

USER'S MANUAL

Carefully read these instructions before starting and using your firewood packer!

Set-up
Operation
Maintenance
Accessories



FIREWOOD PACKER WRAPTIME I/S , II/S



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CONTENTS

1. INTRODUCTION	3
1.1 About the manual	3
1.2 Delivery and transport claims	3
1.3. Mandatory application field	4
2. SAFETY PICTOGRAMS AND WARNING LABELS	5
3. GENERAL SAFETY RULES	6
4. OPERATION	7
4.1 Description of the packing process	7
5. USE OF THE MOUNT FRAME	11
5.1 Installation of the mount frame	11
5.2 Installation of the hoist on the upper swing-arm	11
5.3 Setting the mount frame ready for operation	12
5.4 Connection of the electric chain-hoist	13
6. REPAIRS AND MAINTENANCE	14
6.1 Consumables	14
7. TechniCAL DatA	14
8. Transport	15
9. DIACTIVATING AND DISPOSAL	16
10. SPARE PART LIST	17
11. EC STATEMENT OF COMPLIANCE	23

1. INTRODUCTION

Dear customer, thank you very much for your trust and preference choosing our equipment and joining the number of our best customers in the world. We are confident that our equipment will be up to all your expectations and ensure you a long lasting quality and performance.

Our firewood packing machine is available in the following two versions:
BGU Wraptime I/S - with electric rope hoist
BGU Wraptime I/S - with electric chain rope hoist

1.1 About the manual

Please take time to read this manual and learn to how operate and maintain the equipment safely.

For your easier reading this manual is laid out in several sections. The sections are progressively numbered 1 through 11 and listed on the "contents" page.

The information, pictures and technical data in this document reflect current or planned product features, functions, and characteristics as of the publication date. Because of on-going product improvements and feature additions, information in this document is subject to change without notice.

If you are experiencing a problem or functional trouble on your machine, please read the "trouble-shooting" section to identify possible causes and remedies. If the problem or functional trouble is not listed in the troubleshooting chart contained in this manual ask your dealer or our Authorized Service Centre for service.

When you order parts maintenance or repair services, your Authorized Service Centre, your dealer or eventually the manufacturer will need your machine serial number. These are the numbers that you have recorded on the product identification label of the manufacturer on the machine.

1.2 Delivery and transport claims

Upon delivery of the wood packer please check for visual machine damages such as broken packing or scratched buckled parts. If so, make a remark on all copies of the delivery bill before signing for acceptance.

Also have the truck driver sign al copies of the delivery bill.

Should your shipper or the truck driver refuse to accept your claim, fully reject delivery of the machine and make sure to inform us (the manufacturer).

No claims will be taken into account by the shipper or by the insurance company, if a reservation note is not made on the delivery bill. All transport damages must be notified within latest 2 days from delivery. Therefore delivery must be collected and inspected within this term. Later claims will be disregarded.

In case of assumed but not visually clear transport damages make sure to mark the following sentence on the delivery bill: **„Reserved delivery due to assumed transportation damages.“** Insurance and shipping companies act with extreme caution in case of transport damages and sometimes refuse to accept responsibility. Please make sure to provide clear and exhaustive evidence (photos) of the claimed damages.

Thank you in advance for your help and attention.

1.3. Mandatory application field

Wraptime is a piece of equipment designed to pack previously split firewood in perfectly round packs with a diameter of 120 cm, 150 cm high and with an approximate capacity of 1,7 cords.

Production-specimen approved to EC safety requirements (CE) All packs are wrapped by a net and standing on a wooden pallet. Packed pallets can be efficiently stacked on each other, thus saving enormous space. This machine is a must-have tool for neatly and easily packing your split logs so that they dry out faster without invading your entire cellar space. No need for expensive containers. You can move the pallets around by simply use any fork lift.

For best performance, we recommend to pack logs on:

- 120 x 120 cm wooden pallets or
- 120 x 80 cm Euro pallets

The latter can conveniently be extended by simply nailing a 120 cm (47 in) plank across each short side of the pallet.

