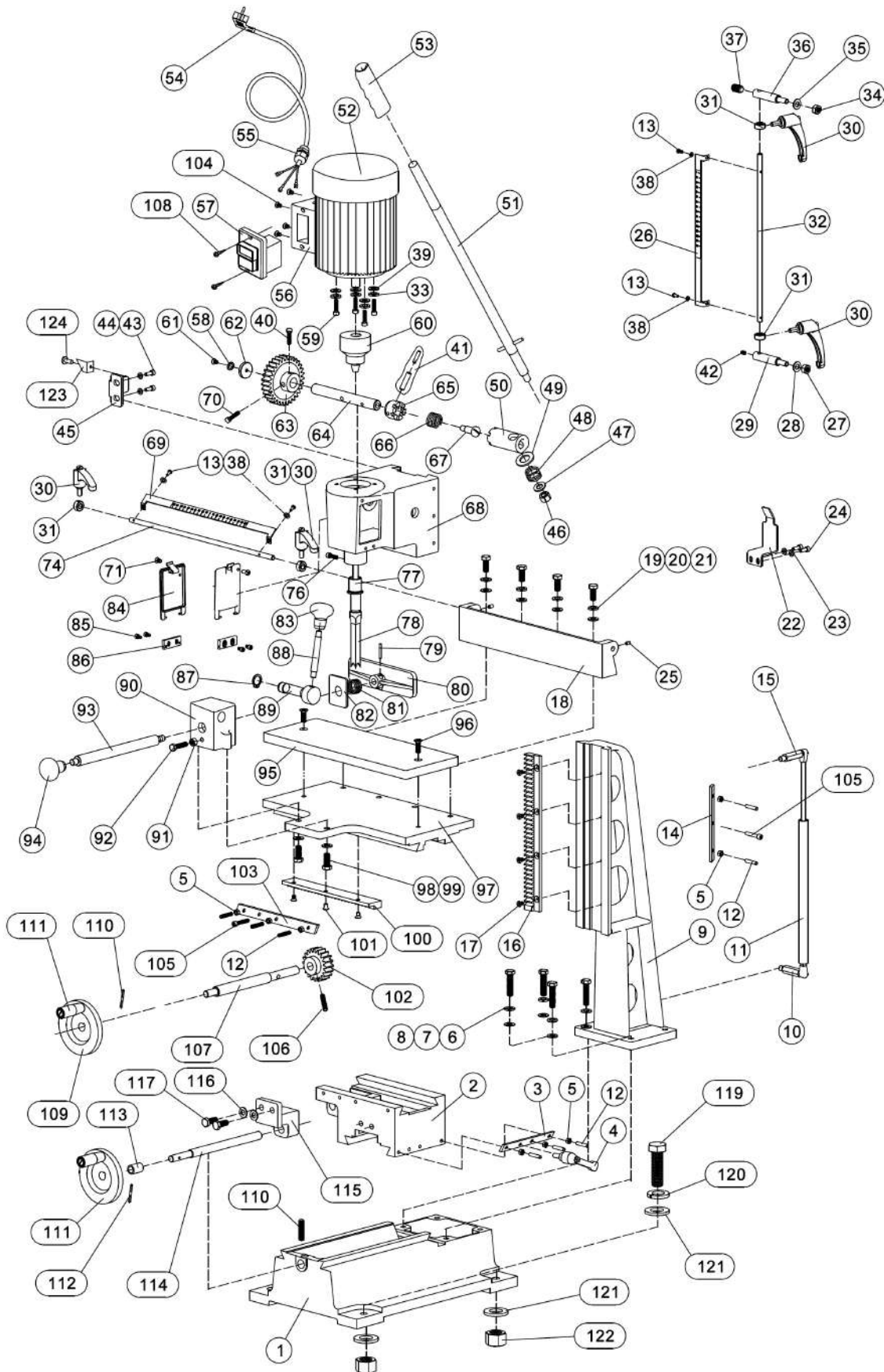


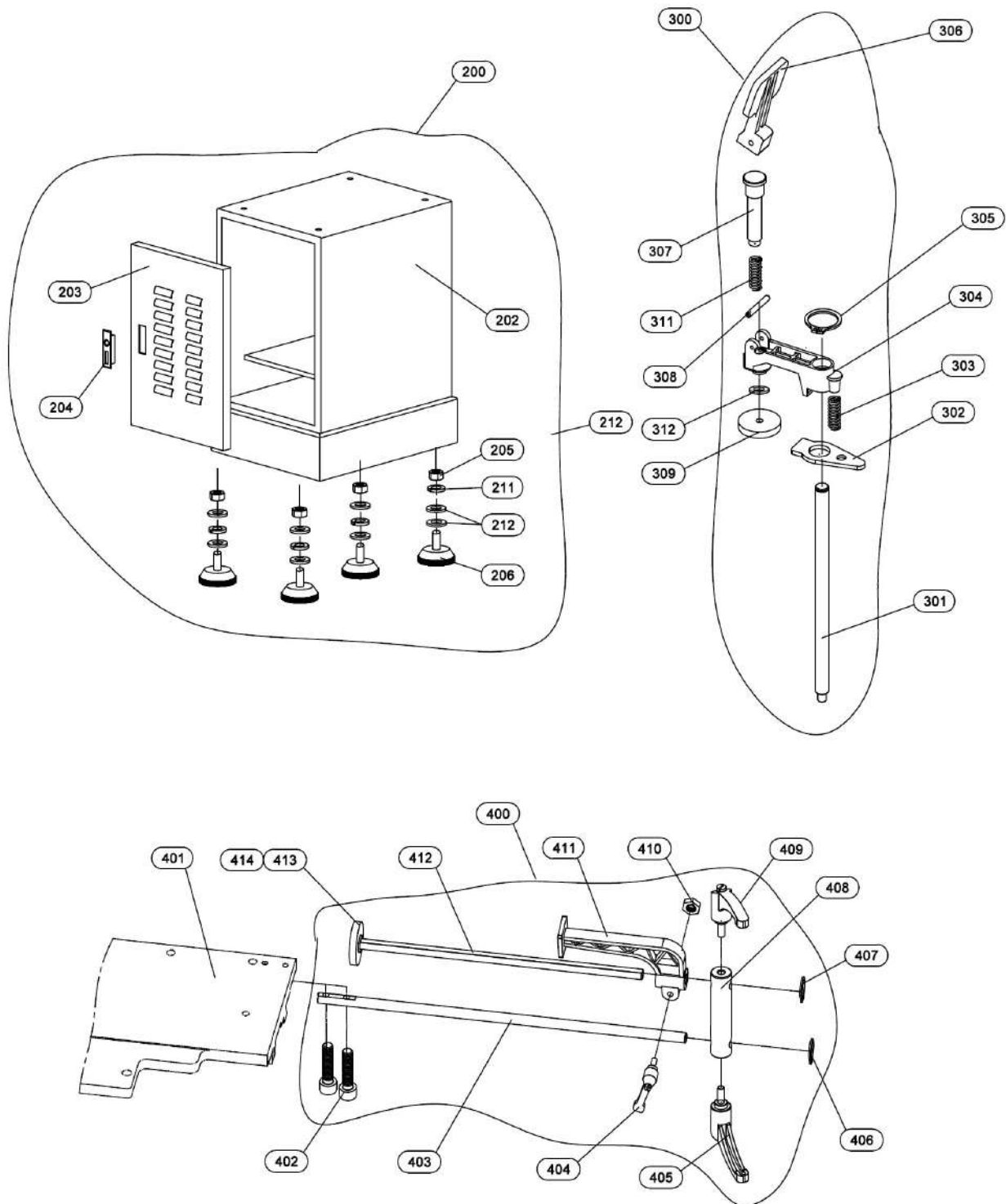
# **Parts List & Wiring Diagram**

**Model: CMS3840**

## Parts Breakdown for CMS3840 Mortiser



## Parts Breakdown for CMS3840 Mortiser



## Parts List for CMS3840 Mortiser

| Index No. | Part No.    | Description                                    | Size        | Qty. |
|-----------|-------------|------------------------------------------------|-------------|------|
|           | JFM6-100    | Machine Body Assembly Complete (#101 thru 118) |             | 1    |
| 1         | JFM6-001    | Base                                           |             | 1    |
| 2         | JFM6-002    | Middle Base                                    |             | 1    |
| 3         | JFM6-003    | Gib                                            |             | 1    |
| 4         | JFM6-004    | Set Handle                                     | M6x26       | 1    |
| 5         | TS-1540041  | Hex Nut                                        | M6          | 8    |
| 6         | TS-1550071  | Flat Washer                                    | 10          | 4    |
| 7         | TS-1491061  | Hex Cap Bolt                                   | M10x40      | 4    |
| 8         | TS-2361101  | Spring Washer                                  | 10          | 4    |
| 9         | JFM6-009    | Column                                         |             | 1    |
| 10        | JFM6-010    | Threaded Hex Rod                               |             | 1    |
| 11        | JFM6-011    | Gas Spring                                     |             | 1    |
| 12        | JFM6-012    | Socket Set Screw                               | M6x35       | 5    |
| 13        | TS-2284082  | Machine Head Cap Screw                         | M4x8        | 6    |
| 14        | JFM6-014    | Gib                                            |             | 1    |
