

# Fixtured electric spindles

## High durability of EME tools

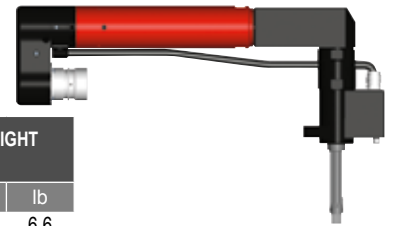
- Long life gear boxes
- Brushless motor
- High output torque transducer for a larger torque range

| MODEL      | PART NUMBER   | SQUARE DRIVE | TORQUE RANGE |          | ROTATIONAL SPEED | MIN. CENTRE DISTANCE |     | LENGTH |      | WEIGHT |      |
|------------|---------------|--------------|--------------|----------|------------------|----------------------|-----|--------|------|--------|------|
|            |               |              | in.          | Nm       |                  | ft.lb                | mm  | in.    | mm   | in.    | kg   |
| EME35-10J  | 615 165 423 0 | 3/8          | 1-8          | 0.7-5.9  | 2067             | 43.2                 | 1.7 | 283    | 11.1 | 1.7    | 3.7  |
| EME35-20J  | 615 165 424 0 | 3/8          | 4-15         | 2.1-11   | 2067             | 43.2                 | 1.7 | 308    | 12.1 | 2.0    | 4.4  |
| EME38-10J  | 615 165 425 0 | 3/8          | 9-30         | 6.6-22   | 1287             | 43.2                 | 1.7 | 355    | 14   | 2.0    | 4.4  |
| EME38-20J  | 615 165 426 0 | 3/8          | 10-45        | 7.4-33   | 1092             | 43.2                 | 1.7 | 355    | 14   | 2.0    | 4.4  |
| EME51-10J  | 615 165 427 0 | 1/2          | 20-70        | 15-52    | 650              | 51.2                 | 2.0 | 374    | 14.7 | 2.9    | 6.4  |
| EME51-20J  | 615 165 428 0 | 1/2          | 30-135       | 22-99    | 403              | 51.2                 | 2.0 | 401    | 15.8 | 3.5    | 7.7  |
| EME60-10J  | 615 165 429 0 | 1/2          | 20-95        | 15-70    | 923              | 60.2                 | 2.4 | 431    | 16.9 | 4.8    | 10.6 |
| EME60-20J  | 615 165 430 0 | 3/4          | 50-175       | 37-129   | 507              | 60.2                 | 2.4 | 431    | 16.9 | 4.8    | 10.6 |
| EME60-30J  | 615 165 431 0 | 3/4          | 70-250       | 52-184   | 299              | 60.2                 | 2.4 | 467    | 18.4 | 5.2    | 11.5 |
| EME80-10J  | 615 165 432 0 | 3/4          | 80-300       | 59-221   | 286              | 80.2                 | 3.2 | 494    | 19.5 | 9.8    | 21.6 |
| EME80-20J  | 615 165 433 0 | 3/4          | 120-450      | 88-221   | 195              | 80.2                 | 3.2 | 494    | 19.5 | 9.8    | 21.6 |
| EME80-30J  | 615 165 434 0 | 1            | 180-650      | 133-479  | 130              | 80.2                 | 3.2 | 494    | 19.5 | 9.8    | 21.6 |
| EME80-40J  | 615 165 435 0 | 1            | 220-800      | 162-590  | 91               | 80.2                 | 3.2 | 494    | 19.5 | 9.8    | 21.6 |
| EME80-50J  | 615 165 436 0 | 1            | 220-1000     | 162-737  | 72               | 80.2                 | 3.2 | 494    | 19.5 | 9.8    | 21.6 |
| EME106-10J | 615 165 437 0 | 1            | 430-1500     | 317-1105 | 52               | 106.2                | 4.2 | 564    | 22.2 | 15     | 33.1 |
| EME106-20J | 615 165 438 0 | 1            | 540-1900     | 398-1400 | 39               | 106.2                | 4.2 | 564    | 22.2 | 15     | 33.1 |



## EMEL shape for close access

| MODEL      | PART NUMBER   | SQUARE DRIVE | TORQUE RANGE |          | ROTATIONAL SPEED | MIN. CENTRE DISTANCE |     | LENGTH |     | WEIGHT |      |
|------------|---------------|--------------|--------------|----------|------------------|----------------------|-----|--------|-----|--------|------|
|            |               |              | in.          | Nm       |                  | ft.lb                | mm  | in.    | mm  | in.    | kg   |
| EMEL38-20J | 615 165 517 0 | 3/8          | 10-45        | 7.4-33.2 | 1092             | 43.2                 | 1.7 | 140.5  | 5.5 | 3.0    | 6.6  |
| EMEL51-20J | 615 165 518 0 | 1/2          | 30-135       | 22-99.5  | 403              | 51.2                 | 2.0 | 166    | 6.5 | 4.0    | 8.8  |
| EMEL60-20J | 615 165 519 0 | 3/4          | 50-175       | 37-129   | 481              | 60.2                 | 2.4 | 178    | 7   | 6.0    | 13.2 |
| EMEL60-30J | 615 165 520 0 | 3/4          | 70-250       | 52-184   | 312              | 60.2                 | 2.4 | 178    | 7   | 6.0    | 13.2 |
| EMEL80-40J | 615 165 521 0 | 1            | 220-800      | 162-590  | 91               | 80.2                 | 3.2 | 241    | 9.5 | 11     | 24.2 |



