

[Branding iron]

Electric branding irons or branding stamp are the traditional and most preferred form of marking wood, wooden boxes, pallets, crates, cork, leather and many other materials. Beside those materials you can use the branding irons also for plastics and rubber. However, please note that the marking quality will never reach the quality achievable in wood.

In the past, branding irons were laid in the fireplace. Nowadays, we supply our branding irons with an heating element suitable for 230/110 V. After a slow warm-up time, our branding irons are ready for use.

You can mark almost any information like company name, company logo, signs, interchangeable numbers/letters, legal sign and many more on wood, leather and many other materials. The marks are extremely lasting and will not change colour or fade by sunlight or water. Firemarks cannot be removed without destruction of physical damage of the product.

Electric branding irons are suitable for almost any branches of the industry like furniture industry, wooden industry, food industry, sawmills, carpenters and many more. Even individuals use these branding irons at home for their wood turner works, which becomes more and more popular. Another big application is the branding of wooden wine boxes but also for other wooden packagings.

Another important application is the branding of packaging wood in accordance with the regulations IPPC / ISPM Nr. 15.

Sizes and power

Our assortment comprises 3 different types of branding irons with up to 35 different sizes. Our blanks range from 30x16 mm to 300x80 / 250x100 mm. The power of the single stamps are in accordance with the blank to guarantee excellent branding results.

You can see all available branding irons on the next side of this catalogue.

Engravings and branding heads

Our engravers will produce your layout exactly to your requirements, from a simple text to a detailed company logo.

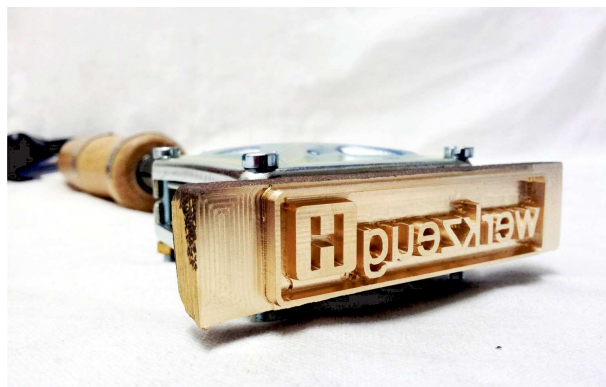
There are almost no restriction in design except a few basic points you should consider:

- character size > 2.5 - 3.0 mm (depending on the font)
- Thickness of a single line must be at least 0.5 mm
- Distance between two lines must be at least 0.5 mm
- big, black surfaces become hotter which leads to a shorter branding time.
- If the letters should be shown inversely (letter remains in nature colour), the letters must have a certain line strength or surface. The danger insists that the letters are consumed by the heat of the branding iron, the quality of the layout can be affected
- Colour shadings or grey steps cannot be shown. The only way out is a raster
- Certain logos are standardized (IPPC, EPAL, EUR, ÖBB, German Railways, ...)

Beside customised logos, we can also produce standardised logos like the EUR, EPAL symbols.

In addition, we produce electric branding irons for the marking of wooden packaging for almost any country in the world.

Branding iron



Advantages:

- + Low branding costs
- + Permanent marks on wood, leather, ...
- + Light-proof and water-resistant marking
- + Standard layouts (IPPC, EUR, EPAL, ...)
- + Almost any layout possible
- + Various branding heads in one stamp
- + Large choice of different models
- + Shortest delivery times
- + Most suitable for wood, leather, cardboard
- + For marking, advertising and decoration

Branding head - Sample



[Branding iron]

Branding iron

Available sizes

Article	Description	Power
T 0 30x16	Branding iron T0, 30x16 mm	125 W
T0 25	Branding iron T0, 25 mm round	125 W
T1 35x20	Branding iron T1, 35x20 mm	150 W
T1 55x10	Branding iron T1, 55x10 mm	150 W
T1 50x15	Branding iron T1, 50x15 mm	150 W
T2 50x25	Branding iron T2, 50x25 mm	200 W
T2 35	Branding iron T2, 35 mm round	200 W
T4 70x35	Branding iron T4, 70x35 mm	300 W
T4 90x20	Branding iron T4, 90x20 mm	300 W
T4 45x40	Branding iron T4, 45x40 mm	300 W
T4 50	Branding iron T4, 50 mm	300 W
T6 90x40	Branding iron T6, 90x40 mm	400 W
T6 75x50	Branding iron T6, 75x50 mm	400 W
T6 70x70	Branding iron T6, 70x70 mm	400 W
T6 110x30	Branding iron T6, 110x30 mm	400 W
T6 60	Branding iron T6, 60 mm round	400 W
T4 150x30	Branding iron T4D, 150x30 mm	600 W
HLP 108	Branding iron HLP 108, 105x80 mm	800 W
HLP 118	Branding iron HLP 118, 105x100 mm	800 W
HLP 128	Branding iron HLP 128, 120x80 mm	800 W
HLP 138	Branding iron HLP 138, 120x100 mm	800 W
S 105	Branding iron S 105, 100x50 mm	450 W
S 155	Branding iron S 155, 150x50 mm	500 W
S 205	Branding iron S 205, 200x50 mm	800 W
S 255	Branding iron S 255, 250x50 mm	1000 W
S 305	Branding iron S 305, 300x50 mm	1200 W
S 355	Branding iron S 355, 350x50 mm	1400 W
S 158	Branding iron S 158, 150x80 mm	1000 W
S 208	Branding iron S 208, 200x80 mm	1200 W
S 258	Branding iron S 258, 250x80 mm	1350 W
S 308	Branding iron S 308, 300x80 mm	1500 W
S 358	Branding iron S 358, 350x80 mm	1700 W
S 151	Branding iron S 151, 150x100 mm	1150 W
S 210	Branding iron S 210, 200x100 mm	1400 W
S 251	Branding iron S 251, 250x100 mm	1600 W
S 310	Branding iron S 310, 300x100 mm	1900 W

