



## CONFIGURATION EXAMPLE #1 AX STEEL

Non-alloy steels are still widely used in industrial production. Currently, production of details made of mild steel can be even faster thanks to the use of robotic stations.

Moreover, it's also possible due to the use of special highly efficient welding processes implemented into welding equipment, as well as the possibility of continuous development of these units by uploading new welding curves allowing for even greater efficiency while maintaining high-quality. .

### Typical industry segments:

- shipbuilding
- offshore
- general industry
- machine manufacturing
- containers manufacturing

Example of AX MIG Welder configuration for steel welding (for reference only):

Device Pack		AX 500 FE
Power Source	X5110500000	X5 500 Power Source
Cooler	X5620000000	X5 Cooler 1400
Wire Feeder	RX20150025L	R500 Euro Wire Feeder
	F000373	FE (MC/FC) V1.0 HD
	SP800714	WF Bracket ABB IRB 1600 ID
	W022035	R500 Wire Feeder Bracket, Long
Robot Connectivity Module	RX311000000	RCM+
	RX7011200	M40 EtherNet/IP RJ45 2
Interconnection Cable	6260459	Robot 70-5-WH Cable shoe
Wire Conduit	SP600535	Wire conduit-1.8M Robot
Spool	W005189	Female connector for the wire drum or spool holder
	W007629	Wire Spool Support, Left
	SP007940	Plastic cover for wire spool holder
	W007356	Floor stand for wire spool holder
Cable Assembly	SP600721	Cable Assembly T1 W ABB IRB 1660ID Euro
	SP600725	Steel Liner 1,6/4,6 2M Robot Eu
Flange	SP600581	Flange T1 ABB IRB 1600 ID
Gun Mount	SP600588	Robot Gun Mount T1 W
Gun Neck	SP600551B	Gun Neck 500-W 22°, Short

Note: For robotic welding guns and accessories – please see Kemppi “Robotic Welding Gun” product catalogue.

Welding software may be chosen from a wide range of welding curves (incl. Max and Wise processes and functions), depending on applications and production targets, in relation to used hardware configuration.