

# PRODUCT SPECIFICATION

**CKI:** Carl Kammerling  
International Ltd.

|                  |                    |
|------------------|--------------------|
| Brand            | C.K                |
| Product Range    | Redline VDE Pliers |
| Catalogue number | 341 & 39071        |
| Date             | 29/08/2008         |

|                                                                                                  |  |
|--------------------------------------------------------------------------------------------------|--|
| <b>Range Description</b><br>A range of VDE approved Professional Electricians Pliers and cutters |  |
|--------------------------------------------------------------------------------------------------|--|

## Range Features

- Certified & approved by the world renowned VDE institute of Germany
- Each tool is tested to 10,000v for the complete assurance of safety when working on live equipment up to 1000v AC
- GS (Gerprüfte Sicherheit) safety marked
- Ergonomic dual compound handle offering the perfect balance of grip and comfort
- Induction hardened and precision ground cutting edges for the ultimate in performance

### Access Pliers

A development of combination pliers specially designed to give Electricians:

1. Better access in tight situations
2. Effectively grips the square nuts of gutter screws used on cable management systems and control boxes
3. Hold pins and nails vertically for easy driving

### Combicutters

The combicutter range was developed following extensive research with professional electricians, and contains combinations of the three following key features

1. Wire stripping notches – quick and easy to use without the risk of cable damage
2. Wire bending anvil – a totally unique feature that makes doubling back wire quick, reliable and damage free
3. Patress screw shear – a auto aligning shearing hole that allows damage free cutting of patress screws

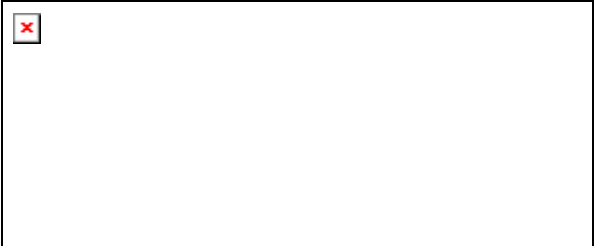
The range consists of 3 combicutters, top of the range is the **combicutter3** which has all three features making the job easier; quicker and damage free

The **combicutter2** features the patress screw shear but also has the benefit of wire stripping notches – idea for those who feel comfortable with wire bending but recognize the benefit of effortless and quick wire stripping

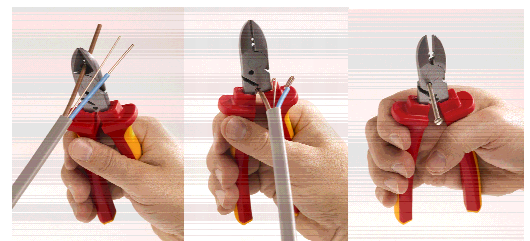
Copyright Carl Kammerling International Ltd