Branding iron - "T"



Branding iron - "HLP"



Branding iron - "S"



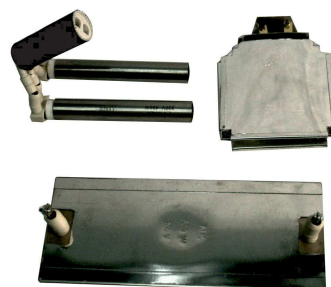
[Branding iron]

Branding iron - Accessories

Heating element

The heating elements are available for any branding iron as spare part. The power of the heating elements is indented in the heater so you can re-order them in case of damage.

Our heating elements are available from 150 W to 2000 W, depending on the branding iron. In case of a re-order, please send us a photo of the defective heating element.



Voltage regulator - Temperature regulator

Voltage regulators reduce the temperature of the branding irons and therefore improve the quality of the brands on any material. Especially when high quality marks are required, this temperature control unit will help you to produce the desired branding results.

In addition, these units will help you to prolong the life of your heating tool.



Branding heads - text dies

To every branding iron or to every size there are of course extra branding heads available. Thus several layouts with the same hand burner stamp can be marked. Also by damage or loss of the cliché or branding head, a new brander can be provided with low expenditure.



[Branding iron]

IPPC branding iron

IPPC branding iron

Packaging wood is widespread in the international freight traffic to the transport and protection of goods. Wooden packaging is often produced of inferior wood, because only low requirements for the quality are put in themselves. That's why such wood is often afflicted with rodents (insects, mushrooms) which are spreaded with the packaging in other areas.

To prevent this carry-over, many countries have decided import regulations which were harmonised within the scope of the international protection of plants agreement (IPPC) in 2003 and were regulated. The "international standard of phytosanitary measures No. 15" (briefly No. ISPM 15) with the guidelines to the regulation of wooden packaging in international trade was implemented by 166 states so far.

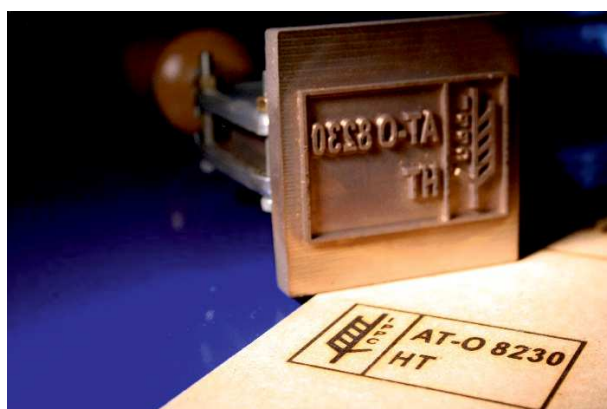
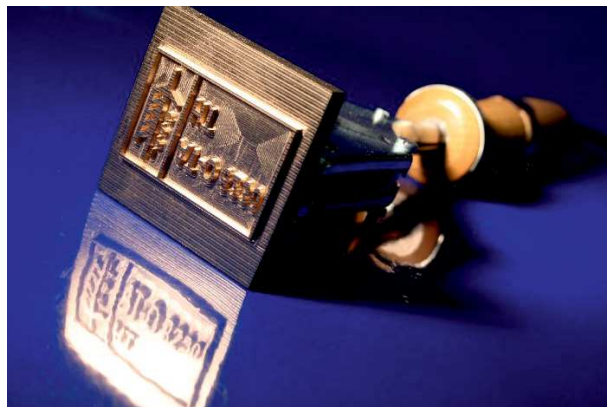
Concerned by this measure are packaging material of massive wood for the transport, protection and stowing away of goods and also palettes, boxes, sheds, drums, barrels, but also dunnage and wedges for fastening of goods. However, wood with a strength of less than 6 mm are not subject to the regulations of the No. ISPM 15.

