



PIPE FIRST ROOT PASS AND OPEN GAP MIG/MAG WELDING

vision.PIPE is the innovative MIG/MAG process developed by CEA for first root pass whenever butt-joining pipes in all positions. The supplied vision.PIPE synergic programs grant extremely high quality performance with an optimized arc for welding pipes in a precise and safe way also whenever having to deal with larger size open gap joints. vision.PIPE process enables to replace MMA and TIG processes with a far shorter welding time. vision.PIPE package is also an ideal solution for welding laminations with open gap joints.

ADVANTAGES

- ▶ Perfect and safe welding in first root pass
- ▶ Far higher welding performance speed versus TIG & MMA processes
- ▶ Precise arc control in welding pipes and laminations with any thickness and in all positions
- ▶ Significant reduction of heat input in welding joints
- ▶ Possibility of first root pass welding without any backing
- ▶ Less care in edge bevelling preparation prior to welding
- ▶ Easy welding process, easy to learn and use
- ▶ No longer obligation of employing highly qualified personnel as imposed by TIG and MMA processes
- ▶ Welding process continuity
- ▶ Vertical up or vertical down welding with perfect edge joints

APPLICATIONS

- ▶ Pipe first root pass
- ▶ Welding open gap laminations on all positions.

