

PIPE AND TANK INDUSTRY

PRODUCT GUIDE



TIG/STICK



MAXSTAR® 161

- Jobsite MRO where portability is key
- Sanitary stainless steel where final install is TIG
- On-site MRO stick welding
- TIG is the primary process
- Auto-Line™ flexibility allows operation on 120 to 240 V, single-phase



MAXSTAR® 210

- Precision DC applications
- More arc control, and higher duty cycle
- Wide variety of input voltages may be required (shop or field)
- TIG is the primary process
- Auto-Line™ flexibility allows operation on 120 to 480 V, single- and three-phase



MAXSTAR® 280

- Precision DC applications
- Industrial pipe and tank applications where portability is required
- TIG is the primary process
- Auto-Line™ flexibility allows operation on 208 to 575 V, single- and three-phase
- Multiprocess variant is available



CST™ 280

- Designed for stick/TIG welding pipe and plate in the construction industry
- Industrial pipe and tank applications where portability is required
- Applications where contact-start TIG and manual gas control is acceptable



MAXSTAR® 400 and 800

- Industrial DC shop applications
- High weld time and duty cycle are required
- TIG is the primary process
- Auto-Line™ flexibility allows operation on 208 to 575 V, single- and three-phase
- Ideal for automation

MULTIPROCESS



XMT® 350 CC/CV

- True multi-market machine with applications in manufacturing, fabrication, construction, education, shipbuilding and MRO
- Auto-Line™ flexibility allows operation on 208 to 575 V, single- and three-phase
- Simple user interface allows operators to get it right the first time



XMT® 350 FIELDPRO™

- Field welding applications
- ArcReach® – Don't Walk Weld™ productivity enhancement
- Non-residential construction sites, infrastructure, shipbuilding and MRO applications
- Auto-Line™ flexibility allows operation on 208 to 575 V, single- and three-phase
- MIG, stick and Lift-Arc™ TIG capabilities, and advanced RMD® and pulsed MIG processes with ArcReach® Smart Feeder



XMT® 350 FIELDPRO™ WITH POLARITY REVERSING

- Field welding applications
- ArcReach® – Don't Walk Weld™ productivity enhancement
- Pipe welding and pipefitting work in field applications, petrochemical plant, power plant and boiler work
- Auto-Line™ flexibility allows operation on 208 to 575 V, single- and three-phase
- MIG, stick and Lift-Arc™ TIG capabilities, and advanced RMD® and pulsed MIG processes with ArcReach® Smart Feeder



PIPEWORX 400 WELDING SYSTEM

- Shop welding applications
- Everything you need to weld open root, fill/cap on pipe and vessels
- Fast process changeover, with optimized stick and TIG welding capabilities
- Advanced process capabilities with RMD® and pulsed MIG, providing quality and productivity enhancements

SUBMERGED ARC



SUBARC DIGITAL SERIES

- Choice of either DC or AC/DC applications, two interface controls, one wire drive motor and a range of accessories
- Digital process control technology
- Highly reliable thyristor power regulation
- Digital control and communication electronics improve weld performance and simplify the integration of the equipment in more advanced applications



PIPE AND TANK INDUSTRY PRODUCT GUIDE

		DC TIG	Stick	Pulsed			TIG Material Thickness Range	Max. Electrode Diameter				Wire Diameter Capacity	Net Weight	Input Power
				MIG	MIG	RMD		E6010/11	E6013	E7018	E7024			
TIG/Stick	MAXSTAR® 161	●	●				.020-3/16 in.	5/32	1/8	1/8		13 lb. (5.9 kg)	120-240 V, 1-phase	
	MAXSTAR® 210	●	●				.002-1/4 in.	3/16	3/16	5/32	5/32	38 lb. (17.2 kg)	120-480 V, 1- or 3-phase	
	MAXSTAR® 280	●	●	●			.004-3/8 in.	7/32	3/16	3/16	3/16	.030-3/32 in.	208-575 V, 1- or 3-phase	
	CST™ 280	●	●				.004-3/8 in.	7/32	3/16	3/16	3/16		208-575 V, 1- or 3-phase	
	MAXSTAR® 400	●	●				.012-5/8 in.	5/16	5/16	1/4	1/4		134 lb. (61 kg)	208-575 V, 1- or 3-phase
	MAXSTAR® 800	●	●				.020-1 in.	5/16	5/16	5/16	5/16		198 lb. (90 kg)	208-575 V, 1- or 3-phase
Multiprocess	XMT® 350 CC/CV	●	●	●			.050-5/8 in.	1/4	1/4	7/32	7/32	.030-3/32 in.	80 lb. (36.3 kg)	208-575 V, 1- or 3-phase
	XMT® 350 FIELDPRO™	●	●	●	●*	●*	.050-5/8 in.	1/4	1/4	7/32	7/32	.030-3/32 in.	93 lb. (42.2 kg)	208-575 V, 1- or 3-phase
	XMT® 350 FIELDPRO™ w/POLARITY REVERSING	●	●	●	●*	●*	.050-5/8 in.	1/4	1/4	7/32	7/32	.030-3/32 in.	93 lb. (42.2 kg)	208-575 V, 1- or 3-phase
	PIPEWORX 400 WELDING SYSTEM	●	●	●	●	●	.050-5/8 in.	1/4	1/4	1/4	1/4	.035-.062 in.	225 lb. (102 kg) (power source only)	230/460 V or 575 V, 3-phase
Sub Arc			Submerged Arc		Electroslag		Rated Output			Wire Diameter Capacity		Net Weight	Input Power	
	SUBARC DC 650 DIGITAL		●		●		650 A at 44 V, 100% Duty Cycle			1/16-5/32 in.		593 lb. (269 kg)	230/460/575 V 3-phase	
	SUBARC DC 1000 DIGITAL		●		●		1,000 A at 44 V, 100% Duty Cycle			1/16-5/32 in.		682 lb. (309 kg)	230/460/575 V, 3-phase	
	SUBARC AC/DC DIGITAL		●		●		1,000 A at 44 V, 100% Duty Cycle			1/16-5/32 in.		1,187 lb. (538 kg)	460 V, 3-phase	



CAPABILITY: ● All models ○ Some models *With ArcReach Smart Feeder.