| 15        | JFM6-015    | Threaded Hex Rod                               |             | 1    |
| 16        | JFM6-016    | Rack                                           |             | 1    |
| 17        | TS-2286121  | Flat Head Screw                                | M6x10       | 4    |
| 18        | JFM6-018    | Fence                                          |             | 1    |
| 19        | TS-1550071  | Flat Washer                                    | 10          | 4    |
| 20        | TS-2361101  | Lock Washer                                    | 10          | 4    |
| 21        | TS-1491031  | Hex Cap Screwe                                 | M10x25      | 4    |
| 22        | JFM6-022    | Bracket                                        |             | 1    |
| 23        | TS-1550041  | Flat Washer                                    | 6           | 2    |
| 24        | TS-1503041  | Socket Head Cap Screw                          | M6x16       | 2    |
| 25        | TS-1523031  | Socket Set Screw                               | M6x10       | 2    |
| 26        | JFM6-026    | Scale - A                                      |             | 1    |
| 27        | TS-2311101  | Hex Nut                                        | M10         | 1    |
| 28        | TS-1550071  | Flat Washer                                    | 10          | 1    |
| 29        | JFM6-029    | Depth Stop Mounting Rod                        |             | 1    |
| 30        | JFM6-030    | Depth Stop Handle-M8                           |             | 4    |
| 31        | JFM6-031    | Depth Stop Rod Collar                          |             | 4    |
| 32        | JFM6-032    | Depth Stop Rod                                 |             | 1    |
| 33        | TS-2361061  | Spring Washer                                  | 6           | 4    |
| 34        | TS-2311101  | Hex Nut                                        | M10         | 1    |