This machine should be strictly used for packing firewood logs. The manufacturer will consider any other use or application as “misuse”, in which case the manufacturer will not be responsible for customers’ claims or resulting damages.

Lack of compliance with these instructions may lead to dangerous risks and situations in which case the manufacturer will not be responsible for customers’ claims or resulting damages and/or injuries.

2. SAFETY PICTOGRAMS AND WARNING LABELS



1. BGU-Maschinen“ Manufacturer’s logo“



2. Identification label

This label shows the company details of the manufacturer and the main technical data of machine.



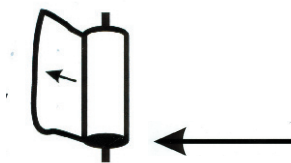
3. Machine safety label „Read, understand, and follow all instructions in this manual and on the packer before starting!“

This safety label reminds the user about the importance of reading and understanding the instructions of the manufacturer and getting familiar with the machine before your first use it.



4. Machine safety label „Pinched hands danger“

Wear suitable protective gloves! Pinched hands danger in the wedge hazard area. Keep your hands off all moving machine parts!



5. Machine safety label „Spooler“

Mind the correct activation and the direction of rotation of the spooler.



6. Operation safety label “DANGER! One-man operation only!

Possible dangers can arise from moving parts on the machine. The machine is to be strictly operated by one man at a time only.



7. Safety-alert symbol

Very important: when you start the electric chain hoist, mind the direction of rotation!

3. GENERAL SAFETY RULES



Keep bystanders and unauthorized persons away from the dangerous areas!

Do not alter the construction of the machine for no reason at all! Make sure that the machine is properly and efficiently attached to the tractor, and that the locking mechanism is perfectly and efficiently operating.

When transporting the machine, make sure to adjust the vehicle speed depending on road conditions and the load, if available!! Do not run the machine with worn-out, damaged, or missing parts. In this case, provide for immediate replacement making sure to strictly use original spares only!

The user shall strictly comply with these operation, set-up, maintenance, repair and trouble-shooting instructions in order to assure safe operation and avoid damages to the equipment. The owner must understand these instructions and must allow only persons who understand these instructions and are familiar with the related risks to operate the splitter. Moreover, we recommend to let the machine be run only and strictly by trained and skilled staff who must be familiar with the applicable occupational safety and health administration rules as well as applicable transportation rules.

No person under school leaving age (18) should operate this firewood packer. Those who have reached school leaving age but are below the age of 16 may operate a log splitter if supervised by a competent person of 18 years or over.

The working area around the machine must be kept as clear as possible from surrounding obstacles. Make sure that the equipment stands on a safe stable foundation.

Due and proper illumination of the working site must be provided at all times.

Set up the machine on a firm surface which is free from stumps, boulders, and obstructions and always wear snug-fitting, tear resistant work clothes and shoes.

Make sure that all access ways are properly maintained so that wood can be safely delivered, loaded and shipped.

4. OPERATION

4.1 Description of the packing process



Fig. 1

Settle the pallet under the collection barrel (Code no. 97173). Move the barrel from the top down, onto the pallet.
Disengage the quick-fastener with rotary lock (Fig. 1.1)

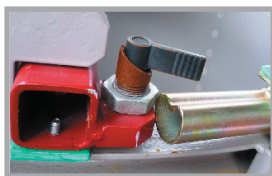


Fig. 1.1

The quick-fastening system allows rapid changing of the barrel when you are working with more than one barrel at a time in a continuous operation mode.

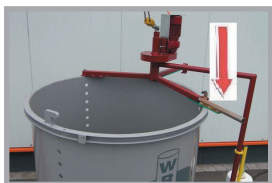


Fig. 2

The quick-fastening system allows rapid changing of the barrel when you are working with more than one barrel at a time in a continuous operation mode.



