

Power Clamp Economic

Haimer Inductive Shrink Fit System



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ONRION

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Dear Valued Customer,

Thank you very much for your inquiry. We are pleased to quote you the HAIMER Power Clamp "Economic" Shrink Fit machine.

- The "**Power Clamp Economic**" enables you to shrink in record time!
 1. Clamping time under 10 seconds
- Adapted for shrinking High Speed Steel and Solid Carbide Tools
- Automatic control function – coil automatically determines correct control settings for proper heating of the chucks – limits overheating of tool holders
- Shank diameter ranges of 3mm - 32mm (1/8" – 1-1/4")
- Extensions and holders from all manufacturers can be successfully clamped in our system

PART# 80.110.00.3 \$13,370.00 USD

Above Price Includes:

- Heating Coil Ø 1/8 - 1 1/4" (3 - 32 mm) tool shanks
- Set of 5 stop discs
- Single Chuck Support - *Please specify taper* (\$200.00 USD max valued chuck support)
- 1 Base Holder (80.155.01)
- 1 Set of Kevlar gloves



Please note: This model does not include cooling unit, however it can easily be retrofitted to include cooling in the future (for additional costs).

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Profi Line: Modular Versatility

The Profi Line offers a full range of performance and is unbeatable in efficiency. High performance coils and contact cooling guarantee simultaneous shrinking and cooling in record time. No wishes remain unfulfilled. The machines of the Profi Line work with both the standard coils and the intelligent and comfortable NG coils. Of course, the equipment recognizes each coil and chooses the correct shrink fit parameters automatically.

The shrink fit units of the Profi Line form a modular system. The start-up machine Power Clamp Economic can gradually be upgraded to the high-end unit Power Clamp Comfort NG.

Other Benefits

Coil Technology



The induction coil is the core of inductive shrink fit technology. HAIMER has been the leading developer of inductive shrink fit technology for tool holders for years. A number of patents, predominantly in the field of induction coils, is the visible proof of our innovation and advancement.



Standard Coil

The standard coils have been proven for years with interchangeable stop disks. All shrink fit chucks with diameters of 3 to 32 mm can be heated with a single coil. Just 5 stop discs are enough to adapt the coil to each chuck, from the smallest to the largest.

Power requirements to run unit

400 to 500 volts, 3-phase, 20-amp time delayed fuses
Machine must be run on a separate line from the main fuse box
If requested, customer is responsible for CSA or NTRL official approval costs

Technical Data

Power (base unit): approx. 13 kW
Mains voltage: 3 x 400 – 480V, 16Amp
Shrinks solid carbide and HSS tools from \varnothing 3 – 32 mm

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Installation and Training - Travel Costs Not Included

91.101.12.00	\$629.00 US
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**Additional Maintenance Contracts Available, please contact your Regional Sales Manager for details*

Additional Options

❖ **SHRINK FIT BRUSHES** (*Brass wire brush required for cleaning bores of shrink chucks*)

86.200.01	∅ = 1/8 inch 3 mm	\$14.20 US
86.200.02	∅ = 3/16 inch 3.5 - 5 mm	\$14.20 US
86.200.03	∅ = ¼ - 5/16 inch 6 - 8 mm	\$35.00 US
86.200.04	∅ = 3/8 – 7/16 inch 10 - 12 mm	\$35.00 US
86.200.05	∅ = 1/2 inch	\$35.00 US
86.200.06	∅ = 5/8 inch 14 - 16 mm	\$35.00 US
86.200.07	∅ = 3/4 inch 18 - 20 mm	\$35.00 US
86.200.08	∅ = 1 inch 25 mm	\$35.00 US

❖ **SHRINK-OUT DEVICE** (*For removing broken cutting tools*)

80.126.00	Set include 1 base plate and 6 pins -3 diameters in 2 lengths each -160 x 2.3 mm -160 x 4.7 mm -160 x 5.5 mm -275 x 2.3 mm -275 x 4.7 mm -275 x 5.5 mm -without pliers -Rubber plate for protecting the chuck -Tray for keeping tools organized	\$1,493.00 US
80.107.00	Combination Pliers for changing tools	\$100.00 US

❖ **STOP DISCS** (*split/ultra-short for non-standard tool holders*)

