREW 131 01 0100 ON SCREW 132 01 0000 SCREW 133 01 0100 000 SCREW 134 01 0101 0000 SCREW 135 01 0101 000 SCREW 136 01 0101 000 SCREW 137 01 0101 010 SCREW 138 01 0101 000 SCREW 139 01 0101 01 0000 SCREW 144 01 0102 000 SCREW 145 01 0101 010 SCREW 146 01 0101 000 SCREW 147 01 0101 010 SCREW 148 01 0101 000 SCREW 149 01 0101 000 SCREW		1	
98			
100			
101			
102			
103			
104			
105			
106			
107			
108			
110			
111	109	01 0039 08	VALF CONNECTION COVER
112			-
113			
114		1	
115			
116			
117			
118			
120	118	06 19 005	PASSING FITTING
121			
122         06 19 004         ARCH DOWN HAT           123         06 19 006         PRESSURE MILE           124         01 0024 009x2         O-RING           125         06 17 003         BODY PROFILE           126         06 17 006         PROFILE COVER           127         01 0030 41         SWITCH           128         01 0030 32         CONTACT           129         06 17 008         SWITCH PROTECTION           130         01 0105 09.5         SHEET METAL SCREW           131         01 0030 24         BUTON           132         01 0048 01         HANDLE           133         01 0198 16         RECORD (PLASTIC)           134         01 0028 89         SWITCH           135         01 0110 10         SCREW           136         06 17 005         SUPPORT BEEHIVE           137         01 0031 09         ARCH           139         01 0112 10-38-4         WASHER           140         01 0115 003         NUT           141         06 17 002         COVER           142         01 0110 003         SCREW           143         01 0062 050         SCREW           144         01 01			
123			
124			
125			
126			
128         01 0030 32         CONTACT           129         06 17 008         SWITCH PROTECTION           130         01 0105 09.5         SHEET METAL SCREW           131         01 0030 24         BUTON           132         01 0048 01         HANDLE           133         01 0198 16         RECORD (PLASTIC)           134         01 0028 89         SWITCH           135         01 0110 10         SCREW           136         06 17 005         SUPPORT BEEHIVE           137         01 0031 09         ARCH           138         06 17 009         CONTROL PEDAL GROUP           139         01 0112 10-38-4         WASHER           140         01 015 003         NUT           141         06 17 002         COVER           142         01 0110 003         SCREW           143         01 0062 050         SCREW           144         01 0122 006         SET SCREW           145         11 12 010         PEDAL           146         01 0063 070         SCREW           147         33 00 001         LEVER           148         01 0112 08         WASHER           149         33 16 000			
129	127	01 0030 41	SWITCH
130         01 0105 09.5         SHEET METAL SCREW           131         01 0030 24         BUTON           132         01 0048 01         HANDLE           133         01 0198 16         RECORD (PLASTIC)           134         01 0028 89         SWITCH           135         01 0110 10         SCREW           136         06 17 005         SUPPORT BEEHIVE           137         01 0031 09         ARCH           138         06 17 009         CONTROL PEDAL GROUP           139         01 0112 10-38-4         WASHER           140         01 0115 003         NUT           141         06 17 002         COVER           142         01 0110 003         SCREW           143         01 0062 050         SCREW           144         01 0122 006         SET SCREW           145         11 12 010         PEDAL           146         01 0063 070         SCREW           147         33 00 001         LEVER           148         01 0112 08         WASHER           149         33 16 000         CONTROL CONNECTION BODYS			
131			
132       01 0048 01       HANDLE         133       01 0198 16       RECORD (PLASTIC)         134       01 0028 89       SWITCH         135       01 0110 10       SCREW         136       06 17 005       SUPPORT BEEHIVE         137       01 0031 09       ARCH         138       06 17 009       CONTROL PEDAL GROUP         139       01 0112 10-38-4       WASHER         140       01 0115 003       NUT         141       06 17 002       COVER         142       01 0110 003       SCREW         143       01 0062 050       SCREW         144       01 012 2006       SET SCREW         145       11 12 010       PEDAL         146       01 0063 070       SCREW         147       33 00 001       LEVER         148       01 0112 08       WASHER         149       33 16 000       CONTROL CONNECTION BODYS			
133       01 0198 16       RECORD (PLASTIC)         134       01 0028 89       SWITCH         135       01 0110 10       SCREW         136       06 17 005       SUPPORT BEEHIVE         137       01 0031 09       ARCH         138       06 17 009       CONTROL PEDAL GROUP         139       01 0112 10-38-4       WASHER         140       01 0115 003       NUT         141       06 17 002       COVER         142       01 0110 003       SCREW         143       01 0062 050       SCREW         144       01 0122 006       SET SCREW         145       11 12 010       PEDAL         146       01 0063 070       SCREW         147       33 00 001       LEVER         148       01 0112 08       WASHER         149       33 16 000       CONTROL CONNECTION BODYS			
