

# MMA WELDING EQUIPMENT SELECTION GUIDE



| Material                       | Electrode Dimension | Remote Control Outlet | Model               | Main Supply | Item No.     |
|--------------------------------|---------------------|-----------------------|---------------------|-------------|--------------|
| Mild Steel/<br>Stainless Steel | Ø 1.6-2.5mm         | No                    | Buddy™ Arc 145      | 1ph / 240V  | 0700 300 884 |
|                                | Ø 1.6-3.2mm         | No                    | Caddy® Arc 151i A31 | 1ph / 240V  | 0460 445 881 |
|                                |                     |                       | Buddy™ Arc 180      | 1ph / 240V  | 0700 300 680 |
|                                |                     | Yes                   | Caddy® Arc 151i A33 | 1ph / 240V  | 0460 445 883 |
|                                | Ø 1.6-4.0mm         | Yes                   | Caddy® Arc 201i A33 | 1ph / 240V  | 0460 445 884 |
|                                | Ø 1.6-5.0mm         | No                    | Caddy® Arc 251i A32 | 3ph / 400V  | 0460 300 880 |
|                                |                     | Yes                   | Caddy® Arc 251i A34 | 3ph / 400V  | 0460 300 881 |

# TIG WELDING EQUIPMENT SELECTION GUIDE



| Material                     | Thickness of Plate | Cooling | Model                  | Pulse / Remote Control Outlet | Item No.     |
|------------------------------|--------------------|---------|------------------------|-------------------------------|--------------|
| <b>DC TIG</b>                |                    |         |                        |                               |              |
| Mild Steel / Stainless Steel | <1.0mm             | Air     | Caddy® Tig 1500i TA34  | • / •                         | 0460 450 882 |
|                              |                    |         | Caddy® Tig 2200i TA34  | • / •                         | 0460 450 883 |
|                              |                    | Water   | Caddy® Tig 2200iw TA34 | • / •                         | 0460 450 885 |
|                              | 1.0-5.0mm          | Air     | Buddy™ Tig 160         | - / -                         | 0700 300 681 |
|                              |                    |         | Caddy® Tig 1500i TA33  | - / -                         | 0460 450 880 |
|                              |                    |         | Caddy® Tig 1500i TA34  | • / •                         | 0460 450 882 |
|                              | 1.0-7.0mm          | Air     | Caddy® Tig 2200i TA33  | - / -                         | 0460 450 881 |
|                              |                    |         | Caddy® Tig 2200i TA34  | • / •                         | 0460 450 883 |
|                              |                    | Water   | Caddy® Tig 2200iw TA33 | - / -                         | 0460 450 884 |
|                              |                    |         | Caddy® Tig 2200iw TA34 | • / •                         | 0460 450 885 |

| Material                             | Thickness of Plate                   | Cooling | Model                   | Pulse / Remote Control Outlet | Item No.     |
|--------------------------------------|--------------------------------------|---------|-------------------------|-------------------------------|--------------|
| <b>AC/DC TIG</b>                     |                                      |         |                         |                               |              |
| Aluminium (mild and stainless steel) | 0.5-5.5mm (Alu)<br>0.5-7.0mm (Fe/SS) | Air     | Caddy® Tig 2200i AC/DC  | • / •                         | 0460 150 883 |
|                                      |                                      | Water   | Caddy® Tig 2200iw AC/DC | • / •                         | 0479 100 263 |
|                                      | 1.0-5.5mm (Alu)<br>1.0-7.0mm (Fe/SS) | Air     | Caddy® Tig 2200i AC/DC  | - / •                         | 0460 150 882 |
|                                      |                                      | Water   | Caddy® Tig 2200iw AC/DC | - / •                         | 0479 100 264 |

# MIG/MAG WELDING EQUIPMENT SELECTION GUIDE



| Material                        | Type            | Wire Ø / Thickness of Plate        | Model               | Item No.        |              |
|---------------------------------|-----------------|------------------------------------|---------------------|-----------------|--------------|
| Mild Steel Solid Wire           | Compact         | 0.8mm / <6mm                       | Portable            | Caddy® Mig 160i | 0349 310 850 |
|                                 |                 |                                    |                     | Caddy® Mig 200i | 0349 312 030 |
|                                 |                 |                                    |                     | Origo™ Mig C151 | 0349 311 180 |
|                                 |                 |                                    | Origo™ Mig C170     | 0349 308 670    |              |
|                                 |                 |                                    | Origo™ Mig C250     | 0349 307 840    |              |
|                                 |                 |                                    | Origo™ Mig C250     | 0349 307 840    |              |
|                                 |                 | 1.0mm / <10mm                      | Origo™ Mig C280 PRO | 0349 312 520    |              |
|                                 |                 |                                    | Origo™ Mig C340 PRO | 0349 310 830    |              |
|                                 |                 | 1.0mm / <10mm<br>1.2mm / >10mm     | Origo™ Mig C340 PRO | 0349 310 830    |              |
|                                 |                 |                                    | Origo™ Mig C420 PRO | 0349 312 590    |              |
|                                 | Separate Feeder | 1.0mm / <10mm<br>1.2mm / >10mm     | 400A Advanced       | 0479 000 104    |              |
|                                 |                 |                                    | 400A Synergic       | 0479 000 007    |              |
| Mild Steel Flux-cored Wire      | Compact         | 1.0mm / <10mm<br>1.2-1.4mm / >10mm | Origo™ Mig C420 PRO | 0349 312 590    |              |
|                                 | Separate Feeder | 1.0mm / <10mm<br>1.2-1.4mm / >10mm | 400A Advanced       | 0479 000 104    |              |
|                                 |                 |                                    | 400A Synergic       | 0479 000 007    |              |
| Stainless Steel Solid Wire      | Compact         | 0.8mm / <6mm                       | Caddy® Mig C200i    | 0349 312 030    |              |
|                                 | Separate Feeder | 1.0mm / <10mm<br>1.2mm / >10mm     | 400A Pulse          | 0479 000 002    |              |
| Stainless steel Flux-cored Wire | Compact         | 1.0mm / <10mm<br>1.2-1.4mm / >10mm | Origo™ Mig C420 PRO | 0349 312 590    |              |
|                                 | Separate Feeder | 1.0mm / <10mm<br>1.2-1.4mm / >10mm | 400A Advanced       | 0479 000 104    |              |
|                                 |                 |                                    | 400A Synergic       | 0479 000 007    |              |
| Aluminium Solid Wire            | Compact         | 1.0mm / <6mm                       | Caddy® Mig C200i    | 0349 312 030    |              |
|                                 | Separate        | 1.0mm / <10mm                      | 400A Pulse          | 0479 000 002    |              |

**Note:** This selection guide should be viewed as a recommendation for the most common wire combinations. Smaller wire diameters can always be used and in most cases a larger diameter may be an option.