Fig. 3

Fill split logs into the barrel, to the rim. To check the wood level inside the barrel use the special holes pierced in the barrel.
As soon as the barrel is full, close the top by performing the opening sequence but in the opposite order. Secure it with the quick fastener.

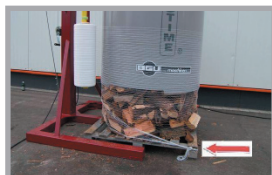


Fig. 4

Tie the net in a bottom corner of the wooden pallet, to start wrapping and netting the wood. Pull the bracket with the spooler down to a convenient position to swivel around the wooden pallet without ever hitting against the corners. This operation requires special care if you are working with larger pallets
120 x 120 cm
As soon as this is done and the barrel is full with wood, press the push-button and start netting with the spooler.



BEWARE! Rotation must occur in the same direction as shown by the arrow!



Fig. 5

Make sure that the first two wraps are done below pallet top and firmly around all corners (or alternatively underneath the extension planks). This is to allow firm attachment of the net and avoid twisting or slipping of the latter, which could cause later undoing of the wood pack. If you are using 120 x 120 cm pallets, you may also cut off approximately 2/3 of the net, to obtain a net tail that you can easily and securely pull around the pallet corners without tearing it.



Fig. 6

Start wrapping, when the net is securely attached.

If you are using 120 x 120 cm pallets: Lift the barrel up, lock the fixation screw on the spooler bracket, and make sure that any falling of the spooler way down at pallet level is prevented.

If you are using 120 x 80 cm pallets: the spooler may also reach down at floor ground.



Fig. 7

To start packing, press the "wrap-around" button and the hoisting button to raise the barrel up while concurrently winding the net all around the wood.

PLEASE NOTE: it is very important that both netting and barrel hoisting are performed at the same speed in order to ensure that the finished pack will be tightly and firmly held together. Failure to obtain sufficient tightness of the pack may lead to further instability, or even undo the pack.

Generally, operators keep continued pressure on the "wrap-around" button, and discontinued pressure on the hoisting button, so that an optimal speed rate is maintained.



Fig. 8

Should you note that the net is loose and does not hold together tightly, pull the upper holder of the yellow spool bracket to adjust the spooler tension.

When you do so, you will increase the slipping resistance, which results into efficient netting.



Fig. 9

Keep on wrapping and raising the barrel up until the latter is raised and cleared nearly all the way up above the bunch of packed wood. Now, stop hoisting the barrel and perform another 1-2 wraps around the barrel. Cut the net and tie it up to the upper layers of the wrapped net as tightly as you can. So the wood pack will be firmly wrapped around and able to stand alone.



Fig. 10



Fig. 11

Finally lift the barrel all the way up, so that you can remove the wood pack and replace it with a new pallet.



Fig. 12

Press the opposite push-button as the one used for hoisting and let the barrel down to start a new cycle.

Wrapped wood packs ready for sale are safely and efficiently stackable to save stocking place.



Fig. 13

5. USE OF THE MOUNT FRAME

Our Wraptime Packer can be used with or without a mount frame.

If you bought your Wraptime together with an optional*

- MOUNT FRAME (Mono) TR 150/1 (Code No. 97171) or
- Mount frame (Mono) TR 150/1 Euro-Kombi (Code No.97172)

Please make sure to read and comply with the following instructions. If you did not buy the mount frame, you can always get one later and use it with your machine.



Fig. 14

The Mount Frame TR 150/1 (Mono) Euro-Kombi (Fig. 14) is recommended for mobile applications on wood storage yards and fits any Euro-Combi carrier for attachment and transportation on a front loader or rear tractor hydraulics!

5.1 Installation of the mount frame



Fig. 15

Install the mount frame on a compact, smooth surface and secure it to the floor stand with two M12 screws (Fig. 15).



BEWARE! DO NOT FORGET TO PROVIDE GROUNDING OF BOTH HOIST AND MOUNT FRAME!

