

# A5 MIG Orbital System 1500



## BENEFITS

- Increased welding productivity
- Pre-defined programs for different pipe sectors
- Two separate wirefeeders can be connected, to be used at different times
- Use of WiseRoot+ means no slag or spatter
- Carriage can also be used for horizontal and vertical joints with or without weaving
- Simultaneous control of carriage programs and power source channels makes control easy
- One button for starting, stopping, and changing the welding parameters
- Light and durable Remote Control Unit makes operation simple and fast
- Accurate speed control and two drive motors
- Multiple weaving patterns possible with integrated Weaving Unit
- Flexible adjustment of the tilt and push/pull angle enabled by the welding gun holder
- Only one power cable needed

## TECHNICAL SPECIFICATIONS

### FastMig X 450 Power source

Product code	6103450
Connection voltage 3~ 50/60 Hz	400 V, (-15...+20%)
Fuse (delayed)	35A
Minimum generator power	35 kVA
Output 60% ED	450 A
Output 100% ED	350 A
Open circuit voltage MMA	U <sub>0</sub> = 70-98 V U <sub>av</sub> = 50 V
Open circuit voltage MIG/MAG	U <sub>0</sub> = 80 - 98 V
Operating temperature range	-20 ... +40 °C
External dimensions LxWxH	590 × 230 × 430 mm
Degree of protection	IP23S
Standards	IEC 60974-1, IEC 60974-5, IEC 60974-10

### WFX 300 P-T Wire feeder

Product code	6103535
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**WFX 300 P-T Wire feeder**

Output 60% ED	520 A
Output 100% ED	440 A
Wire feed mechanism	GT04
Gun connection	Euro
Filler wire sizes (Ss)	0.6 - 2.0 mm
Filler wire sizes (Al)	0.8 - 2.4 mm
Filler wire sizes (Fe)	0.6 - 2.0 mm
Filler wire sizes (Cored wire)	0.8 - 2.4 mm
Wire feed speed	0.5 - 25 m/min
Software	WiseFusion WiseRoot+ MatchLog Pipe Steel pack Fe (25pcs) Pipe Stainless pack Ss (17pcs)
Operating temperature range	-20 ... +40 °C
External dimensions LxWxH	590 × 240 × 445 mm
Degree of protection	IP23S
Standards	IEC 60974-5
Wire spool weight, max.	20 kg
Weight (empty)	13.1 kg
Wire spool diameter, max.	300 mm

**A5 MIG Orbital Welding Carriage 1500**

Product code	6190715 6190735 (-ES model)
Carriage speed	5 - 150 cm/min
Input power	30 - 55 V DC or 24 - 50 V AC
Transport speed	200 cm/min
Weaving speed	10 - 50 mm/s
Weaving width	0 - 30 mm
Weaving displacement	± 40 mm
Dwell time (Adjustable on both sides separately)	0 - 2.0 s
Weaving patterns	3
Torch horizontal adjustment (manual)	± 40 mm
Weight	9.0 kg
External dimensions (Height from pipe surface)	365 × 385 × 300 mm

Ring	Product code	Pipe/Tube outer diameter range (mm.)
RING FOR 6" PIPE DIAMETER	6190806	127 - 177
RING FOR 8" PIPE DIAMETER	6190808	178 - 228
RING FOR 10" PIPE DIAMETER	6190810	229 - 279
RING FOR 12" PIPE DIAMETER	6190812	280 - 330

Ring	Product code	Pipe/Tube outer diameter range (mm.)
RING FOR 14" PIPE DIAMETER	6190814	331 - 368
RING FOR 16" PIPE DIAMETER	6190816	432 - 420
RING FOR 18" PIPE DIAMETER	6190818	432 - 472
RING FOR 20" PIPE DIAMETER	6190820	482 - 533
RING FOR 22" PIPE DIAMETER	6190822	534 - 584
RING FOR 24" PIPE DIAMETER	6190824	584 - 635
RING FOR 26" PIPE DIAMETER	6190826	635 - 686
RING FOR 28" PIPE DIAMETER	6190828	686 - 736
RING FOR 30" PIPE DIAMETER	6190830	737 - 787
RING FOR 32" PIPE DIAMETER	6190832	787 - 838
RING FOR 34" PIPE DIAMETER	6190834	838 - 889
RING FOR 36" PIPE DIAMETER	6190836	889 - 939
RING FOR 38" PIPE DIAMETER	6190838	940 - 991
RING FOR 40" PIPE DIAMETER	6190840	991 - 1041
RING FOR 42" PIPE DIAMETER	6190842	1041 - 1092
RING FOR 44" PIPE DIAMETER	6190844	1092 - 1143
RING FOR 46" PIPE DIAMETER	6190846	1143 - 1194
RING FOR 48" PIPE DIAMETER	6190848	1194 - 1244
RING FOR 50" PIPE DIAMETER	6190850	1245 - 1295
RING FOR 52" PIPE DIAMETER	6190852	1296 - 1346
RING FOR 54" PIPE DIAMETER	6190854	1347 - 1397
RING FOR 56" PIPE DIAMETER	6190856	1397 - 1447
RING FOR 58" PIPE DIAMETER	6190858	1448 - 1498
RING FOR 60" PIPE DIAMETER	6190860	1499 - 1549
RING FOR 62" PIPE DIAMETER	6190862	1550 - 1600
RING FOR 64" PIPE DIAMETER	6190864	1601 - 1651
RING FOR 66" PIPE DIAMETER	6190866	1651 - 1701
RING FOR 68" PIPE DIAMETER	6190868	1702 - 1752
RING FOR 70" PIPE DIAMETER	6190870	1753 - 1803

#### MMT 42C

Product code	3 m - 6254205 4,5 m - 6254207
Cooling	Gas
Filler wires	0.8...1.6 mm
Load capacity, Ar + CO2 (100%)	350A