134       01 0028 89       SWITCH         135       01 0110 10       SCREW         136       06 17 005       SUPPORT BEEHIVE         137       01 0031 09       ARCH         138       06 17 009       CONTROL PEDAL GROUP         139       01 0112 10-38-4       WASHER         140       01 0115 003       NUT         141       06 17 002       COVER         142       01 0110 003       SCREW         143       01 0062 050       SCREW         144       01 0122 006       SET SCREW         145       11 12 010       PEDAL         146       01 0063 070       SCREW         147       33 00 001       LEVER         148       01 0112 08       WASHER         149       33 16 000       CONTROL CONNECTION BODYS			
135         01 0110 10         SCREW           136         06 17 005         SUPPORT BEEHIVE           137         01 0031 09         ARCH           138         06 17 009         CONTROL PEDAL GROUP           139         01 0112 10-38-4         WASHER           140         01 0115 003         NUT           141         06 17 002         COVER           142         01 0110 003         SCREW           143         01 0062 050         SCREW           144         01 0122 006         SET SCREW           145         11 12 010         PEDAL           146         01 0063 070         SCREW           147         33 00 001         LEVER           148         01 0112 08         WASHER           149         33 16 000         CONTROL CONNECTION BODYS			
136       06 17 005       SUPPORT BEEHIVE         137       01 0031 09       ARCH         138       06 17 009       CONTROL PEDAL GROUP         139       01 0112 10-38-4       WASHER         140       01 0115 003       NUT         141       06 17 002       COVER         142       01 0110 003       SCREW         143       01 0062 050       SCREW         144       01 0122 006       SET SCREW         145       11 12 010       PEDAL         146       01 0063 070       SCREW         147       33 00 001       LEVER         148       01 0112 08       WASHER         149       33 16 000       CONTROL CONNECTION BODYS			
138         06 17 009         CONTROL PEDAL GROUP           139         01 0112 10-38-4         WASHER           140         01 0115 003         NUT           141         06 17 002         COVER           142         01 0110 003         SCREW           143         01 0062 050         SCREW           144         01 0122 006         SET SCREW           145         11 12 010         PEDAL           146         01 0063 070         SCREW           147         33 00 001         LEVER           148         01 0112 08         WASHER           149         33 16 000         CONTROL CONNECTION BODYS	136	06 17 005	
139         01 0112 10-38-4         WASHER           140         01 0115 003         NUT           141         06 17 002         COVER           142         01 0110 003         SCREW           143         01 0062 050         SCREW           144         01 0122 006         SET SCREW           145         11 12 010         PEDAL           146         01 0063 070         SCREW           147         33 00 001         LEVER           148         01 0112 08         WASHER           149         33 16 000         CONTROL CONNECTION BODYS		1	-
140         01 0115 003         NUT           141         06 17 002         COVER           142         01 0110 003         SCREW           143         01 0062 050         SCREW           144         01 0122 006         SET SCREW           145         11 12 010         PEDAL           146         01 0063 070         SCREW           147         33 00 001         LEVER           148         01 0112 08         WASHER           149         33 16 000         CONTROL CONNECTION BODYS			
141     06 17 002     COVER       142     01 0110 003     SCREW       143     01 0062 050     SCREW       144     01 0122 006     SET SCREW       145     11 12 010     PEDAL       146     01 0063 070     SCREW       147     33 00 001     LEVER       148     01 0112 08     WASHER       149     33 16 000     CONTROL CONNECTION BODYS			_
142     01 0110 003     SCREW       143     01 0062 050     SCREW       144     01 0122 006     SET SCREW       145     11 12 010     PEDAL       146     01 0063 070     SCREW       147     33 00 001     LEVER       148     01 0112 08     WASHER       149     33 16 000     CONTROL CONNECTION BODYS			
143     01 0062 050     SCREW       144     01 0122 006     SET SCREW       145     11 12 010     PEDAL       146     01 0063 070     SCREW       147     33 00 001     LEVER       148     01 0112 08     WASHER       149     33 16 000     CONTROL CONNECTION BODYS			
144     01 0122 006     SET SCREW       145     11 12 010     PEDAL       146     01 0063 070     SCREW       147     33 00 001     LEVER       148     01 0112 08     WASHER       149     33 16 000     CONTROL CONNECTION BODYS			
145     11 12 010     PEDAL       146     01 0063 070     SCREW       147     33 00 001     LEVER       148     01 0112 08     WASHER       149     33 16 000     CONTROL CONNECTION BODYS			
146     01 0063 070     SCREW       147     33 00 001     LEVER       148     01 0112 08     WASHER       149     33 16 000     CONTROL CONNECTION BODYS			
148         01 0112 08         WASHER           149         33 16 000         CONTROL CONNECTION BODYS	146	01 0063 070	SCREW
149 33 16 000 CONTROL CONNECTION BODYS		33 00 001	LEVER
150   11 14 011   POWER SWITCH PROTECTION			
	150	11 14 011	POWER SWITCH PROTECTION

