

# MIG, MAG & FCW

## WELDING EQUIPMENT



**MUREX** 



## Tradesmig 180-1, 210-1, 260-1 & 280-3



- Fully professional welding performance
- Sturdy robust undergear will support even the heaviest 70kg gas cylinders
- Superb welding characteristics with both Argon rich and 100% CO<sub>2</sub> gases
- 8/12 voltage steps provide fine control and a wide operating range
- Optional digital meter available
- Euroconnection for Murex MXE torch
- Separate work return cable
- Spot weld time control
- Packages supplied complete with Tradesmig power source, MIG torch, gas regulator and work return lead

### Ordering Information

<b>Tradesmig 180-1 Package &amp; Regulator</b>	<b>1416520</b>
<b>Tradesmig 210-1 Package &amp; Regulator</b>	<b>1416521</b>
<b>Tradesmig 260-1 Package &amp; Regulator</b>	<b>1416522</b>
<b>Tradesmig 280-3 Package &amp; Regulator</b>	<b>1416534</b>

### Associated Products

Tradesmig 180-1	349308040
Tradesmig 210-1	349308050
Tradesmig 260-1	349308060
Tradesmig 280-3	349308070
MXE 20-30	1415788
MXE 25-30	1415790
Work Return Lead	1409324
Arc 35L Regulator	1282684
Digital Meter Kit	349302598

Input	TM 180-1	TM 210-1	TM 260-1	TM 280-3
Nominal Voltage	240V	240V	240V	415V
Phase	1	1	1	3
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Fuse rating at supply voltage	13A	16A	32A	16A
Output				
Open circuit voltage	19.5-35.5	17.5-33.0	19.5-42.5	15.0-37.0
Welding range	30-180	30-210	40-260	40-280
20% duty cycle	170A	200A	250A	280A
30% duty cycle	139A	163A	200A	250A
60% duty cycle	98A	115A	140A	190A
Control Steps	8	12	12	10
Enclosure class	IP23	IP23	IP23	IP23
Wire dimension mm Fe	0.6-0.8	0.6-1.0	0.6-1.2	0.6-1.2
Al	1.0	1.0	1.0-1.2	1.0-1.2
Standard	EN60974-1	EN60974-1	EN60974-1	EN60974-1
Dimensions				
LxWxH mm	860x420x730	860x420x730	860x420x730	860x420x730
Weight kg (net)	59	68	94	89



# Transmig 300C & 350C



- Robust fully industrial compact MIG/MAG equipment
- Unsurpassed level of control provided by up to 40 (350C) voltage steps
- Two inductance outlets provide optimised arc control
- Small footprint makes both units ideal for production boothwork
- Polarity switching facility for cored wire applications
- Optional digital meters with last reading hold facility
- Excellent weld performance for mild steel, stainless and aluminium
- Spot welding timer control (300C)
- Torch switch latching control (350C)
- Packages supplied complete with Transmig (C) power source, MXA MIG torch, gas regulator and work return lead

Input	TM 300C	TM 350C
Nominal Voltage	380-440V	380-440V
Phase	3	3
Frequency	50/60Hz	50/60Hz
Fuse rating at supply voltage	16A	16A
Output		
Open circuit voltage	15-38	16-40
Welding range	30-300A	40-350A
30% duty cycle	280A	340A
60% duty cycle	190A	250A
100% duty cycle	150A	190A
Power Factor at max current	0.97	0.97
Efficiency at max current,%	71	75
Voltage steps	10	40
Inductance outlets	2	2
Enclosure Class	IP23	IP23
Application Classification	S	S
Dimensions		
HxWxD mm	830x425x840	830x425x840
Weight kg (net)	91	114

## Ordering Information

<b>Transmig 300C</b>	<b>1416523</b>
<b>Package &amp; Regulator</b>	
<b>Transmig 350C</b>	<b>1416524</b>
<b>Package &amp; Regulator</b>	

## Associated Products

Transmig 300C	349307690
Transmig 350C	349307660
MXA253 Mig Torch	1415030
MXA254 Mig Torch	1415031
MXA263 Mig Torch	1415032
MXA264 Mig Torch	1415033
Arc 35L Regulator	1282684
Work Return Lead	1409320
Digital Meter Kit	349302598





# Transweld Challenger 400



- Ideal for welding applications within the general steel fabrication sector
- Available with or without digital meters
- Supplied complete with fitted undergear
- Equipped with wire inch and gas purge
- Suitable for wire diameters 0.6mm to 1.6mm
- Electronically controlled feeding provides stable and consistent results
- Fitted with IEC 3 phase mains plug
- Packages supplied with Challenger 400 power source, Transmatic 4C wire feed unit, 5 metre interconnections and work return cable

