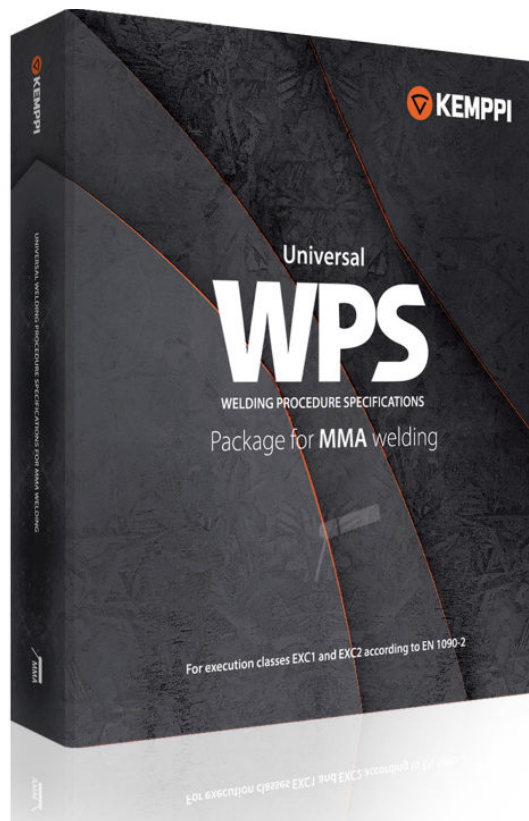


Universal WPS for stick (MMA) welding

WELDING ON WORK SITES



Universal WPS for stick (MMA) welding



COMPREHENSIVE PACKAGE CONTAINING 28 MMA WPSS WHICH ARE COMPATIBLE WITH ALL MMA WELDING MACHINES

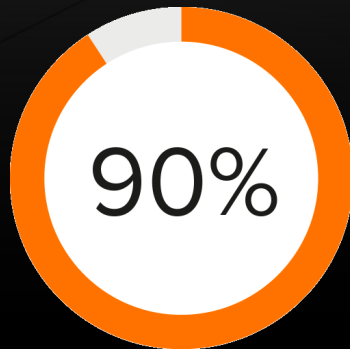
Kemppi's universal WPS package for stick (MMA) welding is based on customer needs. This package contains all of the necessary welding procedure specifications compatible with all stick (MMA) welding machines in an easy to understand format. When impact requirements are specified and no impact testing has been performed, our WPSs for stick (MMA) welding can be used for thicknesses under 12 mm with consumables of class ISO 2560-A E 42 4 B 42 H5. Even if the thickness is greater than 12 mm, they can be used with filler materials Esab OK 48.00, Bohler FOX EV 50, and Elga P48 S. We have carried out impact toughness tests for those filler materials. Kemppi standard welding procedure specifications may not cover some special applications, such as fillet welds that are subject to transverse stress.

When you buy a Universal WPS package, you get a binder containing the printed WPS documents and other related material. Also a USB memory stick is included with useful information and links to Kemppi WPS Web services. You will also be delivered a registration key that provides you with an access to Kemppi WPS Administration site where you can see your WPS documents and the WPQR documents associated with them.

You can buy the Universal WPS for Stick (MMA) welding directly from [Kemppi Channel](#) or from Kemppi [dealers and distributors](#).

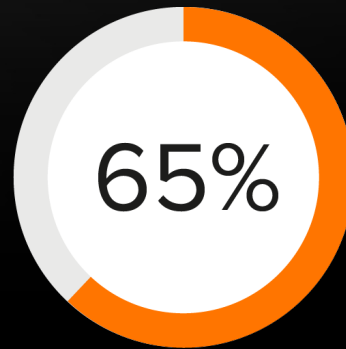


KEY BENEFITS



SAVINGS IN TIME

when you purchase and access
a ready-made WPS package



SAVINGS IN WPS CREATION

by purchasing a ready-made
WPS package

BENEFITS

- Savings in time and money
- No need to acquire special expertise
- All WPS packages are suitable for all brands of welding machine adhering to the standards ISO 15612 and ISO 15614
- The WPSs are also valid when impact-strength requirements apply
- The WPSs for Stick (MMA) offer practical information for welding truss connections



BENEFITS



SAVE TIME

Time is money—and now you can save it by buying the Kemppi Universal WPS package for Stick (MMA) welding. We have carried out all the necessary welding procedure specification tests, monitored and approved by the notified body inspector, to ensure that our WPSs help you to meet the standards and requirements you need. You can now have them at your fingertips with a few simple clicks.

Example calculation: When a company needs a WPS, the welding coordinator has to plan what welding procedure tests need to take place, after which the welding coordinator and the welder look for the optimal parameters. Next the coordinator should write a pWPS, after which they can start the welding procedure test. After hours and hours of testing, WPS is ready. This takes the welding coordinator and the welder 22 hours on average. If these tests are not accepted by the inspecting parties, the procedure will start over, causing the company delays and more costs. Kemppi will provide you with a solution in less than 2 hours, saving you 90 % of the time, and you can have your welders welding quicker than ever!



SAVE MONEY IN WPS CREATION

Kemppi's Universal standard WPS package for Stick (MMA) welding can save you and your company money. We have carried out all the necessary welding procedure specification tests, monitored and approved by the notified body inspector, to ensure that our WPSs help you to meet the standards and requirements you need. Our professional welders rigorously searched for the best setups, and have used them to perform test welds for several hours, so you can enjoy the ready-made WPSs.

Example calculation: A company needs two welding procedure tests for fillet welds and two for butt welds. The overall cost for carrying out the tests includes materials, testing, labor, and inspection costs. In addition, it isn't always guaranteed that these tests and procedures will be approved by the inspectors. Kemppi's Universal WPS package for Stick (MMA) welding includes all the necessary documents a company needs so you only need to buy one package. The average saving when you account for all those costs is 65 %.

WWW.KEMPPI.COM

Kemppi is the pioneering company within the welding industry. It is our role to develop solutions that make you win business. Headquartered in Lahti, Finland, Kemppi employs over 800 welding experts in 17 countries and has a revenue of more than 150 MEUR. Our offering includes welding solutions - intelligent equipment, welding management software and expert services - for both demanding industrial applications and ready-to-weld needs. Local expertise is available via our global partner network covering over 60 countries.

