

## Induction Post Weld Heat Treatment (PWHT)

Post-weld heat treatment (PWHT) is a stress release process by heating the welded zone after the workpiece is welded, which is an indispensable step to ensure the welding quality. Usually, this kind of post weld heat treatment procedure/processs is done with the [induction heating machine](#). Take JKZ's induction heating devices as examples. These devices will normally first heat the workpiece at the temperature of 100-150 degrees/hour and they will gradually reach the target temperature at 650-780 degrees according to different metal material features. All the processes will be completed perfectly in accordance with the pre-set heating time and PWHT temperature. The temperature recorder will record the temperature curve and feedback the data to the control system. Due to the need for strict requirements of the heating time and temperature control, the high degree of automation of induction heating equipment have successfully made itself locate at a very important position in all kinds of PWHT post-weld heat treatment equipment. In addition to general equipment, JKZ also specializes in the post-weld heat treatment for pipes, plates, tanks and large-size heterogeneous workpieces. Two specially designed air-cooled induction heating devices can be flexibly customized according to your choices.





Oil gas pipeline preheat



Flexible air-cooled inductor cable.



## Related Induction Heating Machines Offered By JKZ



[SWS-25A](#)



[MFS-120A](#)



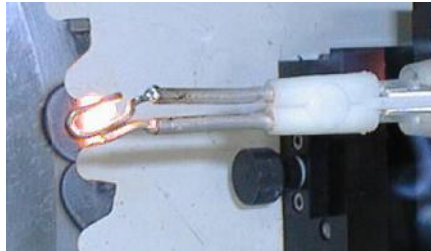
[MFS-250A](#)



## Related Application of Induction Heating



[Induction Hardening](#)



[Wooden Carbide Brazing](#)



[Steel Melting](#)