Input	Transweld Challenger 400
Nominal Voltage	380-440V
Phase	3
Frequency	50/60Hz
Fusing	3x32A slow
Output	
Open circuit voltage	17-45V
Welding range	50-400A
50% duty cycle	400A
100% duty cycle	280A
Rating specification	400A/34V@50%
Standards	EN60974-1 EN50199
Dimensions	
HxWxL mm	925x552x812
Weight kg (net)	144

## Ordering Information

**Transweld Challenger 400 1416525**

**Package without meters**

**Transweld Challenger 400 1416527**

**Package meters**

### Associated Products

Challenger 400 349308110

Challenger 400+ Meters 349308120

Transmatic 4C + 5m 459495884

Interconnections

5m Cable Set 459532881

10m Cable Set 459532862

Digital Meter Kit 349302451

MXA363 Mig Torch 1415032

MXA364 Mig Torch 1415033

MXA403 Mig Torch 1412506

MXA404 Mig Torch 1412507





# Migpak 326S & 406S



- Excellence in MIG/MAG/FCW Welding
- Rugged, reliable and simple to use
- 40 Voltage selections and 2 inductances
- Supplied fitted with digital volt and ammeters with last reading hold facility
- Transmig 406S available with integral water cooling unit
- Supplied complete with factory fitted undergear
- Supplied with Transmatic Lynx wire feed units in two or four roll variants
- On demand fan and idle system minimises power demand
- Packages consist of Transmig power source, Transmatic wire feed unit, 5 metre interconnections and a MIG torch

## Ordering Information

Migpak 326S/Lynx 2/ MXE25-30	1416283
Migpak 326S/Lynx 4HD/ MXA-364B	1416284
Migpak 406S/Lynx 2/ MXA363B	1416285
Migpak 406S/Lynx 4HD/ MXA404	1416286
Migpak 406SW/Lynx 4HD/ MXW354SC	1416287

## Associated Products

Transmig 326S Power Source	1416280
Transmig 406S Power Source	1416281
Transmig 406SW Power Source	1416282
Transmatic Lynx 2 Wire Feed Unit	1415973
Transmatic Lynx 4HD Wire Feed Unit	1415974
5 Metre Interconnections	1415285
10 Metre Interconnections	1415286
15 Meter Interconnections	1415287
Water Adaptor Kit	1413647
Water Hose 6.5m*	1414015
MXA363 Mig Torch	1415032
MXA364 Mig Torch	1415033
MXA403 Mig Torch	1412506
MXA404 Mig Torch	1412507
MXW354SC Mig Torch	1415551

\* 2 required

Input	326S	406S/SW
Nominal Voltage	380-440V	380-440V
Phase	3	3
Frequency	50/60Hz	50/60Hz
Fusing	3x16A slow	3x32A slow
Output		
Open circuit voltage	16-40V	17-45V
Welding range	40-330A	50-400A
60% duty cycle	250A	365A
100% duty cycle	195A	280A
Rating specification	320A/30V@30%	400A/34V@50%
Standards	EN60974-1 EN50199	EN60974-1 EN50199
Dimensions		
HxWxL mm	830x425x940	925x552x812
Weight kg (net)	111	144 (158 406sw)





# Migpak 423S(w) & 523S(w)



- Micro processor based, feedback controlled six thyristor bridge system
- Continuous voltage control provided on Transmatic Lynx 4EHD wire feed unit
- Solid stage contactor ideal for high output welding operations
- Three inductance outlets and an interphase reactor provide superb arc stability
- Feedback system ensures set arc voltage irrespective of cable lengths
- Available with integral water cooling unit
- Packages consist of Transmig power source, wire feed unit, 5m interconnections and MIG torch

Input	423S	523S
Nominal Voltage	380-415V	380-415V
Phase	3	3
Frequency	50/60Hz	50/60Hz
Output		
Open circuit voltage	53-58V	53-60V
Welding range	50-400A	50-500A
100% duty cycle	280A	400A
60% duty cycle	350A	500A
45% duty cycle	400A	
Voltage Control	continuous	continuous
Inductances	3	3
Enclosure Classification	IP23	IP23
Standards	EN 60974-1 EN50199	EN60974-1 EN50199
Efficiency	0.75	0.75
Power Factor	0.86	0.86
Dimensions		
LxWxH mm	800x640x835	800x640x835
Weight kg (net)	209	210

## Ordering Information

Migpak 423S/ Lynx 4EHD/MXA404	1416125
Migpak423SW/ Lynx4 EHD/MXW454SC	1416127
Migpak 523S/Lynx4 EHD/ MXA504	1416129
Migpak 523SW/ Lynx 4EHD/MXW554SC	1416131

