




# FastMig X

Get ready for the **best welds** of your life



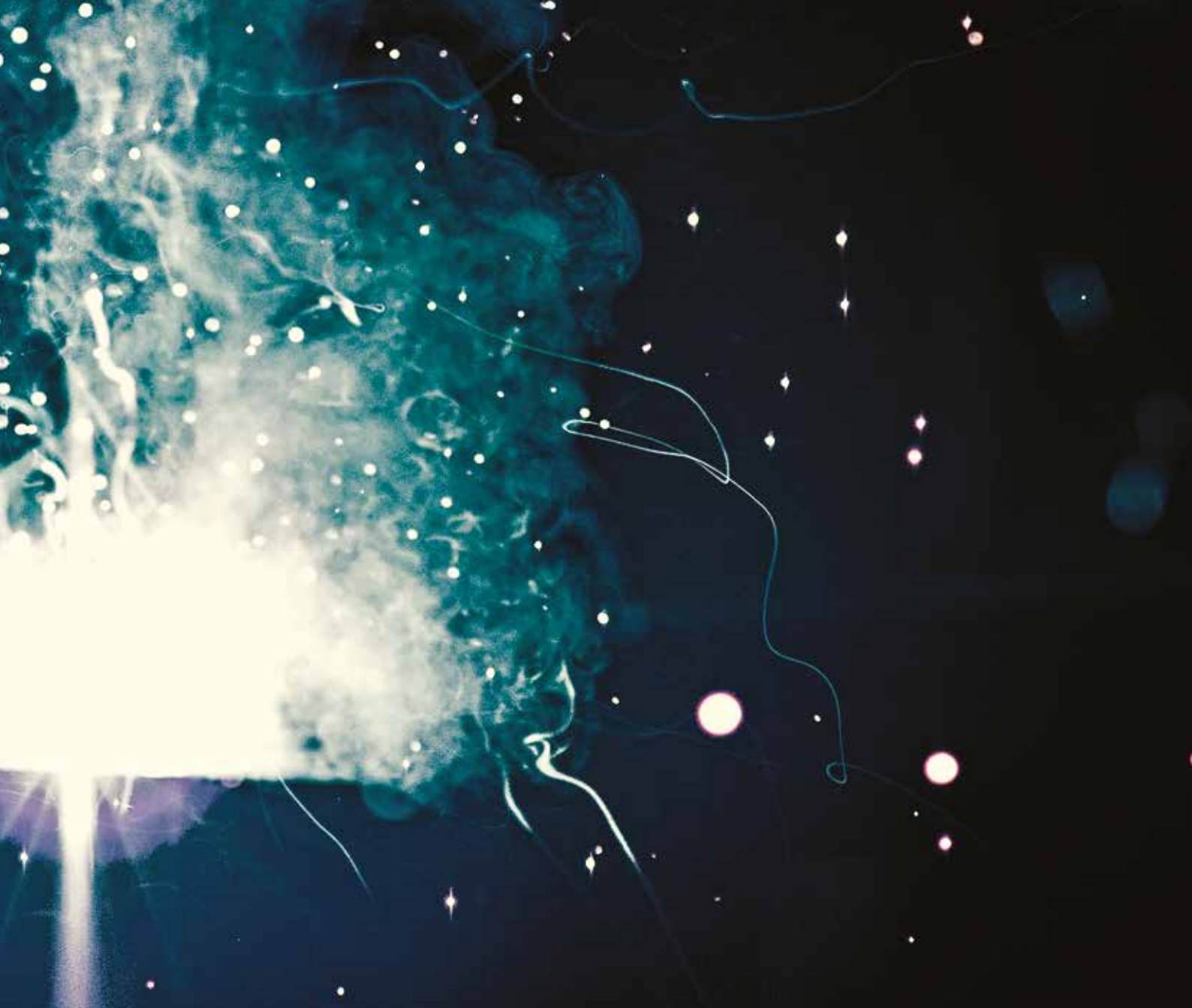
Kemppi's FastMig X is your trusted professional friend, whether you are looking for a highly specialized expert machine for any demanding tasks or a multi-purpose all-round set of welding tools for various welding environments.

# New Standard of Professional Excellence

If you want to be on top of your game, want to be the best in what you are doing, you need to have technological edge that guarantees your professional excellence. With renewed, even more intelligent, FastMig X Kemppi presents you a new black line of highest-class pulse welding solutions for demanding industrial applications.

