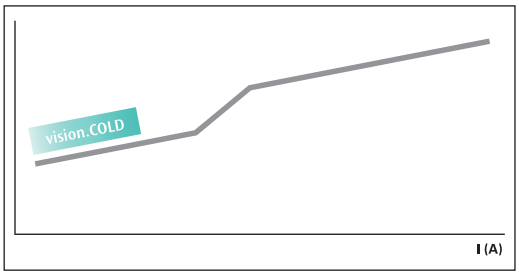
vision.COLD

LOW HEAT TRANSFER MIG/MAG WELDING

vision.COLD is an innovative low heat transfer MIG/MAG process, developed by CEA for welding thin thickness lamination sheets and for MIG brazing in all welding positions.
Thanks to supplied synergic programs, vision.COLD allows very high quality welding of thin sheets and its optimized arc ensures no deformation with minimal modification of the metallurgical characteristics of the joints.
vision.COLD software is also an excellent solution for welding open gap joints.



ADVANTAGES

- Welding of high carbon and highly alloyed steel thin sheets
- High speed in welding joints versus traditional short arc MIG/MAG
- Very contained damage to zinc coated layer in Mig Brazing
- Significant reduction of heat input in welding joints with minimal deformation of the workpieces
- Lack of spatters and projections during the short circuit phase
- Vertical up or vertical down welding with perfect edge joints

APPLICATIONS

- Welding of thin thickness laminations with low heat transfer
- Open gap joints in all positions
- MIG brazing with low heat transfer
- Welding of stainless steel

FRONT

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