5.2 Installation of the hoist on the upper swing-arm

If you bought our hoist version Wraptime I/S (Code no. 97165), with electric rope, screw it directly to the plate that you find on the upper arm of the mount frame. A bracket must be provided between plate and hoist and attached to a power supply unit.

If you bought our hoist version Wraptime II/S (Code no. 97166) with electric chain, make sure to bolt an adapter plate to the crane arm and install a steel plate underneath it for attachment to the power distributor. Strictly bolt the hoist to the adapter plate, when this is done.

*Accessories are not delivered by the manufacturer as part of the supply scope. However, they can be ordered separately at any time.

**Zubehörteile sind keine Grundausstattung, auf Wunsch aber erhältlich und somit zusätzliche Kosten*



Fig. 16

When you operate the „UP-button“, the chain will be completely wound up.

When you operate the „DOWN-button“, the chain will be completely unwound.

The rotation of the barrel must match the direction shown by the arrow on the barrel. (see Fig. 16)



Fig. 17

5.3 Setting the mount frame ready for operation

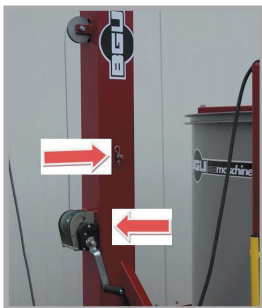


Fig. 18

The mount frame is delivered by the manufacturer completely folded up for easier and cost-effective transportation.

- Undo and remove all fixation bolts and pins
- Use the manual winch to move the carrier construction to the required position (Keep lifting until the hole past the fixation pin can be seen through the post)
- Insert the fixation pin back into the hole and secure it with a cotter.
- Release the winch rope to let the inner tube of the post

Do the other way around when you need to retract and fold the mount frame. (see Fig. 18)



Fig. 19

Clamping rope:

Tie the free end of the clamping rope (the one pulled across the rear side of the mount-frame arm) to the special eye bolt located underneath the floor-stand of the crane, and secure it using a screw jack. (see Fig. 19)



Fig. 20

When working with a mount frame, make sure that the hook is securely attached to the Wraptime eye bolt through the cover lid. (see Fig. 20)

5.4 Connection of the electric chain-hoist

Make sure to let the hoist be wired and connected to power by a qualified electrician only.

The mount frame and the hoist are accessories that can be purchased separately. For this reason they do not come with inbuilt earthing. As they are both bound to receive a power voltage, efficient grounding must be provided by customers. A green-yellow wire is available at the power distributor. Connect it to the crane arm underneath the reference screw.

Ground the mount frame connecting an earth-wire to the screw provided on the rear side of the mount frame.



When connecting the winch to your power network, please check the compliance of your supply with the specifications in this manual!

Should rotation be performed in the opposite direction, immediately stop the machine and change the plugging polarity of the conductor cable. The electric power socket must be fitted with a no-volt release switch designed for rated current up to 30mA.

The manufacturer does not accept any liability for damages and injuries resulting from failure to comply with these instructions.

6. REPAIRS AND MAINTENANCE



Always disconnect the machine from the power supply before maintenance or repair works.

Before starting to work your machine, perform a functional and visual check for eventual possible machine faults or damages.

Make sure to always use strictly original spare parts. This is very important for your own safety!!

Make sure to provide regular lubrication of all bearings.

6.1 Consumables

Bearing and springs are consumable parts that are not covered by any warranty.

7. TECHNICAL DATA

Technical data	Wraptime I/S	Wraptime II/S
Electric chain hoist	1000 Kg	
Electric rope hoist	400/800 kg	
Gear motor (for rotation)	0,29 kW P2 /0,38 kW P1	0,29 kW P2 /0,38 kW P1
Voltage	3 x 150 mm	400 V
Barrel capacity	1,7 cords	1,7 cords
Barrel height	1500 mm (0.49 in)	1500 mm (0.49 in)
Barrel Ø	1200 mm (0.39 in)	1200 mm (0.39 in)
Weight without carrier	210 kg (463 lb)	222 kg (489 lb)

