

BRUSHING MACHINE **OPERATING MANUAL**

Operating and Maintenance manual for the Hey Cleaning
Technology Foam Box

Thank you for choosing Hey Cleaning Technology.

We have designed our machines for an easier, safer and more effective way of cleaning kitchen extraction system.

We are always here to make sure you get the most out of your machine, so if you have any questions please call us and we will be happy to help.

BEFORE USING THE MACHINE PLEASE READ THIS MANUAL.

Training

As a supplier we offer training services to support you on your journey with this new method of cleaning.

All personnel selected to operate any Hey machinery must follow **ALL** the training information provided by the Hey Group and must inform us when complete.

This is to ensure you are confident and comfortable using our equipment in the future

MISUSE WILL VOID THE WARRANTY AND POTENTIALLY LEAD TO A MACHINE BREAK DOWN.

Technical

We have a very close relationship with our manufacturer and have built machines together. We offer a one-year warranty covering both parts and labour. If there are technical issues then we aim to resolve these as quickly as possible - if you are in a country other than the UK then any issues will be solved by our local distributor.

This manual should always be available to the operating personnel. Before commissioning, the following instructions must be read carefully. By paying close attention to these instructions, correct use of the Brushing Machine is ensured for the future. This document is protected by Copyright law.

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1. Important Information

This owner's Manual covers the safe handling and operation of the Hey Brushing Machine. Before operating you must read, understand and follow the instructions and safety warnings in this manual. These operating instructions **MUST** be observed by all persons who work with this machine.



DANGER - Indicates a hazardous situation, which, if not avoided could result in death or serious injury



WARNING - Indicates a hazardous situation, which, if not avoided could result in death or serious injury



CAUTION - Indicates a hazardous situation, which, if not avoided could result in minor to moderate injury



NOTICE - Indicates a situation that could result in damage to the machine or other property

1.1 General Safety Regulations

The presence of unauthorised persons in the immediate proximity of the device is prohibited. In order to avoid personal injury and property damage as well as damage to the machine, the following safety instructions must be observed.

NOTICE - This device may only be used by persons who have received adequate training and have observed this manual.

CAUTION - MATERIAL DAMAGE!

The Brushing Machine is only intended for the work specified in this instruction manual. Any other use without permission of the manufacturer is prohibited. Make sure there is adequate lighting, ventilation, safe ladders and scaffolding. If the Brushing Machine is used for a purpose other than specified, the manufacturer is not responsible for any possible consequences. **Do not remove protective case.**

- The operator must ensure that the device is suitable for the work concerned and that the legal requirements are complied with.

DANGER - KEEP CLEAR OF MOVING PARTS

The manufacturer holds the right to void warranty and will not accept responsibility if any injury occurs.