## EME Offset with torque transducer in line with the output shaft

Increase access by using smallest CC distances offered

| MODEL        | PART NUMBER   | SQUARE DRIVE | TORQUE RANGE |        | ROTATIONAL SPEED | MIN. CENTRE DISTANCE |      | LONGUEUR |      | LENGTH |      |
|--------------|---------------|--------------|--------------|--------|------------------|----------------------|------|----------|------|--------|------|
|              |               |              | in.          | Nm     |                  | ft.lb                | mm   | in.      | mm   | in.    | kg   |
| EME24-20 OF  | 615 165 512 0 | 3/8          | 4-20         | 2.9-15 | 1225             | 24                   | 0.95 | 375.2    | 14.8 | 2.7    | 5.9  |
| EME26-50 OF  | 615 165 513 0 | 3/8          | 7-50         | 5.2-40 | 985              | 26                   | 1.02 | 387.5    | 15.2 | 2.7    | 5.9  |
| EME30-80 OF  | 615 165 514 0 | 1/2          | 10-80        | 7.4-59 | 580              | 30                   | 1.18 | 414.3    | 16.3 | 3.9    | 8.6  |
| EME36-140 OF | 615 165 515 0 | 1/2          | 19-140       | 14-103 | 375              | 36                   | 1.42 | 454.4    | 17.7 | 4.7    | 10.4 |
| EME40-180 OF | 615 165 516 0 | 3/4          | 25-180       | 18-133 | 475              | 40                   | 1.57 | 481.7    | 18.9 | 6.4    | 14.1 |
| EME44-300 OF | 615 165 602 0 | 3/4          | 80-300       | 59-221 | 217              | 45                   | 1.77 | 632.5    | 24.9 | 11     | 24.2 |

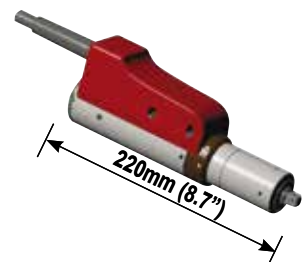


## Fixtured electric spindles ERF

For your assembly applications, Desoutter offers a range of fixtured electric spindles, transducerized or current controlled with integrated cable

| MODEL  | PART NUMBER   | TORQUE RANGE |            |
|--------|---------------|--------------|------------|
|        |               | Nm           | ft.lb      |
| ERF3L  | 615 165 286 0 | 0.35 - 3     | 0.26 - 2.2 |
| ERF5L  | 615 165 287 0 | 0.5 - 5      | 0.37 - 3.7 |
| ERF10L | 615 165 288 0 | 3 - 10       | 2.2 - 7.4  |
| ERF20L | 615 165 289 0 | 5 - 20       | 3.7 - 14.8 |
| ERF20S | 615 165 290 0 | 5 - 20       | 3.7 - 14.8 |
| ERF30S | 615 165 291 0 | 7 - 30       | 5.2 - 22.1 |

For further information about the technical data see pages 61 and 73



ACCESSORIES  
see page 67

# Accessories

## ERP / ERAL / ERDL

### ACCESSORIES INCLUDED

| ITEM | PART NO.                           |               |               |
|------|------------------------------------|---------------|---------------|
|      | ERP                                | ERAL          | ERDL          |
| 1    | Side handle                        | 467033        |               |
| 2    | Suspension bail                    | 467003        |               |
| 3    | Horizontal bail ERAL - ERDL1.5 / 2 | 615 396 562 0 | 615 396 562 0 |
| 4    | Reaction bar ring ERDL1.5 / 2      |               | 615 396 551 5 |
| 4    | Reaction bar ERDL4                 |               | 615 595 259 0 |
| 4    | Reaction bar ERDL6                 |               | 615 396 297 0 |
| 4    | Reaction bar ERAL6- 350/-480       | 615 396 302 0 |               |