Technical data	Tragerahmen TR 150/1 (Mono) (Code no. 97171)	Tragerahmen TR 150/1 (Mono) Euro-Kombi (Code no. 97172)
Height (when extended)	4250 mm (167 in)	4250 mm (167 in)
Height (when retracted)	2640 mm (104 in)	2640 mm (104 in)
Width	1500 mm (59 in)	1500 mm (59 in)
Length with barrel	1800 cm (71 in)	1800 cm (71 in)
Weight	approx. 208 kg (458 lb)	approx. 208 kg (458 lb)

The manufacturer reserves itself the right to change any of the foregoing data/specifications further to design/functional improvements or changes of the machine

8. TRANSPORT

The mount frame is delivered by the manufacturer completely folded up for easier and cost-effective transportation.

The machine can be equipped with a Euro-Combi carrier (also see Point 5) for attachment to a tractor:

- Front loader or
- Rear tractor hydraulics



9. DIACTIVATING AND DISPOSAL

When the packer is fully obsolete and cannot be of any longer use, it should be duly dismantled ahead of disposal. Certain components need deactivation and dismantling in order to assure that no further use is made by other parties and that no worn out parts are recycled for other applications.

During dismantle be alert for possible recyclable materials and components.

These materials may be possibly recycled if properly disposed of. The manufacturer is not liable and undertakes no responsibility for personal injuries or damages that may result from the recycling of worn-out machine parts and eventual re-use in other applications different than originally stated in this manual.

Deactivation procedure:

Take good note please: each and every dismantling task must be performed by authorized service centres or trained skilled staff only!

- Lock all moving parts of the mill and pull the machine down into single components
- Deliver each single component only to authorized waste management facilities
- Remove rubber and plastic parts from the machine that must be separately disposed of.

Deactivated, clamped moving/driving parts and components are of no further risk and danger.

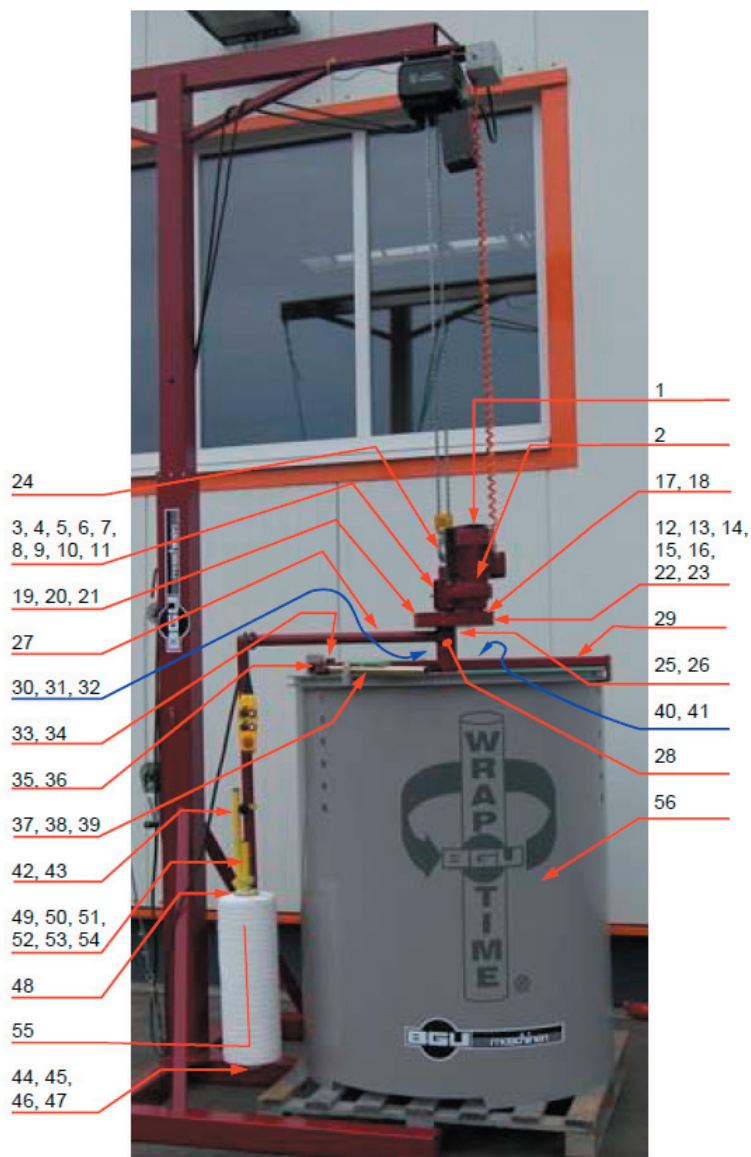
Electric components must be separately disposed to avoid substantial environmental threat. In the event of fire on the electric deployment system of the machine, use of an explosion-proof extinguish system is required (for example powder fire extinguishers).

