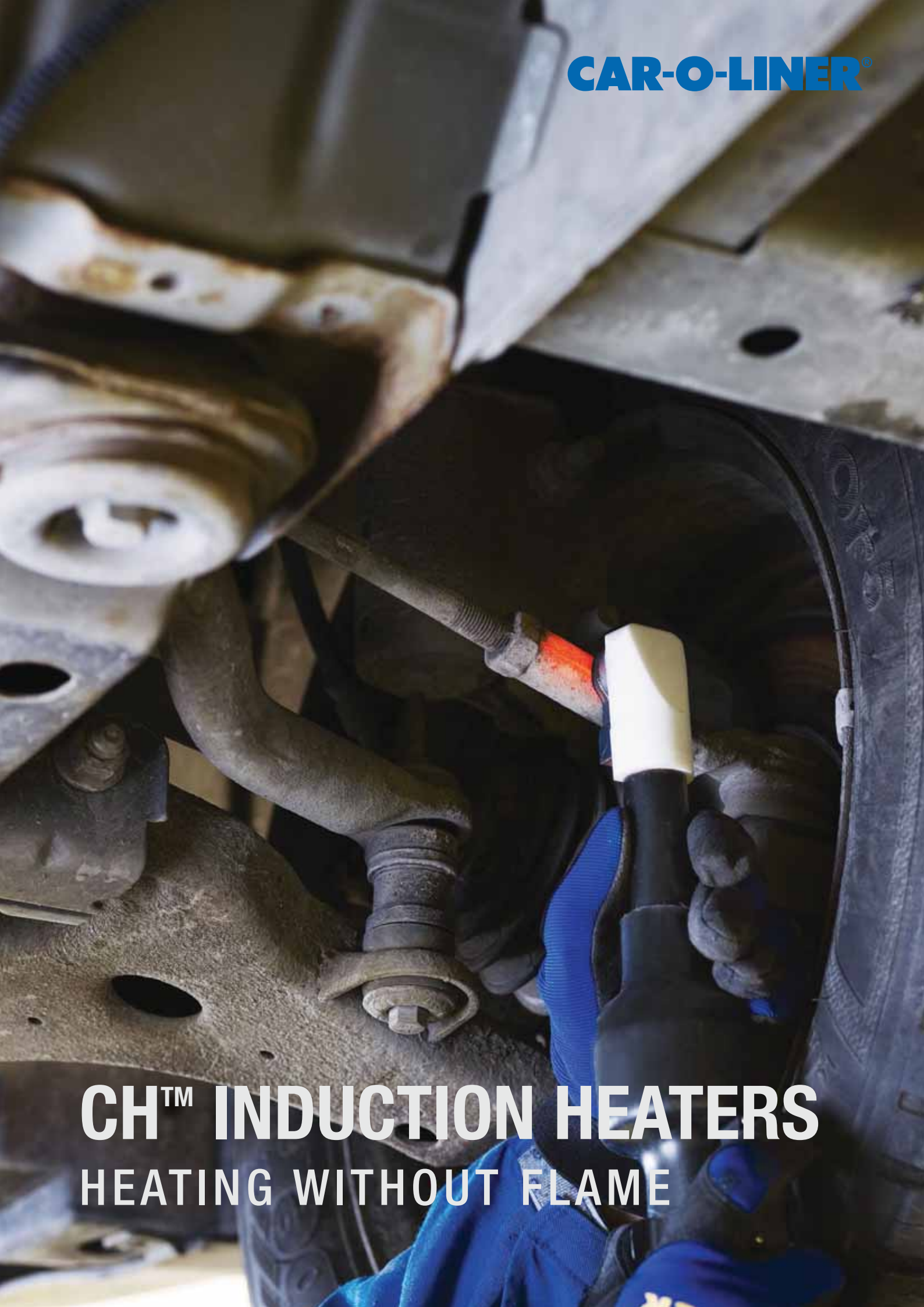
CAR-O-LINER®



CH™ INDUCTION HEATERS

HEATING WITHOUT FLAME

CH™ INDUCTION HEATERS

CONTROLLED HEATING WITHOUT A FLAME

THE ADVANTAGE OF USING INDUCTION TECHNOLOGY IS THAT THERE IS NO OPEN FLAME. THE HIGH POWER CH™ 37 CAN BE USED IN THE SAME WAY AS A GAS TORCH, BUT WITHOUT DESTROYING NEARBY PARTS. THE CH™ 100 IS A ROBUST AND ERGONOMICALLY DESIGNED.