| 35        | TS-1550071  | Flat Washer                                    | 10          | 1    |
| 36        | JFM6-036    | Depth Stop Mounting Rod                        |             | 1    |
| 37        | TS-1523051  | Socket Set Screw                               | M6x16       | 1    |
| 38        | JFM6-038    | Flat Washer                                    | 4           | 4    |
| 39        | TS-1550041  | Flat Washer                                    | 6           | 4    |
| 40        | TS-1504051  | Socket Head Cap Screw                          | M8x25       | 1    |
| 41        | JFM6-041    | Roll Pin                                       | 8x35 & 5x35 | 1    |
| 42        | TS-1523051  | Socket Set Screw                               | M6x16       | 1    |
| 43        | TS-1503041  | Socket Head Cap Screw                          | M6x16       | 2    |
| 44        | TS-1550041  | Flat Washer                                    | 6           | 2    |
| 45        | JFM6-045    | Bracket                                        |             | 1    |
| 46        | TS-1540081  | Hex Nut                                        | M12         | 1    |
| 47        | TS-2360121  | Flat Washer                                    | 12          | 1    |
| 48        | JFM6-048    | Compression Spring                             |             | 1    |
| 49        | TS-155009   | Flat Washer                                    | 14          | 1    |
| 50        | JFM6-050    | Handle Clutch                                  |             | 1    |
| 51        | JFM6-051    | Downfeed Handle                                |             | 1    |
| 52        | JFM6-052    | Motor                                          |             | 1    |
|           | JFM6-052MF  | Motor Fan (not shown)                          |             | 1    |
|           | JFM6-052SCE | Starting Capacitor (not shown)                 |             | 1    |

