



Temelsan®

KN 41 HBS TOUCH FLASH BUTT WELDING MACHINE

Standard Features

- 6x0,65mm - 41x1,30mm width Bi-Metal band CT band welding capacity (please look at next page for more specific information)
- Manuel adjusting up to 300 bar pressure of clamping system
- Manuel adjusting up to 200 bar pressure of upsetting system
- From 6mm up to 14mm manuel adjustable jaw gap regulation
- Hydro-Pneumatic clamping system
- PLC controlled 7" Touch Screen HMI
- 99 Program memories for fully range of band saw blade dimensions
- High pressure air cleaning system (Air blow off)
- Air pistol



Optional Features... 

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Full Auto annealing control by pyrometer

HBS type machines are semi automatic welding machines. To complete the machine be a fully automatic welder this option has to be attached.

Pyrometer device in combination with our software makes correct and same hardness at the weld area compare the band back material. The pyrometer cover is a well constructed metal box with fully automatic open and close functionality, switch controlled, includes also the LED working place lamp to make operator easy to place the shear to the clamping units.

Main benefit of annealing with pyrometer is to make constant annealing for each blade welding in this machines.



Numerical Stopper System

Welding machines as a standart has simple stopper system. To have a more efficient camber adjustment numerical stopper system also available for the KN41HBS/KN41HBC/KN54HBC/KN67HBS type welding machines.

Liquid Cooling Unit

The Liquid cooling unit is an external machine made for cooling the jaws.

The cooling unit has the advantage of keeping the adjusted jaw level temperature for serial weld operations constantly.

Re-adjustment of welding current value are almost not needed anymore. Recommended for serial welding procedures, like any minute a weld or more.



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