PERFECT RESULTS

ALWAYS AT YOUR FINGERTIPS

The **CH™ 37** has a unique regulation and control system featuring five power levels, making it nearly impossible to overheat.

The high power **CH™ 100** induction heater can be used in the same way as a gas torch, but with little risk of damaging nearby components.

PERFECT RESULTS, AT YOUR FINGERTIPS

CONTROL PANEL
Intuitive and user-friendly

HEATER UNIT
4 - 11kW

WATER TANK
20 liters capacity

INDUCTION
Lightweight, accurate and easy to use (trigger, holder, handle and induction head)

CH™ 37

VERSATILE WORKING RANGE

CH™ 37 IS PRINCIPALLY DESIGNED TO HEAT ALL MAGNETIC MATERIALS AND ALSO PERFORMS WELL ON ALUMINIUM. BY CONCENTRATING A POWERFUL MAGNETIC FIELD AT THE HEAD OF THE INDUCTOR. THE MAGNETIC FIELD ALTERNATES THE FREQUENCY, CREATING EDDY CURRENTS IN THE MATERIAL. THE ELECTRICAL RESISTANCE CREATES HEAT IN THE METAL.

FOR LIGHTER REPAIR WORK

CH™ 37 can, as with all our induction heaters, be used in the same way as a gas torch, but is completely safe withlimited risk of destroying nearby parts. **CH™ 37** is designed for lighter repair such as straightening sheet metal and loosening smaller machine parts such as pins, clamping rings and nuts. Overheating is avoided through our unique 5-step regulation and power control system.

VERSATILE WORKING RANGE

CH™ 37 is used for sheet metal straightening and loosening of small machine parts such as nuts up to M24, pins, or clamping rings. The highly efficient induction heater enables the heating of small parts without damaging nearby parts. Overheating of the material is avoided through the use of five different output levels and a unique regulation and power control system. Cooling of the induction heater is provided using an efficient, closed water cooling system.

FEATURES AND BENEFITS

- Heating rusted wheel bolts and nuts
- Heating rusted door hinge pins
- Heat shrinking steel and aluminium panels during repair
- Heating of rusted exhaust manifold flange bolts in hard to reach places
- Heating of rusted bolts and nuts on the suspension or steering
- Easy removal of undersea and PVC coating

CH™ 100

DESIGNED TO BE TOUGH

FOR HEAVY PARTS AND STRAIGHTENING

CH™ 100 is a highly powerful, robust adjustable machine which can be used in a variety of applications. It is ergonomically designed and easy to move around thanks to its compact size. Use **CH™ 100** for lighter straightening of smaller chassis and loosening of heavier machine parts like bolts and nuts, so that they quickly and easily detach Use even on bushings and bearings, saving you time and effort in the workshop.

DESIGNED TO BE TOUGH

The **CH™ 100** is designed for improved movability and has good reach thanks to its long hose package and cables. The heating effect can be controlled through the control panel's 5 output levels. Efficient cooling is provided by a fan and the condenser unit in a closed water cooling system.

PERFECT FOR A WIDE VARIETY OF APPLICATIONS

Despite its compact size, the **CH™ 100** is a highly powerful machine offering 10kw. The control panel has intuitive buttons and indicators for easy setting of power output in five stages. It is also easy to read and use, even while wearing gloves. The warming tool and cable holders are mounted on the machine for safety.