## Associated Products

Transmig 423S Power Source	1416126
Transmig 423SW Power Source	1416128
Transmig 523S Power Source	1416130
Transmig 523SW Power Source	1416134
Transmatic Lynx 4EHD Water Adaptor Kit	1415975
Water Hose 6.5m*	1413647
Water Hose 12m*	1414015
5 Metre Interconnections	1415583
12 Metre Interconnections	1415335
25 Metre Interconnections	415336
MXA403 Mig Torch	1415337
MXA404 Mig Torch	1412506
MXA503 Mig Torch	1412507
MXA504 Mig Torch	1412515
MXW454SC Mig Torch	1412516
MXW554SC Mig Torch	1415553
MXW554SC Mig Torch	1415555

\* 2 required





# MIG Torches



**MXE**



**MXA**



**MXW**

- Excellent feedability
- Positive grip and finger control even when wearing gloves
- Flexible but tough coaxial cable assembly
- Liners for soft, hard and cored wires
- MXW 'Supercool' design provides enhanced consumable lifetime
- Full range of dip and spray nozzles

## Technical Specification & Ordering Information

MXE Light Duty Air Cooled Torches	Rating C02	Rating Argon	Part Number
MXE15-30 3m Length	150A 40% Duty Cycle	130A 30% Duty Cycle	1415645
MXE20-30 3m Length	200A 40% Duty Cycle	160A 30% Duty Cycle	1415788
MXE20-40 4m Length	200A 40% Duty Cycle	160A 30% Duty Cycle	1415789
MXE25-30 3m Length	250A 40% Duty Cycle	175A 30% Duty Cycle	1415790
MXE25-40 4m Length	250A 40% Duty Cycle	175A 30% Duty Cycle	1415791
MXA Heavy Duty Air Cooled Torches			
MXA153B Torch 3m Lead	150A 60% Duty Cycle	130A 60% Duty Cycle	1415331
MXA203B Torch 3m Lead	200A 60% Duty Cycle	160A 60% Duty Cycle	1412501
MXA204B Torch 4m Lead	200A 60% Duty Cycle	160A 60% Duty Cycle	1412502
MXA253B Torch 3m Lead	250A 60% Duty Cycle	175A 60% Duty Cycle	1415030
MXA254B Torch 4m Lead	250A 60% Duty Cycle	175A 60% Duty Cycle	1415031
MXA363B Torch 3m Lead	360A 60% Duty Cycle	250A 60% Duty Cycle	1415032
MXA364B Torch 4m Lead	360A 60% Duty Cycle	250A 60% Duty Cycle	1415033
MXA403 Torch 3m Lead	400A 60% Duty Cycle	270A 60% Duty Cycle	1412506
MXA404 Torch 4m Lead	400A 60% Duty Cycle	270A 60% Duty Cycle	1412507
MXA503 Torch 3m Lead	500A 60% Duty Cycle	325A 60% Duty Cycle	1412515
MXA504 Torch 4m Lead	500A 60% Duty Cycle	325A 60% Duty Cycle	1412516
MXW Supercool Water Cooled			
MXW354 SC 4m Lead	350A 60% Duty Cycle	275A 60% Duty Cycle	1415551
MXW454 SC 4m Lead	450A 60% Duty Cycle	350A 60% Duty Cycle	1415553
MXW554 SC 4m Lead	550A 60% Duty Cycle	450A 60% Duty Cycle	1415555



# Transmatic Lynx Wire Feed Units



- Tried and tested high torque motors
- Floor standing or swivel post mountable
- Operator accessible burn back control
- Wire acceleration control for optimised arc striking

	TRANSMATIC Lynx 2	TRANSMATIC Lynx 4HD	TRANSMATIC Lynx 4EHD
Supply	42Vac, 10A slow fuse	42Vac, 10A slow fuse	42Vac, 10A slow fuse
Speed Range	0 to 20m/min	0 to 20m/min	0 to 20m/min
Wire Diameters	0.8 to 1.6mm	0.8 to 2.0mm	0.8 to 2.4mm (3.2 with modification)
<b>Dimensions</b>			
LxWxH (mm)	550x225x370	550x225x370	550x225x370
Weight kg (net)	15	15	15

## Ordering Information

Transmatic Lynx 2 Wire Feed Unit	1415973
Transmatic Lynx 4HD Wire Feed	1415974
Transmatic Lynx 4EHD Wire Feed	1415975

*(all include 1.0/1.2 H rolls)*

## Optional Extras

Water Adaptor Kit	1413647
Reel Cover Kit	1413648
30kg Coil Holder	1413649
Mounting Kit	
30kg Coil Holder	153872880

## Further Information

### Contact Details

Murex Welding Products are available from a Nationwide Distributor Network. For further information about Murex Welding Products call us on: 01992 710000, visit your local Murex Distributor, or visit the Murex website: [www.murexwelding.co.uk](http://www.murexwelding.co.uk)

### Additional Material

In addition to arc welding and cutting equipment Murex Welding Products Limited also offer a comprehensive range of:-

- Gas Welding & Cutting Equipment
- Welding Consumables
- Welding Accessories

All Murex Products conform to the relevant legislation



### Murex Welding Products Limited

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