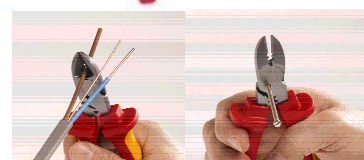
*Combination Pliers*



*Access pliers*



*Combicutter3*



| Item Number | Item Description                                                                                                                              | EAN No        | Commodity code | Carton Qty |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------|------------|
| 431001      | Redline VDE Combination pliers 165mm                                                                                                          | 5051074310019 | 82032090       | 3          |
| 431002      | Redline VDE Combination pliers 185mm                                                                                                          | 5051074310026 | 82032090       | 3          |
| 431003      | Redline VDE Combination pliers 205mm                                                                                                          | 5051074310033 | 82032090       | 3          |
| 431004      | Redline VDE Combicutter1 Side cutters 160mm                                                                                                   | 5051074310040 | 82032090       | 3          |
| 431005      | Redline VDE Side cutters 180mm                                                                                                                | 5051074310057 | 82032090       | 3          |
| 431006      | Redline VDE Heavy duty side cutter 175mm                                                                                                      | 5051074310064 | 82032090       | 3          |
| 431007      | Redline VDE Heavy duty side cutters 200mm                                                                                                     | 5051074310071 | 82032090       | 3          |
| 431008      | Redline VDE Combicutter3 Side cutters 160mm                                                                                                   | 5051074310088 | 82032090       | 3          |
| 431009      | Redline VDE Combicutter2 Side cutters 160mm                                                                                                   | 5051074310095 | 82032090       | 3          |
| 431012      | Redline VDE Wire stripping pliers 160mm                                                                                                       | 5051074310125 | 82032090       | 3          |
| 431013      | Redline VDE Snipe nose pliers 175mm                                                                                                           | 5051074310132 | 82032090       | 3          |
| 431014      | Redline VDE Snipe nose pliers 200mm                                                                                                           | 5051074310149 | 82032090       | 3          |
| 431015      | Redline VDE Bent nose pliers 200mm                                                                                                            | 5051074310156 | 82032090       | 3          |
| 431016      | Redline VDE Waterpump pliers 250m                                                                                                             | 5051074310163 | 82032090       | 3          |
| 431017      | Redline VDE Side cutters 160mm                                                                                                                | 5051074310170 | 82032090       | 3          |
| 431019      | Redline VDE Wire stripping Side cutters 160mm                                                                                                 | 5051074310191 | 82032090       | 3          |
| 431030      | Redline VDE Heavy duty cable cutters 165mm                                                                                                    | 5013969310320 | 82032090       | 3          |
| 431031      | Redline VDE Heavy duty cable cutters 210mm                                                                                                    | 5013969310313 | 82032090       | 3          |
| 331001      | Redline VDE Pliers and SensoPlus Screwdriver Kit 9 piece PZD, contains 431004, 431012, 431013, 341018, 341019, 341022, 341011, 341012, 440007 | 5051073310010 | 82060000       | 1          |
| 331002      | Redline VDE Pliers and SensoPlus Screwdriver Kit 9 piece PH, contains 431004, 431012, 431013, 341018, 341019, 341022, 341003, 341002, 440007  | 5051073310027 | 82060000       | 1          |
| 531008      | Combicutter3 counter box of 12 display                                                                                                        | 5013969310085 | 82032090       | 1          |
| T39071-1180 | Redline VDE combicutter1 max 180mm                                                                                                            | 5013969700169 | 82032090       | 3          |
| T39071-3180 | Redline VDE combicutter3 max 180mm                                                                                                            | 5013969700176 | 82032090       | 3          |
| T39077-180  | Redline VDE Access pliers 180mm                                                                                                               | 5013969701876 | 82032090       | 3          |

| Technical product information | <b>Cutting capacities</b> |                                             |                                   |          |        |
|-------------------------------|---------------------------|---------------------------------------------|-----------------------------------|----------|--------|
|                               |                           |                                             | Cutting Capacity mm diameter wire |          |        |
|                               |                           |                                             | Hard                              | Med/Hard | Soft   |
|                               | Item No                   | Description                                 | 2200MPa                           | 1600MPa  | 220MPa |
|                               | 431001                    | Redline VDE Combination pliers 165mm        | 1.6                               | 2.5      | >4.0   |
|                               | 431002                    | Redline VDE Combination pliers 185mm        | 1.6                               | 2.5      | >4.0   |
|                               | 431003                    | Redline VDE Combination pliers 205mm        | 2.0                               | 2.8      | >4.0   |
|                               | 431004                    | Redline VDE Combicutter1 Side cutters 160mm | 1.6                               | 2.5      | >4.0   |
|                               | 431009                    | Redline VDE Combicutter2 Side cutters 160mm | 1.0                               | 1.5      | >4.0   |