### OPTIONAL ACCESSORIES

| ITEM | PART NO.   |               |               |
|------|--|---------------|---------------|
|      | ERP  | ERAL          | ERDL          |
| 5    | Long lever start (included with ERD5J)                 |               | 615 396 584 0 |
| 6    | 2nd lever start ERAL-ERDL1.5 / 2                       | 615 396 553 0 | 615 396 553 0 |
| 7    | High resistance side handle ERP                        | 615 397 012 0 |               |
| 7    | Side reaction handle ERAL-ERDL1.5 / ERDL2              | 615 396 554 0 | 615 396 554 0 |
| 8    | Suspension ring ERAL1.5-2                              | 615 571 063 0 |               |
| 8    | Suspension ring ERAL4                                  | 615 571 070 0 |               |
| 8    | Suspension ring ERAL6                                  | 615 571 064 0 |               |
| 9    | Reaction bar ring for ERAL2-80                         | 615 396 622 0 |               |
| 9    | Reaction bar ring ERAL4-90/170 / ERAL6-135/170         | 615 396 227 0 |               |
| 9    | Reaction bar ring ERAL4-225                            | 615 396 230 0 |               |
| 10   | Rotary connector 90° ER                                | 615 396 299 0 | 615 396 299 0 |
|      | • Extension 200mm ERA(D)L1.5-2                         | 615 396 865 0 | 615 396 865 0 |
|      | • Extension 200mm ERA(D)L4                             | 615 396 866 0 | 615 396 866 0 |
| 11   | Mounting plate with telescopic spindle ERDL1.5 / ERDL2 |               | 615 396 547 0 |

### Plastic cover

|    |   |               |               |
|----|---|---------------|---------------|
| 12 | Plastic cover ERP.S                                   |               | 615 573 074 0 |
| 12 | Plastic cover ERP.L                                   | 615 573 075 0 |               |
| 12 | Plastic cover ERP.LT                                  | 615 573 076 0 |               |
| 13 | Plastic cover AH1 for ERAL1.5-15 / 25 / ERAL2-30 / 40 | 615 573 064 0 |               |
| 13 | Plastic cover AH2 for ERAL2-60                        | 615 573 065 0 |               |
| 13 | Plastic cover AH3 for ERAL2-80                        | 615 573 066 0 |               |
| 14 | Plastic cover AH4 for ERAL4-90 / 110 / 120            | 615 573 069 0 |               |
| 14 | Plastic cover AH5 for ERAL4-140 / 170 / ERAL6-135     | 615 573 070 0 |               |
| 14 | Plastic cover AH6 for ERAL4-225                       | 615 573 071 0 |               |
| 15 | Plastic cover for ERDL1.5 / 2                         |               | 615 573 067 0 |

### Desoutter Tool Holster

|    |   |               |               |
|----|---|---------------|---------------|
| 16 | DTH TWIN (single) without rail                | 615 811 411 0 | 615 811 411 0 |
| 17 | DTH TWIN rail kit with 2 Twin holders         | 615 811 412 5 | 615 811 412 5 |
| 18 | DTH TWIN stand kit with base & 2 Twin holders | 615 811 413 5 | 615 811 413 5 |
| 19 | DTH90   | 615 812 119 0 |               |

### CABLE FOR ERP / ERAL / ERDL TOOLS

|                              | PART NO.      |
|------------------------------|---------------|
| Nutranner cable 5m (16ft)    | 615 917 492 0 |
| Nutranner cable 10m (32ft)   | 615 917 494 0 |
| Nutranner cable 15m (49.2ft) | 615 917 495 0 |

### HEAVY DUTY CABLE FOR ERP / ERAL / ERDL TOOLS

|                    | PART NO.      |
|--------------------|---------------|
| Cable 2.5m (8.2ft) | 615 917 570 0 |
| Cable 5m (16ft)    | 615 917 571 0 |
| Cable 10m (32ft)   | 615 917 572 0 |

### HEAVY DUTY EXTENTION CABLE FOR ERP / ERAL / ERDL TOOLS

|                         | PART NO.      |
|-------------------------|---------------|
| Ext. cable 5m (16ft)    | 615 917 083 0 |
| Ext. cable 10m (32ft)   | 615 917 084 0 |
| Ext. cable 15m (49.2ft) | 615 917 085 0 |
| Ext. cable 20m (65.6ft) | 615 917 086 0 |
| Ext. cable 25m (82ft)   | 615 917 087 0 |
| Ext. cable 30m (98ft)   | 615 917 088 0 |

### SOCKET TRAY

|                                      |               |               |               |               |
|--------------------------------------|---------------|---------------|---------------|---------------|
| • Socket tray (sockets not included) |               |               |               | 615 936 005 0 |
| <b>CABLE LENGTH:</b>                 | 1m (3.3ft)    | 5m (16ft)     | 10m (32.8ft)  | 15m (49.2ft)  |
| • Cable for sockets tray             | 615 917 265 0 | 615 917 266 0 | 615 917 267 0 | 615 917 268 0 |