Learn more

[www.fastmigx.kemppi.com](http://www.fastmigx.kemppi.com)



- **Superior Productivity**  
Stop wasting time and materials and start profiting more.
- **Limitless Flexibility**  
Never let your equipment determine what you can or can't do. Whatever you weld, choose FastMig X.
- **Phenomenal Quality**  
Get ready for the best welds of your life.
- **Outstanding Durability**  
Stop less, weld more, produce more, and profit more.

# Perfect Match

In the field of high-quality multi-process welding, whatever your needs may be, FastMig X is what you are looking for. FastMig X is not one standard machine. It's a flexible setup of high-quality components, always selected to precisely match your welding needs.

## for robust workshop use

**Need:** Efficient MIG/MAG welding including pulsed arc



## for pipe welding

**Need:** High-quality welding on pipes and plates - from root to the top



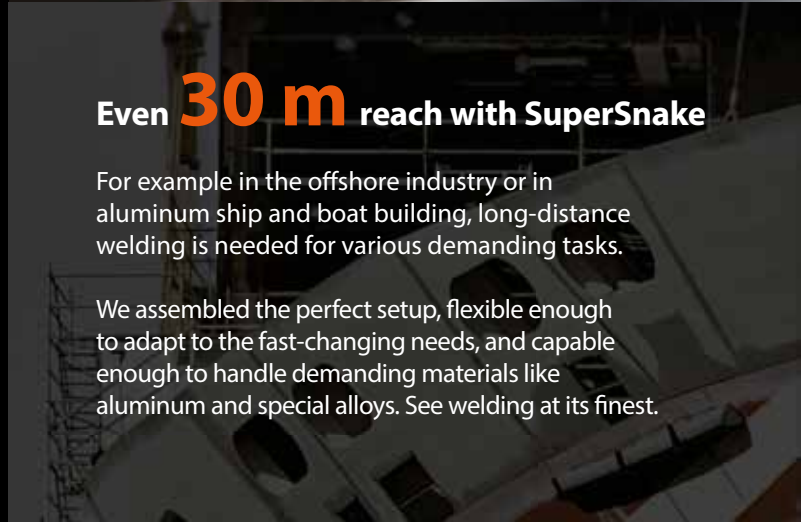
## for diverse welding

**Need:** High strength steel, special alloys and aluminum welding for demanding welding applications

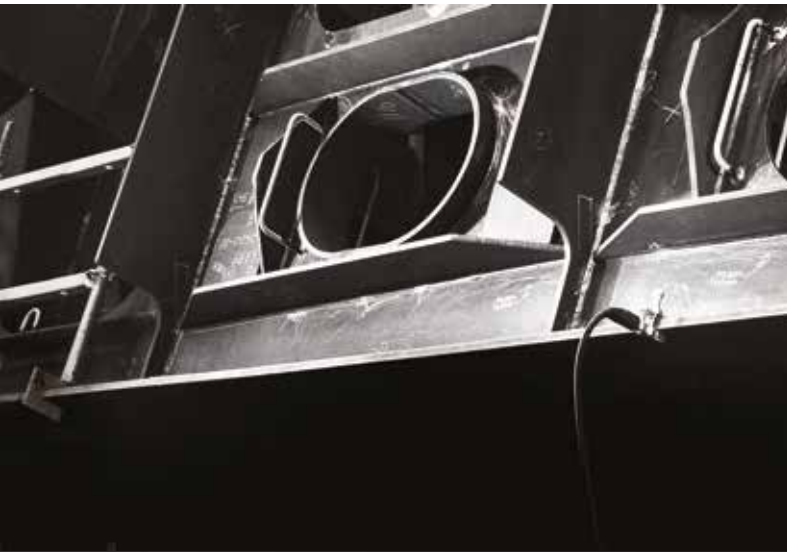
## Even **30 m** reach with SuperSnake

For example in the offshore industry or in aluminum ship and boat building, long-distance welding is needed for various demanding tasks.

We assembled the perfect setup, flexible enough to adapt to the fast-changing needs, and capable enough to handle demanding materials like aluminum and special alloys. See welding at its finest.







## Weld with **25%** lower heat input

Robust workshops, for example in heavy machinery manufacturing and rolling stock manufacturing, need reliable MIG/MAG welding for various demanding applications. We assembled the perfect setup for high-quality pulse welding that saves energy, time and money. See how to raise productivity and quality of basic pulse welding to a new level.