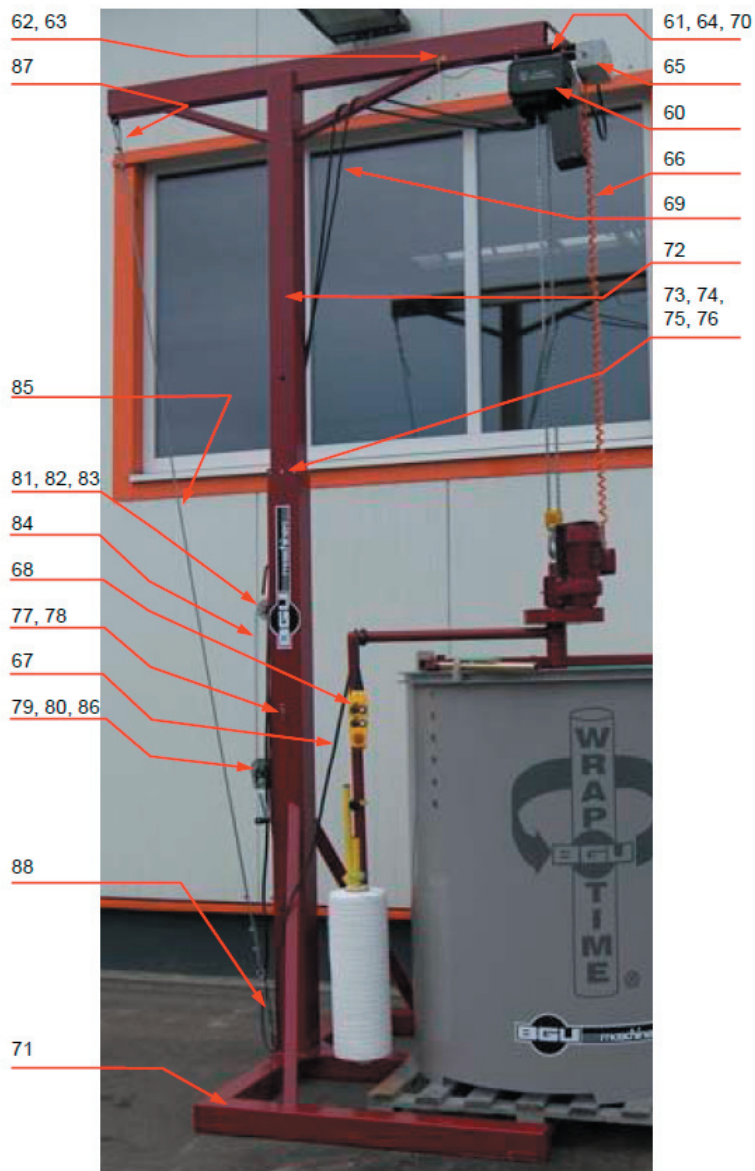
10. SPARE PART LIST

Pos.	Description (Wraptime)	Dimensions
1	Motor lid	
2	Gear motor	
3	Motor plate	
4	Motor mount	
5	Screw	M8x35
6	Screw	M10x15
7	Self-locking nut	M8
8	Screw	M10x130
9	Self-locking nut	M10
10	Screw	M8x30
11	Nut	M8
12	Belt	13780-001
13	Belt sheave, small	
14	Screw	M6x15
15	Sheave, large	M6
16	Pin	
17	Belt upper casing	
18	Hex socket head cap screw	M6x20
19	Belt sheave, large	
20	Hex socket head cap screw	M6x20
21	Belt bottom casing 1	
22	Belt bottom casing 2	
23	Hex socket head cap screw	M4x8
24	Hinge	M16
25	Greasing nipple	M6
26	PRM Bushing	505540
27	Swivelling arm	
28	PCMW flat washer	527802 B
29	Guide Arm	
30	Screw	

Pos.	Description (Wraptime)	Dimensions
31	Self-locking nut	M16
32	Shim	M16
33	Stud, locking bar	
34	Screw with hex recess	M6x20
35	Plastic pad 1	
36	Hexagon socket head cap screw	M6x15
37	Lever	
38	Plastic pad 2	
39	Hexagon socket head cap screw	M6x10
40	Plastic pad 3	
41	Hexagon socket head cap screw	M6x10
42	Packing	
43	Star screw	M10
44	Stop	
45	Screw	M10x30
46	Hex socket head cap screw	M5x5
47	Loader 1	
48	Loader 2	
49	Threaded rod	M10
50	Nut	M10
51	Bearing 6202	
52	Bush 1	
53	Bush 2	
54	Grip	
55	Tube	
56	Barrel	

Pos.	Description (C R A N E)	Dimensions
60	Hoist	M16
61	Screw	M10
62	Screw	M5x6
63	Shim	5.5
64	Chain hoist, plate	
65	Control panel for chain/rope winch	
66	Spiral wire	
67	Wire adjuster	
68	Adjuster	
69	Power cord	
70	Plate for hoist control panel	
71	Floor plate	
72	Stand	
73	Plastic pad 4	
74	Hexagon socket head cap screw	M6x10
75	Plastic pad 5	
76	Hexagon socket head cap screw	M6x10
77	Bolt	
78	Split pin	
79	Manual winch	