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                    | <div> <div>431008</div> <div>Redline VDE Combicutter3 Side cutters 160mm</div> <div>1.0</div> <div>1.5</div> <div>&gt;4.0</div> </div> <div> <div>431017</div> <div>Redline VDE Side cutters 160mm</div> <div>1.6</div> <div>2.5</div> <div>&gt;4.0</div> </div> <div> <div>431019</div> <div>Redline VDE Wire stripping Side cutters 160mm</div> <div>1.6</div> <div>2.5</div> <div>&gt;4.0</div> </div> <div> <div>431005</div> <div>Redline VDE Side cutters 180mm</div> <div>1.8</div> <div>2.3</div> <div>&gt;4.0</div> </div> <div> <div>431006</div> <div>Redline VDE Heavy duty side cutter 175mm</div> <div>2.0</div> <div>2.5</div> <div>&gt;4.0</div> </div> <div> <div>431007</div> <div>Redline VDE Heavy duty side cutters 200mm</div> <div>2.5</div> <div>3.0</div> <div>&gt;4.0</div> </div> <div> <div>431030</div> <div>Redline VDE Heavy duty cable cutters 165mm</div> <div>-</div> <div>-</div> <div>&gt;16.0</div> </div> <div> <div>431031</div> <div>Redline VDE Heavy duty cable cutters 210mm</div> <div>-</div> <div>-</div> <div>&gt;25.0</div> </div> <div> <div>431013</div> <div>Redline VDE Snipe nose pliers 175mm</div> <div>1.4</div> <div>2.0</div> <div>&gt;4.0</div> </div> <div> <div>431014</div> <div>Redline VDE Snipe nose pliers 200mm</div> <div>1.6</div> <div>2.0</div> <div>&gt;4.0</div> </div> <div> <div>431015</div> <div>Redline VDE Bent nose pliers 200mm</div> <div>1.6</div> <div>2.5</div> <div>&gt;4.0</div> </div> <div> <div>431012</div> <div>Redline VDE Wire stripping pliers 160mm</div> <div>-</div> <div>-</div> <div>0.3 to 5.0</div> </div> <div> <div>T39071-1180</div> <div>Redline VDE combicutter1 max</div> <div>1.8</div> <div>2.3</div> <div>&gt;4.0</div> </div> <div> <div>T39071-3180</div> <div>Redline VDE combicutter3 max</div> <div>1.8</div> <div>2.3</div> <div>&gt;4.0</div> </div> <div> <div>T39077-180</div> <div>Redline VDE Access pliers 180mm</div> <div>1.6</div> <div>2.5</div> <div>&gt;4.0</div> </div> |
| Standards compliance               | <p><b>Electrical safety</b><br/>Fully approved and independently audited by the German VDE institute to VDE 0682/201:2005 01<br/>IEC 60900:2004</p> <p><b>Dimensional and performance</b><br/>Side cutters – DIN ISO 5749<br/>Combination pliers – DIN ISO 5746<br/>Snipe and Bent nose pliers – DIN ISO 5745<br/>Waterpump pliers – DIN ISO 8976</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| User health and safety information | Users are advised to regularly examine their VDE tools, even the slightest damage to the insulated handles could compromise the insulation integrity and potentially expose the user to the risk of injury or even death                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| RoHS/WEEE compliance               | This product range does not fall within the scope of RoHS or WEEE regulations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Material safety data               | None applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Warranty                           | Redline VDE Pliers and cutters are guaranteed for life against imperfect materials or workmanship<br>Normal wear and tear or damage caused through inappropriate use is not covered                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Country of origin                  | Germany                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

## Dimensional details

|             | Product only |          |           |              | Product on primary packaging |          |           |                |
|-------------|--------------|----------|-----------|--------------|------------------------------|----------|-----------|----------------|
| Item        | Width mm     | Depth mm | Height mm | Net weight g | Width mm                     | Depth mm | Height mm | Gross weight g |
| 431001      | 60           | 25       | 165       | 185          | 60                           | 30       | 230       | 199            |
| 431002      | 65           | 25       | 180       | 217          | 65                           | 30       | 250       | 231            |
| 431003      | 60           | 25       | 207       | 297          | 60                           | 30       | 260       | 311            |
| 431004      | 55           | 25       | 165       | 182          | 55                           | 30       | 240       | 196            |
| 431005      | 65           | 25       | 190       | 236          | 65                           | 30       | 260       | 250            |
| 431006      | 65           | 25       | 180       | 251          | 65                           | 30       | 250       | 265            |
| 431007      | 65           | 25       | 210       | 306          | 65                           | 30       | 260       | 320            |
| 431008      | 55           | 25       | 165       | 182          | 55                           | 30       | 240       | 196            |
| 431009      | 55           | 25       | 165       | 187          | 55                           | 30       | 240       | 201            |
| 431012      | 60           | 25       | 170       | 176          | 65                           | 30       | 240       | 180            |
| 431013      | 60           | 25       | 180       | 168          | 65                           | 30       | 230       | 182            |
| 431014      | 65           | 25       | 210       | 201          | 65                           | 30       | 240       | 215            |
| 431015      | 60           | 30       | 205       | 202          | 65                           | 30       | 240       | 216            |
| 431016      | 75           | 30       | 245       | 374          | 75                           | 30       | 300       | 388            |
| 431017      | 55           | 25       | 165       | 182          | 55                           | 30       | 240       | 196            |
| 431019      | 55           | 25       | 165       | 184          | 55                           | 30       | 240       | 198            |
| 431030      | 70           | 25       | 170       | 199          | 70                           | 30       | 255       | 213            |
| 431031      | 70           | 27       | 225       | 319          | 70                           | 30       | 275       | 333            |
| 331001      | 250          | 50       | 345       | 1490         | 250                          | 50       | 345       | 1495           |
| 331002      | 250          | 50       | 345       | 1490         | 250                          | 50       | 345       | 1495           |
| 531008      | 55           | 25       | 165       | 182          | 55                           | 30       | 240       | 196            |
| T39071-1180 | 60           | 25       | 190       | 240          | 60                           | 30       | 260       | 254            |
| T39071-3180 | 60           | 25       | 190       | 240          | 60                           | 30       | 260       | 254            |
| T39077-180  | 60           | 25       | 180       | 230          | 60                           | 30       | 240       | 234            |