## Parts List for CMS3840 Mortiser

| Index No. | Part No.    | Description                    | Size     | Qty. |
|-----------|-------------|--------------------------------|----------|------|
|           | JFM6-052MC  | Motor Cover (not shown)        |          | 1    |
| 53        | JFM6-053    | Handle Grip                    |          | 1    |
| 54        | JFM6-054    | Power Cord                     |          | 1    |
| 55        | JFM6-055    | Strain Relief Bushing          |          | 1    |
| 56        | JFM6-056JB  | Junction Box (not shown)       |          | 1    |
|           | JFM6-056JBC | Junction Box Cover (not shown) |          | 1    |
| 57        | JFM6-057    | Switch                         |          | 1    |
| 58        | TS-1550031  | Flat Washer                    | 5mm      | 1    |
| 59        | TS-1503061  | Socket Head Cap Screw          | M6x25    | 4    |
| 60        | JFM6-060    | Chuck B16                      | 3-16mm   | 1    |
| 61        | TS-2286121  | Machine Head Cap Screw         | M6x10    | 1    |
| 62        | JFM6-062    | Cover                          |          | 1    |
| 63        | JFM6-063    | Gear                           |          | 1    |
| 64        | JFM6-064    | Shaft                          |          | 1    |
| 65        | JFM6-065    | Headstock Clutch               |          | 1    |
| 66        | JFM6-066    | Compression Spring             |          | 1    |
| 67        | JFM6-067    | Special Screw                  | M10x15   | 1    |
| 68        | JFM6-068    | Headstock                      |          | 1    |
| 69        | JFM6-069    | Scale - B                      |          | 1    |
| 70        | JFM6-070    | Gear Shaft Bolt                |          | 1    |
| 71        | TS-1533052  | Machine Head Cap Screw         | M5x16    | 2    |
| 72        |             |                                |          |      |
| 73        |             |                                |          |      |
| 74        | JFM6-074    | Table Stop Mounting Rod        |          | 1    |
| 75        | JFM6-075    | Table Stop Collar              |          | 1    |
| 76        | TS-1503061  | Socket Head Cap Screw          | M6x25    | 1    |
| 77        | JFM6-077    | Bushing                        | Ø19/Ø30  | 1    |
| 78        | JFM6-078    | Mortising Chisel and Bit 5/8"  |          | 1    |
| 79        | JFM6-079    | Roll Pin                       | 4x25     | 1    |
| 80        | JFM6-080    | Clamp Plate                    |          | 1    |
| 81        | JFM6-081    | Compression Spring             |          | 1    |
| 82        | JFM6-082    | Spring Cover                   |          | 1    |
| 83        | JFM6-083    | Handle                         |          | 1    |
| 84        | JFM6-084    | Cover                          |          | 1    |
| 85        | TS-1533032  | Machine Head Cap Screw         | M5x10    | 4    |
| 86        | JFM6-086    | Cover Base                     |          | 1    |
| 87        | JFM6-087    | Ext Retaining Ring 20mm        | 20       | 1    |
| 88        | JFM6-088    | Vise Clamping Handle           |          | 1    |
| 89        | JFM6-089    | Shaft                          |          | 1    |
| 90        | JFM6-090    | Clamping Block                 |          | 1    |
| 91        | TS-1540061  | Hex Nut                        | M8       | 1    |
| 92        | TS-1490041  | Hex Cap Screw                  | M8x25    | 1    |
| 93        | JFM6-093    | Locking Shaft                  |          | 1    |
| 94        | JFM6-094    | Handle                         |          | 1    |
| 95        | JFM6-095    | Wood Table                     |          | 1    |
| 96        | JFM6-096    | Flat Head Screw                | M8x25    | 2    |
| 97        | JFM6-097    | Table                          |          | 1    |
| 98        | TS-1550071  | Flat Washer                    | 10       | 2    |
| 99        | TS-1491031  | Hex Cap Screw                  | M10x25   | 2    |
| 100       | JFM6-100    | Rack                           |          | 1    |
| 101       | TS-2286121  | Machine Flat Head Screw        | M6x12    | 3    |
| 102       | JFM6-102    | Gear                           |          | 1    |
| 103       | JFM6-103    | Gib                            |          | 1    |
| 104       | JFM6-104    | Self-Tapping Screw             | ST4.2x10 | 4    |
| 105       | TS-1503081  | Socket Head Cap Screw          | M6x35    | 2    |
| 106       | TS-1523051  | Socket Set Screw               | M6x16    | 1    |

