



# 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
- 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™ 282

- Designed for stick/TIG welding pipe and plate in the construction industry
- Industrial pipe and tank applications where portability is required
- Applications where Lift-Arc™ TIG and manual gas control is acceptable
- Available in racks



#### MAXSTAR® 400

- 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 600 V, single- and three-phase
- Ideal for automation

### MULTIPROCESS



#### XMT® 400 ARCREACH®

- 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
- Available in racks



#### 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

### ADVANCED PROCESS FEEDER



#### ARCREACH® SMART FEEDER

- Field application
- Everything you need to weld open root, fill/cap on pipe and vessels
- Weighs only 50 lb. (23 kg)
- Advanced process capabilities with RMD® and pulsed MIG
- Requires an XMT® 400 ArcReach® or XMT® 650 ArcReach® connected to three-phase power or a compatible ArcReach®-equipped engine drive

### SUBMERGED ARC



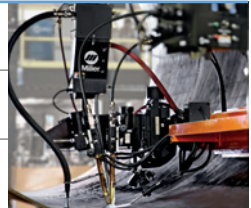
#### SUBARC DIGITAL SERIES

- 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



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		DC TIG	STICK	MIG	PULSED MIG	RMD®	TIG MATERIAL THICKNESS RANGE	MAX. ELECTRODE DIAMETER				WIRE DIAMETER CAPACITY	NET WEIGHT	INPUT POWER	
							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-ph		
	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-ph		
	MAXSTAR® 280	+	+	✚ <sup>1</sup>			.004–3/8 in.	7/32	3/16	3/16	3/16	.030–3/32 in.	47 lb. (21.3 kg)	208–575 V, 1- or 3-ph	
	CST™ 282	+	+				.004–3/8 in.	7/32	3/16	3/16	3/16		35 lb. (15.7 kg)	208–575 V, 1- or 3-ph	
	MAXSTAR® 400	+	+				.012–5/8 in.	5/16	5/16	1/4	1/4		126 lb. (57 kg)	208–600 V, 1- or 3-ph	
MULTIPROCESS	XMT® 400 ARCREACH®	+	+	+	✚ <sup>2</sup>	✚ <sup>2</sup>	.050–5/8 in.	1/4	1/4	7/32	7/32	.035–.062 in.	75 lb. (34 kg)	208–575 V, 1- or 3-ph	
	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	
		SUBMERGED ARC		ELECTROSLAG		RATED OUTPUT			WIRE DIAMETER CAPACITY		NET WEIGHT		INPUT POWER		
SUB ARC	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-ph	
	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-ph	
	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-ph	



**CAPABILITY:** ✚ Some models + All models <sup>1</sup>Multiprocess model with ArcReach® SuitCase® Feeder. <sup>2</sup>With ArcReach® Smart Feeder (see front page for more information).