|        | Shelf box (secondary packaging) |          |           |                | Euro Pallet data<br>Wi x Hi |                     |
|--------|---------------------------------|----------|-----------|----------------|-----------------------------|---------------------|
| Item   | Width mm                        | Depth mm | Height mm | Gross weight g | No of cartons on base       | Number of rows high |
| 431001 | 80                              | 250      | 65        | 666            |                             |                     |
| 431002 | 80                              | 250      | 65        | 762            |                             |                     |
| 431003 | 90                              | 290      | 60        | 1020           |                             |                     |
| 431004 | 80                              | 250      | 65        | 657            |                             |                     |
| 431005 | 90                              | 290      | 60        | 837            |                             |                     |

|             |     |     |     |      |  |  |
|-------------|-----|-----|-----|------|--|--|
| 431006      | 80  | 250 | 65  | 864  |  |  |
| 431007      | 90  | 290 | 60  | 1047 |  |  |
| 431008      | 80  | 250 | 65  | 657  |  |  |
| 431009      | 80  | 250 | 65  | 672  |  |  |
| 431012      | 80  | 250 | 65  | 609  |  |  |
| 431013      | 80  | 250 | 65  | 615  |  |  |
| 431014      | 80  | 250 | 65  | 714  |  |  |
| 431015      | 80  | 250 | 65  | 717  |  |  |
| 431016      | 90  | 290 | 70  | 1251 |  |  |
| 431017      | 80  | 250 | 65  | 657  |  |  |
| 431019      | 80  | 250 | 65  | 663  |  |  |
| 431030      | 80  | 250 | 70  | 708  |  |  |
| 431031      | 90  | 290 | 60  | 1086 |  |  |
| 331001      |     |     |     |      |  |  |
| 331002      |     |     |     |      |  |  |
| 531008      | 260 | 240 | 380 | 2691 |  |  |
| T39071-1180 | 85  | 290 | 60  | 833  |  |  |
| T39071-3180 | 85  | 290 | 60  | 833  |  |  |
| T39077-180  | 85  | 25  | 60  | 774  |  |  |

## Packaging waste details

|        | Primary Packaging |        |        |     | Secondary packaging |     |        |     |
|--------|-------------------|--------|--------|-----|---------------------|-----|--------|-----|
| Item   | Plastic g         | Use    | Card g | Use | Plastic g           | Use | Card g | Use |
| 431001 | 14                | Hanger |        |     |                     |     | 69     | Box |
| 431002 | 14                | Hanger |        |     |                     |     | 69     | Box |
| 431003 | 14                | Hanger |        |     |                     |     | 87     | Box |
| 431004 | 14                | Hanger |        |     |                     |     | 69     | Box |
| 431005 | 14                | Hanger |        |     |                     |     | 87     | Box |
| 431006 | 14                | Hanger |        |     |                     |     | 69     | Box |
| 431007 | 14                | Hanger |        |     |                     |     | 87     | Box |
| 431008 | 14                | Hanger |        |     |                     |     | 69     | Box |
| 431009 | 14                | Hanger |        |     |                     |     | 69     | Box |
| 431012 | 14                | Hanger |        |     |                     |     | 69     | Box |
| 431013 | 14                | Hanger |        |     |                     |     | 69     | Box |
| 431014 | 14                | Hanger |        |     |                     |     | 69     | Box |

|             |     |        |  |  |   |     |     |     |
|-------------|-----|--------|--|--|---|-----|-----|-----|
| 431015      | 14  | Hanger |  |  |   |     | 69  | Box |
| 431016      | 14  | Hanger |  |  |   |     | 87  | Box |
| 431017      | 14  | Hanger |  |  |   |     | 69  | Box |
| 431019      | 14  | Hanger |  |  |   |     | 69  | Box |
| 431030      | 14  | Hanger |  |  |   |     | 69  | Box |
| 431031      | 14  | Hanger |  |  |   |     | 87  | Box |
| 331001      |     |        |  |  | 5 | Bag |     |     |
| 331002      |     |        |  |  | 5 | Bag |     |     |
| 531008      | 168 | Hanger |  |  |   |     | 635 | Box |
| T39071-1180 | 14  | Hanger |  |  |   |     | 71  | Box |
| T39071-3180 | 14  | Hanger |  |  |   |     | 71  | Box |
| T39077-180  | 14  | Hanger |  |  |   |     | 72  | Box |