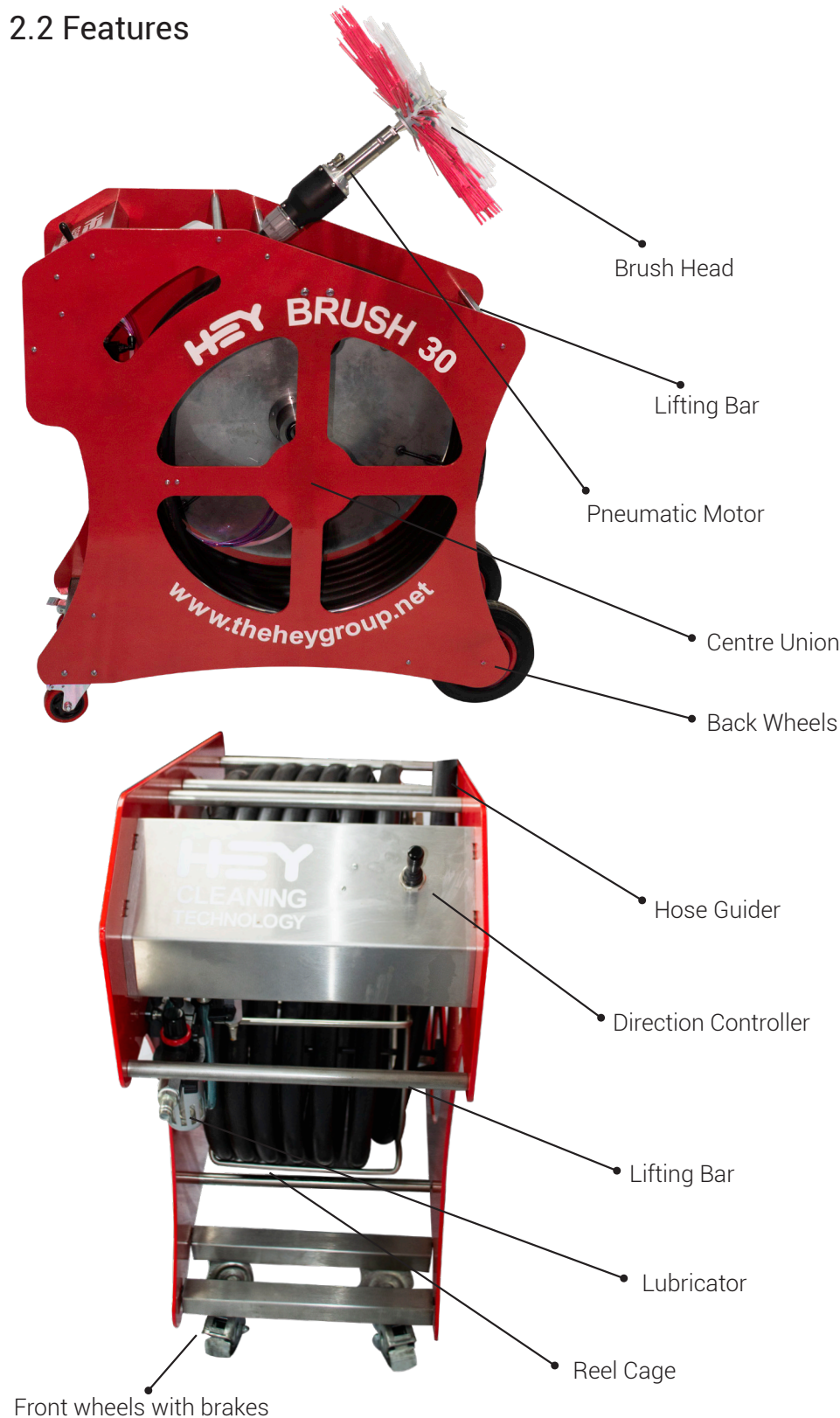
If the machine has been used in such a way that the original case has been removed or has been tampered with, then the responsible personnel must be informed immediately.

2. Product Information

2.1 Intended Use

The Hey Brush 15m-30m is a ductwork brushing machine designed for cleaning the inner surfaces of both rectangular and circular ducts. From 300mm to 1000mm diameter soiled with stubborn grease. Can be used with the Hey Foam Box for an even deeper clean.

2.2 Features



2.3 Operating Principle

The Hey Brushing Machine comes in two sizes 15m and 30m hose length. The spin of the brush is powered by compressed air. A centraliser has been designed to centralise the brushes when cleaning the larger duct. The brushing machine can connect to the Foam Box to allow foam and rinse through the brush end.

2.4 Technical Information

15m

Operating Method:	Air Operated 6 Bar Max
Brush Speed:	450RPM Max
Operation:	Lever Operated
Dimensions: Height	103cm
Width	40cm
Hose Length:	15m
Weight:	57kg
Casing	Aluminium
Reel	Stainless Steel
Lubricant	Pneumatic Oil

30m

Operating Method:	Air Operated 6 Bar Max
Brush Speed:	450RPM Max
Operation:	Lever Operated
Dimensions: Height	113cm
Width	40mm
Hose Length:	30m
Weight:	75kg
Casing	Aluminium
Reel	Stainless Steel
Lubricant	Pneumatic Oil

3. Transporting & Storing your Brushing Machine

CAUTION - The following instructions must be observed to avoid injury to yourself or damage to the Brushing Machine

We recommend 2 people carry the Brushing Machine up steps and 2 people to lift out of any vehicle. When loading the machine into a vehicle, extra care must be taken to protect both the brush motor and lubricator from damage. When travelling please ensure brushes are removed.