80	Nut	M8
81	Roller	
82	Screw	M10x50
83	Nut	M10
84	Rope	Ø 4mm,3500 lg
85	Rope	Ø 4mm,3500 lg
86	Rope clamp	M5
87	Rope clamp	M6
88	Clamping vise	





11. EC STATEMENT OF COMPLIANCE

in compliance with the EC Machine Directive 2006/42/EG and EC EMC Directive 2004/108

We hereby declare that the equipment described in this manual responds in full to the actual version brought on the market. We, the manufacturer further declare that this equipment was duly designed and manufactured in accordance with the actual European Safety and Health Standards settled by the relevant EEC directives as well as the latest electromagnetic standards issued by the European Council of 3.5.89 and later enforced by all member states.

This statement of compliance does not apply to customer modifications of the equipment without manufacturer's written approval.

Machine type:	Wraptime
Models:	Wraptime I/S , II/S
Production serial no.:	see product identification label
Applicable European Standards:	EC Machine Directive No. EC 2006/42 Low Voltage Directive (LVD) 2006/95/EC, EC-EMC Directive 2004/108

Person responsible for the technical documents: René Pareis (Management)

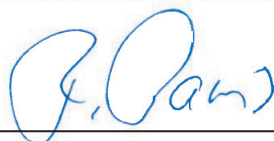
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Venue: Nordhausen

Date: 19.01.2017

Official language of the owner's country: German



René Pareis (Management)

(Copy for customer's user)



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<p>Form: 2141.19.01.2017 - Rev. B Form: 2142.19.01.2017 - Rev. A Form: 2143.19.01.2017 - Rev. A Form: 2144.19.01.2017 - Rev. A</p>
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