		SPARE PARTS LIST FOR AT - 56
ITEM NO	ITEM / CODE NUMBER	DESCRIPTION
	01 0200 13	
151		POWER SWITCH
152	01 0030 21	EMERGENCY BUTTON
153	01 0200 06	POWER SWITCH
154	01 0028 74SP	ELECTRICAL PANEL
155	01 0198 16	RECORD (PLASTIC)
156	01 0202 03	TRANSFORMER
157	01 0028 27	BRIDGE
158	01 0196 03	CONTACT
159	01 0028 63	RAIL
160	01 0196 10	CONTACT
161	01 0028 42	CABLE CANEL
162	01 0028 26	KLEMENS STOP
163	01 0028 28	KLEMENS GROUND
164	01 0028 30	KLEMENS
165	33 18 000	GROUP TO PRESS
166	33 18 001	BODY GROUP
167	33 18 002	PRESS GROUP
168	33 18 003	PRESS ARM
169	33 18 004	PRESS ARM CONNECTION MILE
170	33 15 005	CONNECTION LAMA
171	01 0031 54	PRESS ARCH
172	01 0139 010	SEGMENT
173	01 0141 11	PIN
174	33 08 001	BODY GROUP
175	01 0074 065	CYLINDER HEAD SCREW
176	01 0024 024-3	O-RING
177	33 08 005	LOCK VALF BEEHIVE
178	38 08 007	LOCK VALF WASHER
179	01 0112 06-11-1.5	WASHER
180	01 0139 028	SEGMENT
181	01 0130 062-50-0.5	WASHER
182	01 0073 012	CYLINDER HEAD SCREW
183	33 09 000	CYLINDER CABIN
184	06 21 001	PRESSURE SCREW
185	01 0024 017x2.5	O-RING
186	01 0159 01	LOCK VALF
187	01 0150 250	PRESSURE CLOCK
188	01 0159 02	LOCK VALF KITE
189	01 0024 98.02-3.53	O-RING
190	01 0024 080-5.5	O-RING
191	01 0116 027-2	NUT
192	01 0021 040-050-8	NUTRING
193	01 0272 04	ENGINE
194	33 12 002	ENGINE WASHER
195	33 12 003	ENGINE PULLEY
196	33 12 001	ENGINE CONNECTION GROUP
197	33 08 002	TYRE HEAD
198	01 0022 115	COMPACT SET
199	01 0245 040-9.5	FELT
200	01 0024 189.87-5.34	O-RING
201	01 0024 131-3.5	O-RING
202	33 08 004	CYLINDER COVER
203	33 08 006	DAGGER GROUP
204	01 0024 028-3.5	O-RING
205	33 08 003	PISTON
206	33 04 004	WASHER
207	33 04 003	WASHER
208	33 04 005	FELT TO UNLEAK
209	33 04 002	SUPPORT BRACELET
210	33 04 006	DAGGER
211	33 04 001	MIRROR GROUP
212	33 04 000	MIRROR CYLINDER GROUP
213	01 0073 016	CYLINDER GROUP
214	01 0073 010	PROTECTION
214	33 04 013	CROSS
216	01 0116 033-2	NUT
217	01 0117 018-1.5	FIBER NUT
218	33 04 009	LENGTHENING ARM GROUP
219	01 0198 018	SEGMENT
220	33 04 014	ARM CONNECTION PIN
221	33 04 011	DISTANCE BEEHIVE
222	33 04 012	DISTANCE LENGTHENING MILE
223	33 04 010	LENGTHENING ARM GROUP
224	33 04 017	SCREW
225	33 04 007	PRESS TO LAMA
226	33 04 019	SCREW
	1-2	1