4. Foam Box Cleaning Chemicals

At The Hey Group we have a wide range of chemicals available for every cleaning need.



CAUTION - Please ensure that whenever chemicals are used that the correct PPE is always worn to prevent injury to the operative from exposure to the chemicals.

Chemical Resistant Suit	The standard that governs this PPE is UNE EN 13034:2005
Complete Facial Protection	The standard that governs this PPE is UNE EN 166:2002 'Personal eye-protection specifications'
Chemical Resistant Gloves	The standard that governs this PPE is UNE EN 420:2004 and UNE EN 374-1:2004
Face Mask	The standard that governs this PPE is UNE EN 136:1998

Maintenance and Up Keep

After use:

1. Ensure all pipes are clear of chemical by using rinse mode for a minimum of 30 seconds
2. Clean and wipe away any grease on the outside of the machine.
3. Ensure foaming nozzle and pipes are clean
4. Before removing the lance or brush ensure you have put the machine into 'rinse' mode to release any excess pressure. Once the machine is switched off press the lance to relieve any water pressure.
5. When transporting the machine, handle with care to avoid damage.
6. Before every use ensure lubricator has enough oil.
7. When draining the machine of air, keep the brush connected to the compressor and drain from the compressor to bring the air backwards. This ensure no moisture from the compressor gets into the motor.

Replacement Parts:

Hey Cleaning Technology has all the parts you need. We have stocks of machine accessories and chemicals to help your carry out your jobs. If you require any additional parts, chemicals or accessories please call us on +44 (0) 1924 856390 or email us at enquiries@theheygroup.net

W: www.heycleaningtechnology.com

E: enquiries@heyuk.co.uk

T: +44 (0)1924 856390

Warranty

ALL our machines have a 3 year parts and labour warranty guarantee for manufacture fault/s on them. This does not cover any damage which the product may have endured during cleaning, transporting or misuse. Any damage of this nature will be charged for.

The guarantee automatically expires on using any accessory other than those supplied by The Hey Group.

The after-sale and repairs service is free of charge during the guarantee period under the following conditions:

1. Damage caused by defects in the materials or defective components.
2. Defects caused by normal use and wear and tear of the machine. Inadequate or insufficient maintenance will not be covered by the guarantee.
3. Any repair or maintenance operation differing from those explained in this manual must be performed by the manufacturer or by a representative authorised by them. The manufacturer does not accept responsibility for maintenance operations performed by unauthorised third parties.
4. Any change made to the internals of the machine **without specific instruction** from a Hey Group representative can potentially cause damage to the machine. The manufacturer does not accept any responsibility or liability if this occurs.
5. In the event of a breakdown, please contact a Hey Group representative immediately. You can send us a repair document with pictures attached to show us what the problem is. Wait for the manufacturer to explain the steps to be followed for the repair. In order to use the guarantee, the invoice or invoices must be submitted along with proof of full payment.
6. If a fault is found and not reported immediately this could cause further damage throughout the machine. This will void the guarantee.

The guarantee lasts for a year from the date of purchase and is valid in accordance with the conditions of use specified in this instruction manual.

Unless stated otherwise, the machine shall be sent to the factory with the shipment paid. The address is as follows:

Hey Safe Cleaning Solutions LTD
Unit 3 Ripley Close,
Normanton,
Wakefield
WF6 1TB

The Hey Group reserve the right to make changes to machines/equipment without giving prior notice.

Servicing

We do offer a 3 year servicing package where the machines are shipped either back to the UK offices or to your local distributor. The condition of your machine will determine whether it is covered by general service otherwise charges will be made for the work carried out.

Declaration of Conformity

Manufactured under licence for:

Hey Safe Cleaning Solutions LTD

Model:

HEY BRUSHING MACHINE

Hey Safe Cleaning Solutions LTD; with full responsibility, certifies that the model of the machine described above complies with all the essential requirements of the following directives:

Our details:

Manufactured in the United Kingdom for Hey Safe Cleaning Solutions Ltd

Unit 3 Ripley Close,
Normanton,
Wakefield,
WF6 1TB,

Telephone: +44 (0) 1924 856390

Email: enquiries@theheygroup.net