## **5** times faster than TIG

In pipe welding, the quality demands are high and productivity expectations can be even higher. When we are talking about thousands and thousands of welds in oil & gas pipelines, water pipelines or pressure vessels, even a small increase in quality and productivity will count – and we promise you a big one.



# Sample Setups

FastMig X is a modular system; therefore the final setup is always configured to meet your needs, what ever they are: materials from mild steel to special alloys, from thin sheets to thick plates, conditions from hot to cold, working environments from workshops to installation sites. Amazing range of welding programs, easy adjustability and upgradability allow fast response to changing needs, leading to less waiting, less adjusting and more profitable welding.

## Sample setup for robust workshop use

- FastMig X 450 Power source (alternatively 350/350 MV)
- WFX 300 Wire feeder (alternatively 200)
- Cool X Cooling unit



### Special processes and welding program packs:

WiseFusion  
WorkPack

### Welding processes:

MIG/MAG  
Synergic MIG  
Pulse MIG  
Double Pulse MIG  
TIG (with add-on)  
Stick (MMA)

## Sample setup for pipe welding

- FastMig X 450 Power source (alternatively 350/350 MV)
- Wire feeders for either steel (Fe) or stainless steel (Ss) welding, WFX 200 P Fe/Ss or WFX 300 P Fe/Ss.
- Cool X Cooling unit



### Special processes and welding program packs:

WiseRoot+  
WiseFusion  
Pipe Steel pack included in the Fe feeders  
Pipe Stainless pack included in the Ss feeders  
Match Log

### Welding processes:

MIG/MAG  
Synergic MIG  
Pulse MIG included in the Ss feeders  
Double Pulse MIG included in the Ss feeders  
TIG (with add-on)  
Stick (MMA)

## Sample setup for diverse welding

- FastMig X 450 Power source (alternatively 350/350 MV)
- WFX 300 AMC Wire feeder (alternatively WFX 200 AMC)
- Cool X Cooling unit
- Arc Mobile Control



### Special processes and welding program packs:

WiseThin+  
WisePenetration  
WiseFusion  
Match Log  
Steel pack  
Steel pack for WiseThin+  
Stainless pack  
Aluminum pack

### Welding processes:

MIG/MAG  
Synergic MIG  
Pulse MIG  
Double Pulse MIG  
TIG (with add-on)  
Stick (MMA)

### Special processes



### Special tools



### Welding programs & functions



### Welding Management Software



#### Download technical info

[www.fastmigx.kemppi.com](http://www.fastmigx.kemppi.com)

### Benefits

- Kemppi ARC System 3 compatibility: easy and exact production and quality management
- Save filler metal - the high energy density of the arc allows to use narrower groove
- More efficient welding - finished even 30 % faster
- Even 25 % lower heat input, less deformations
- Less spatter thus less repairs and post welding costs
- Light mechanization enabled with MagTrac welding carriage compatibility: up to 5 times fast than fully manual welding
- Easy to keep welding parameters inside WPS requirements with exact arc voltage measurement
- Focused arc – small weld pool size – easier to weld in all positions
- Inverter technology alone can save energy even 40 %



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### Benefits

- Kemppi ARC System 3 compatibility: easy and exact production and quality management
- 5 times faster than TIG welding
- Weld over 80 % per day and save 50 % in labor and filler costs with WiseRoot+ (see calculation)
- Optimal weld penetration and shape in all positions
- No spatter, less after-work
- Stable process easy to handle: welder's skills less critical
- Faster parameter change with MatchLock during welding: more speed & productivity
- Double feeder option for higher productivity with fewer equipment
- Less deformations, less straightening work: time saving
- Easy to keep welding parameters inside WPS requirements with exact arc voltage measurement



#### Download technical info

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### Benefits

- Kemppi ARC System 3 compatibility: easy and exact production and quality management
- Designed to meet the diverse needs of any metal fabrication workshop
- Wide range of applications with one equipment: smaller investment costs, more turnover, more efficient production
- Optimized welding properties for sheet metal and plates, all positions and materials, mixed gases and CO<sub>2</sub>
- Even 40% lower shielding gas costs with WiseThin+ process
- Set up, copy and adjust welding settings with Arc Mobile Control solution
- Safe and easy back-up of welding setting files
- Supersnake subfeeder offers the best reach on the market, up to 35 m
- Easy to keep welding parameters inside WPS requirements with exact arc voltage measurement





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