## Parts List for CMS3840 Mortiser

| Index No. | Part No.   | Description                              | Size     | Qty. |
|-----------|------------|------------------------------------------|----------|------|
| 107       | JFM6-107   | Gear Shaft                               |          | 1    |
| 108       | JFM6-108   | Tap Screw                                | ST4.2x13 | 2    |
| 109       | JFM6-109   | Handle Wheel                             |          | 2    |
| 110       | TS-1523011 | Socket Set Screw                         | M6x6     | 1    |
| 111       | JFM6-111   | Handle                                   |          | 2    |
| 112       | JFM6-112   | Roll Pin                                 | 5x30     | 1    |
| 113       | JFM6-113   | Collar                                   |          | 1    |
| 114       | JFM6-114   | Lead Screw                               |          | 1    |
| 115       | JFM6-115   | LEAD SCREW BRACKET                       |          | 1    |
| 116       | TS-1550071 | Flat Washer                              | 10       | 2    |
| 117       | TS-1491031 | Hex Cap Screw                            | M10x25   | 2    |
| 118       |            |                                          |          |      |
| 119       | TS-1491061 | Hex Cap Screw                            | M12x40   | 4    |
| 120       | JFM6-208   | Flat Washer                              | 12       | 8    |
| 121       | TS-2361121 | Lock Washer                              | 12       | 4    |
| 122       | TS-2311121 | Hex Nut                                  | M12      | 4    |
| 123       | JFM6-123   | Pointer                                  |          | 1    |
| 124       | TS-2283061 | Machine Head Cap Screw                   | M3x6     | 1    |
|           |            |                                          |          |      |
| 200       | JFM6-200   | Base Assembly (#202 thru 206, #211# 212) |          | 1    |
| 202       | JFM6-202   | Stand                                    |          | 1    |
| 203       | JFM6-203   | Door                                     |          | 1    |
| 204       | JFM6-204   | Door Latch                               |          | 1    |
| 205       | TS-2311101 | Hex Nut                                  | M10      | 4    |
| 206       | JFM6-206   | Stand Base                               |          | 4    |
| 211       | TS-1550071 | Flat Washer                              | 10       | 8    |
| 212       | TS-2361101 | Lock Washer                              | 10       | 4    |
|           |            |                                          |          |      |
| 300       | JFM6-300   | Table Clamp Assembly (#301 thru 312)     |          | 1    |
| 301       | JFM6-301   | Shaft                                    |          | 1    |
| 302       | JFM6-302   | Clamp Toggle                             |          | 1    |
| 303       | JFM6-303   | Compression Spring                       |          | 1    |
| 304       | JFM6-304   | Clamping Body                            |          | 1    |
| 305       | JFM6-305   | Ext Retaining Ring 16mm                  | 16mm     | 1    |
| 306       | JFM6-306   | Locking Handle                           |          | 1    |
| 307       | JFM6-307   | Locking Rod                              |          | 1    |
| 308       | JFM6-308   | Roll Pin 3.5 X 28                        | 3.5x28   | 1    |
| 309       | JFM6-309   | Clamp Face                               |          | 1    |
| 311       | JFM6-311   | Spring                                   |          | 1    |
| 312       | TS-1550061 | Flat Washer                              | 8        | 1    |
|           |            |                                          |          |      |
| 400       | JFM6-400   | Work Stop Assembly(#402 Thru 414)        |          | 1    |
| 402       | TS-1503061 | Socket Head Cap Screw                    | M6x25    | 2    |
| 403       | JFM6-403   | Rear Length Setting Rod                  |          | 1    |
| 404       | JFM6-404   | Threaded Handle                          |          | 1    |
| 405       | JFM6-405   | Threaded Handle                          |          | 1    |
| 406       | JFM6-406   | Ext Retaining Ring                       | 12       | 1    |
| 407       | JFM6-407   | Ext Retaining Ring                       | 12       | 1    |
| 408       | JFM6-408   | Length Setting Block                     |          | 1    |
| 409       | JFM6-409   | Threaded Handle                          |          | 1    |
| 410       | TS-1540041 | Hex Nut                                  | M6       | 1    |
| 411       | JFM6-411   | Stop Disc                                |          | 1    |
| 412       | JFM6-412   | Front Stop Rod                           |          | 1    |
| 413       | JFM6-413   | Clamp Face                               |          | 1    |
| 414       | JFM6-414   | Threaded Pin                             |          | 1    |

## Parts List for CMS3840 Mortiser

| Index No. | Part No. | Description               | Size  | Qty. |
|-----------|----------|---------------------------|-------|------|
|           | C-92     | LOGO (not shown)          | 92x38 | 1    |
|           | C-501    | Warning Label (not shown) |       | 1    |
|           | C-503    | ID Label (not shown)      |       | 1    |
|           | C-504    | Motor Label (not shown)   |       | 1    |

## Wiring Diagram for CMS3840 Mortiser

~ 120v or 230V, 50/60Hz