80.152.03.1	Split stop disc ∅ 3 - 5 mm	\$234.00 US
80.152.06.1	Split stop disc ∅ 6 - 12 mm	\$234.00 US
80.152.14.1	Split stop disc ∅ 14 - 16 mm	\$234.00 US
80.152.18.1	Split stop disc ∅ 18 – 20 mm	\$234.00 US
80.152.25.1	Split stop disc ∅ 25 – 32 mm	\$234.00 US
80.152.06.2	Stop disc ∅ 6 - 12 mm (<i>ultra-short</i>)	\$234.00 US
80.152.14.2	Stop disc ∅ 14 - 20 mm (<i>ultra-short</i>)	\$234.00 US
80.152.25.2	Stop disc ∅ 25 - 32 mm (<i>ultra-short</i>)	\$234.00 US

❖ **ADDITIONAL BASE HOLDER** (*to hold chuck supports of all sizes – one included with machine purchase*)

80.155.01	Base holder for chuck support	\$296.00 US
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❖ CARTS AND ACCESSORIES

80.106.00	Cart for shrink fit machine	\$1,044.00 US
80.124.00.4	System Cart (1000x620x840 mm) -Cart for shrinking machine and accessories -For a clear and tidy work space -Ergonomic work height -Everything at hand -Drawer to store accessories	\$2,553.00 US
80.124.04	Drawer insert for system cart (does not include accessories)	\$574.00 US

❖ COOLING UPGRADE KIT (Modular upgrade to include cooling unit)

80.115.01	Expansion Stage 1 – Includes: -Back rear wall -5 cooling bodies -US speed cooler (120V/60Hz) to provide fast cooling	\$8,401.00 US
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❖ PRECISION CHUCK SUPPORTS (for holding 1 tool/single chuck – fine machined functional surfaces – one included with purchase, \$200.00 max value)

80.112.30	CAT 30 – CAT/BT/SK	\$200.00 US
80.112.40	CAT 40 – CAT/BT/SK	\$200.00 US
80.112.50	CAT 50 – CAT/BT/SK	\$200.00 US
80.113.25	HSK-25 – A/C/E	\$200.00 US
80.113.32	HSK-32 – A/C/E	\$200.00 US
80.113.40	HSK-40 – A/C/E	\$200.00 US
80.113.50	HSK-50 – A/C/E & HSK-63F	\$200.00 US
80.113.63	HSK-63 – A/C/E	\$200.00 US
80.113.80	HSK-80 – A/C/E	\$200.00 US
80.113.10	HSK-100 – A/C/E & KM4X	\$200.00 US
80.114.40	PSC 40	\$309.00 US
80.114.50	PSC 50	\$309.00 US
80.114.60	PSC 63	\$309.00 US
80.114.80	PSC 80	\$309.00 US
80.113.F63M	Makino HSK-63F	\$408.00 US
80.113.F80M	Makino HSK-80F	\$408.00 US

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Terms: Net 30 days (subject to credit approval) – FOB Villa Park, Illinois. All prices quoted as U.S.D.

Delivery: Typically in stock – if not, standard delivery is 4-6 weeks upon receipt of purchase order. However, this delivery may be expedited. Please contact Haimer USA for availability in Villa Park, IL (all stock subject to prior sale).

NRTL and CSA approval: Customer is responsible for all NRTL/CSA certification, including costs and field evaluations.

Machine-Warranty: Haimer USA, LLC., the Seller, warrants to the User, who purchases and uses the product, as hereinafter defined against defects in materials and workmanship for one year from the date of delivery of the product to the User. That includes parts in the machine and labor. (Does not include optional parts and accessories)

Parts & Accessories Warranty: Haimer USA, LLC., the Seller, warrants to the User, as hereinafter defined against defects in materials and workmanship for 90 days from the date of delivery of the product to the User. That includes additional parts and machine accessories.

This Warranty does not cover damage due to improper use or handling. Only for manufacturer defects.

Any attempts to repair, disassemble, modify, alter or otherwise change the Product voids this warranty. It is the User's responsibility to see that the product is suitable for the User's applications of the product.

Common wear parts such as bearings, seals & rotary unions (and the like), which are subject to wear and tear, are not included in this warranty.

Our obligation under this warranty is to the initial User only. This Warranty provides for no credit or cash refund to this User.

This Warranty is limited exclusively to the repair or replacement of the parts found defective by Haimer USA LLC Service department.

This Warranty is subject to change without notice, provided however, even though Haimer shall not be required to give notice of a change in its Warranty, Haimer USA will make reasonable effort to notify customers and Distributors, who shall be obligated to notify its customers, of any substantive changes in the Warranty by either written notice to the changed Warranty in the product's package.

This quote is good for 30 days. Please feel free to call me with any questions and thanks again for the opportunity to quote.

Best regards,

Brendt Holden

President

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