For these marking regulations we offer the suitable electrically operated branding irons. The marking encloses on the one hand the standardized IPPC logo and, on the other hand, a country identification number, a company identification number and the kind of the treatment.

For the production of an IPPC branding irons, the following information is required:

- Size of the impression
- Registration number of the company
- Kind of the treatment

Of course we can produce IPPC branding irons for all countries in the EU and for many other countries outside of the EU.



IPPC branding iron

[Brennstempel]

Branding iron with figures 0-9

For frequently changing numbers we recommend to use our figure branding iron. Each figure is engraved on the die and you can easily brand any combination of numbers in short time.

This branding iron is available only in 10 or 20 mm character size.

Interchangeable branding types

Beside the branding heads with fixed texts and logos, there is the possibility to burn single figures and/or letter combinations with the interchangeable characters.

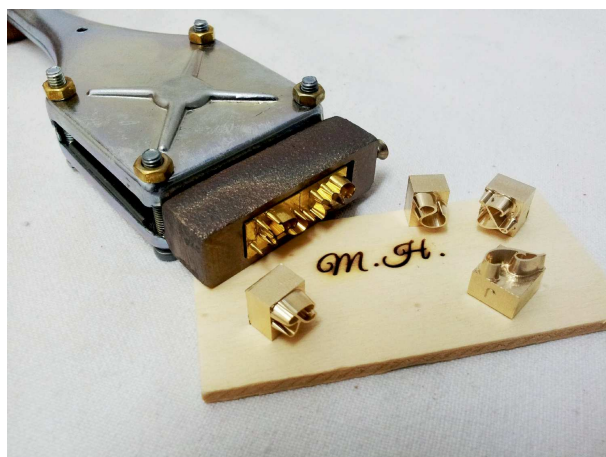
A slotted head is designed to hold interchangeable characters, the interchangeable types have the countersame fixture. Thus these types can be inserted comfortably in the branding head and are fixed with two fixings on the right and left side.

Branding irons with interchangeable characters can be made for one-, two- or three-line marking. In every line different character sizes can be used. In custom manufacturing even different character sizes are possible in a line.

Interchangeable types can be produced in different character heights between 6 mm and 30 mm, in custom manufacturing also larger sizes are possible. Besides, it is also possible to produce on demand special types, where several letters or figures are combined on a single type. With these types logo engravings or symbols are also possible.

Please, note that the interchangeable types as well as the branding head are hot during the usage. A withdrawal or a supply of the types in the heated state can happen only with a heat-steady glove or tweezers or similar tools.

Branding iron - Accessories



Gas operated branding iron

Branding iron

Propane gas branding iron

In case that no electricity is available, our range also comprises a propane gas operated branding iron.

You can use this branding iron also in the forest and in other places where no electricity is available. Due to the temperature of about 600 °C, this branding iron is suitable for fast branding where large quantities need to be marked (pallet manufacturers).

This branding iron is also used for IPPC - ISPM Nr. 15 marks.



Propane gas operated branding irons - Advantages

Advantages - Construction

- long durability
- Engraving die made of steel
- Turnable hose connection
- Ergonomic handle
- Flame is protected from storm

Advantages - Application

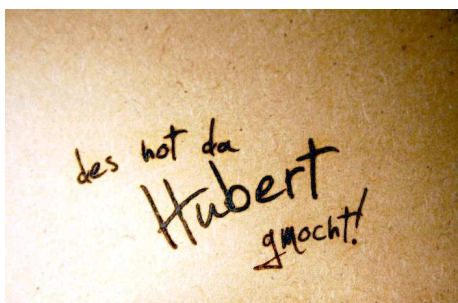
- Fast heating up
- Also suitable to mark humid wood in short time
- Can be used without any electricity
- Very suitable for large quantities
- Very suitable for pallet manufacturers or IPPC marking



Propane gas operated branding irons - Applications

- IPPC - ISPM Nr. 15 marks
- Pallet manufacturers (EUR, EPAL, ...)

[Branding irons]



[Welding iron]

Welding iron

Welding iron

Our welders stamps are most suitable to connect or separate plastics or similar products. These products are frequently used when laying a floor or for precise cutting of soft material like foam.

Our welding irons heat up quickly and provide a good grip as well as enough power for frequent and continuous use.

Welding irons - Available sizes

Our welding irons are available as follows:

T0 - 125 Watt - 25x70 mm plate size
T2 - 200 Watt - 80x75 mm plate size
T3 - 250 Watt - 80x75 mm plate size
T4 - 300 Watt - 120x65 mm plate size

Our welding irons come with 230 V and a German plug connector. Of course, you can use any adapter.