FEATURES AND BENEFITS

- No preparation required, heats through rubber, plastic, glass, paint, etc.
- Precise, will not damage nearby heat sensitive parts
- Total power control due to the unique regulation and control system
- User friendly front panel with five power control levels
- Total control with the high power system —quickly heats exactly where the operator chooses
- No open flame makes **CH™** a safe solution

PRODUCT INFORMATION
AND TECHNICAL DATA

STANDARD COMPONENTS

CH37 200V

PART NO. 36563

CH100 200V

Part NO. 45331

CH100 400V

PART NO. 45330

OPTIONAL ACCESSORIES

HIGH-TECH FLUID

ITEM	PART. NO.
3L Concentrated (CH37 and CH100)	33944
5L Diluted (CH37 and CH100)	36671

CH37 STRAIGHT INDUCTION HEAD

PART NO. 39591

TECHNICAL DATA

CH37

SPECIFICATION	PARAMETER
INPUT VOLTAGE	208 - 240V 50 - 60Hz, single phase, 16A (USA 20A)
PROTECTION CLASS	IP21
WORKING FREQUENCY	18 - 40kHz
IN SUPPLY - MAIN SUPPLY POWER	4kW
INDUCTION POWER	3.7kW
INDUCTION CABLE	3m (118,11in)
COOLING SYSTEM	Water (decalcified)
WEIGHT (WITH FULL TANK)	34kg (74,95lb)
WATER TANK	20L
CONTINUOUS OPERATING TIME*	20min
DIMENSIONS	40 x 35 x 100cm

CH100

SPECIFICATION	PARAMETER
INPUT VOLTAGE	200V, 3 Ph+PE, 50 - 60 Hz, 32A 380 - 400V, 3Ph+PE, 50 - 60Hz, 16A
PROTECTION CLASS	IP21
WORKING FREQUENCY	14 - 30kHz
IN SUPPLY - MAIN SUPPLY POWER	11kW
INDUCTION POWER	10kW
INDUCTION CABLE	6m (236,22in)
COOLING SYSTEM	Water (decalcified)
WEIGHT (WITH FULL TANK)	105 kg (231,48lb)
WATER TANK	35L
CONTINUOUS OPERATING TIME*	40min
DIMENSIONS	76 x 56 x 117cm

* at 20ºC room temperature and max. effect

WE CARE ABOUT BODY SHOPS

EXCELLENCE. INNOVATION. PASSION.

CAR-O-LINER ACADEMY

We are a competence development partner for the automotive industry, our main objective is to improve quality, safety and profitability for body shops.

THE TRAINING YOU NEED

RIGHT PERSON

RIGHT TIME

RIGHT COURSE

RIGHT COMPLEXITY

We enhance our customer's abilities by identifying the real competence and development needed. Offering solutions to meet these needs and accelarate the business growth.

WE OFFER THE SOLUTION

WE IMPLEMENT THE TRAINING

WE FIX THE ROOT OF THE PROBLEMS

WE MEASURE RESULTS

CUSTOMER SUPPORT

The Car-O-Liner Group headquarters is located in Gothenburg, Sweden, with subsidiaries located in Norway, Germany, France, United Kingdon, Italy, China, India, United States, Thailand and the Middle East.
Wherever you are, Car-O-Liner can provide customers with product information, training, support or data subscription/renewal.

CHINA:
+86 10 6789 2123
info@car-o-liner.cn

FRANCE:
+33 1 69 52 7750
france@car-o-liner.net

GERMANY:
+49 (0) 6073 74487-0
info.germany@car-o-liner.se

INDIA:
+91 114 105 0523
info.india@car-o-liner.se

ITALY:
+39 059 468 310
info.carolineritalia@car-o-liner.se

MIDDLE EAST/AFRICA:
+971 6 566 8702
info@caroliner.ae

NORWAY:
+47 3343 0270
info@car-o-liner.no

SWEDEN:
+46 31 721 1050
info@car-o-liner.se

THAILAND:
+66 2 026 32 55
info.apac@car-o-liner.se

UNITED KINGDOM:
+44 1788 574 157
info@car-o-liner.co.uk

UNITED STATES:
1-800 521 9696
info@car-o-liner.com

FIND A DISTRIBUTOR NEAR YOU

Rely on our professional service teams in over 70 countries to define which Car-O-Liner product suits you best.
Please visit our website: **www.car-o-liner.com**

CAR-O-LINER®

36553 INDUCTION HEATING 2018-08 BROCHURE EN

www.car-o-liner.com

Car-O-Liner© (2018) is a trademark of Snap-on Incorporated. All rights reserved.

Product images are for illustrative purposes only and may differ from the actual product. Car-O-Liner reserves the right to modify any content without prior notice.