		SPARE PARTS LIST FOR AT - 56
ITEM NO	ITEM / CODE NUMBER	DESCRIPTION
227	33 04 016	CONNECTION MILE
228	01 0130 018-0.3	WASHER
229	33 04 008	FOOT TO PRESS
230	33 04 015	PRESS TO NAIL
231	01 0074 020	CYLINDER HEAD SCREW
232	33 14 000	PULLEY PROTECTION
233	01 0063 030	SCREW
234	33 05 009	BIG PULLEY WASHER
235	33 05 008	BIG PULLEY
236	33 05 006	PULLEY SUPPORT BEEHIVE
237	01 0053 06025-KBL	BEARING
238	33 05 007	DAGGER
239	33 05 003	SCREW RESPONSE MILE
240	33 05 002	SOLE CONNECTION LAMA
241	33 05 004	BEARING SUPPORT WASHER
242	01 0053 51205-FAG	BEARING
243	33 05 005	BEARING BACK SUPPORT WASHER
244	01 0115 016-08	NUT
245	33 05 011	SCREW RESPONSE TOOT HED
246	33 05 012	REDUCTION BODY COVER
247	01 0072 010	CYLINDER HEAD SCREW
248	01 0034 09	REDUCTION CLOSURE
249	33 05 001	REDUCTION CABIN GROUP
250	01 0135 1/2	STOPPER
251	01 0137 1/2 AL	LEVEL INDICATOR
252	01 0112 06	WASHER
253	33 26 000	TRACTOR LEVER GROUP



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UNI - TROL Co. Ltd.

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(swift code: WBK PPL PP

WHEEL BALANCING MACHINES RIM STRAIGHTENING MACHINES TYRE CHANGERS EQUIPMENT FOR TYRESHOPS

Statistic no.: 008132994 EC VAT no.: PL5270205246 Register no.: KRS 0000111731 EORI no.:

PL5270205246000000

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

XXX)

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.
UI. Estrady 56
01-932 Warsaw

Poland

declare, under our exclusive responsibility, that the product

# Truck tyre changer Electromechanical, pneumatic and hydraulic device model AT-56

<u> </u>		
<a>C</a> n	l number	
vena.		

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 ISO11202:2012P

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	Signature