



MCC SERIES  
CONE CRUSHER

Traditional Principal  
Cone



MINYU.COM

# MINYU MCC CONE CRUSHER

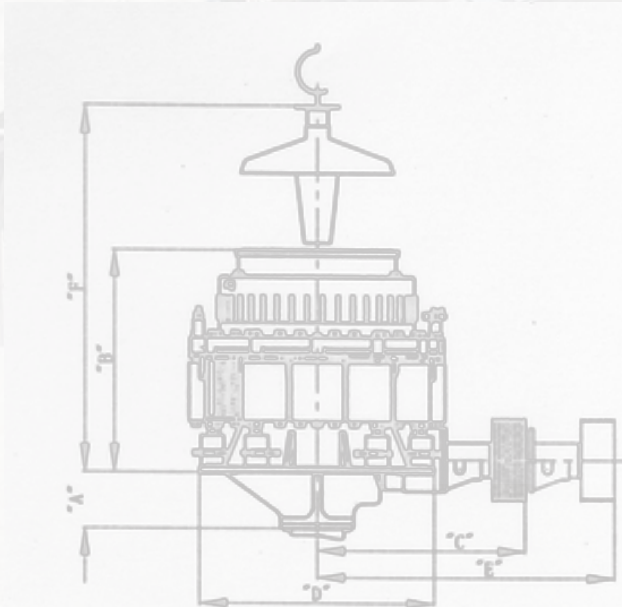
- The spring-loaded release system allows any uncrushable material to pass through without causing any damage.
- The lubrication unit is interlocked with the main motor for additional safety as a standard equipment.
- A rib liner is provided inside the bottom section of the frame to help protect it from wear.

## GENERAL SPECIFICATIONS

| Type     | Size (in / type)          | Max Feed Opening (in / mm) | Min. Discharge Opening (in / mm) | Rotation (RPM) | Motor Power (HP / kW) | Weight (lbs / kg) |
|----------|---------------------------|----------------------------|----------------------------------|----------------|-----------------------|-------------------|
| MCC600   | 24 / coarse liner         | 3 3/4in / 95mm             | 7/16in / 10mm                    | 630            | 50-60 / 37-45         | 11,660 / 5,300    |
| MCF600   | 24 / fine liner           | 2 3/4in / 72mm             | 1/4in / 6mm                      | 630            | 50-60 / 37-45         | 11,660 / 5,300    |
| MCC1000  | 40 / coarse liner         | 6 1/2in / 160mm            | 1/2in / 13mm                     | 630            | 120-150 / 90-110      | 23,760 / 10,800   |
| MCF1000  | 40 / fine liner           | 4 1/2in / 115mm            | 7/16in / 10mm                    | 630            | 120-150 / 90-110      | 23,760 / 10,800   |
| MCS1000  | 40 / short head           | 3in / 80mm                 | 5/16in / 8mm                     | 630            | 120-150 / 90-110      | 23,122 / 10,510   |
| MCSS1000 | 40 / ultra-fine shorthead | 2in / 50mm                 | 1/4in / 6mm                      | 630            | 120-150 / 90-110      | 23,122 / 10,510   |
| MCC1150  | 45 / coarse liner         | 7in / 180mm                | 1/2in / 13mm                     | 610            | 150-175 / 110-132     | 29,773 / 13,533   |
| MCF1150  | 45 / fine liner           | 5in / 130mm                | 7/16in / 10mm                    | 610            | 150-175 / 110-132     | 29,773 / 13,533   |
| MCS1150  | 45 / short head           | 3 1/2in / 90mm             | 7/16in / 10mm                    | 610            | 150-175 / 110-132     | 29,773 / 13,533   |
| MCSS1150 | 45 / ultra-fine shorthead | 2 1/2in / 60mm             | 1/4in / 6mm                      | 610            | 150-175 / 110-132     | 29,773 / 13,533   |
| MCC1300  | 51 / coarse liner         | 8in / 200mm                | 5/8in / 16mm                     | 610            | 175-215 / 132-160     | 49,060 / 22,300   |
| MCF1300  | 51 / fine liner           | 6in / 150mm                | 1/2in / 13mm                     | 610            | 175-215 / 132-160     | 49,060 / 22,300   |
| MCS1300  | 51 / short head           | 4in / 102mm                | 7/16in / 10mm                    | 610            | 175-215 / 132-160     | 49,060 / 22,300   |
| MCSS1300 | 51 / ultra-fine shorthead | 2 3/4in / 70mm             | 5/16in / 8mm                     | 610            | 175-215 / 132-160     | 49,060 / 22,300   |
| MCC1370  | 54 / coarse liner         | 8 1/2in / 215mm            | 3/4in / 19mm                     | 610            | 250-295 / 185-220     | 57,860 / 26,300   |
| MCF1370  | 54 / fine liner           | 6 1/2in / 160mm            | 5/8in / 16mm                     | 610            | 250-295 / 185-220     | 57,860 / 26,300   |
| MCS1370  | 54 / short head           | 4 1/2in / 115mm            | 1/2in / 13mm                     | 610            | 250-295 / 185-220     | 57,860 / 26,300   |
| MCSS1370 | 54 / ultra-fine shorthead | 3in / 76mm                 | 5/16in / 8mm                     | 610            | 250-295 / 185-220     | 57,860 / 26,300   |
| MCC1500  | 60 / coarse liner         | 9 1/4in / 235mm            | 7/8in / 22mm                     | 560            | 250-300 / 185-225     | 83,050 / 37,750   |
| MCF1500  | 60 / fine liner           | 6 3/4in / 175mm            | 3/4in / 19mm                     | 560            | 250-300 / 185-225     | 83,050 / 37,750   |
| MCS1500  | 60 / short head           | 5in / 130mm                | 1/2in / 13mm                     | 560            | 250-300 / 185-225     | 83,050 / 37,750   |
| MCSS1500 | 60 / ultra-fine shorthead | 3 1/2in / 90mm             | 7/16in / 10mm                    | 560            | 250-300 / 185-225     | 83,050 / 37,750   |
| MCC1680  | 66 / coarse liner         | 10 1/2in / 267mm           | 7/8in / 22mm                     | 560            | 335-400 / 250-300     | 97,460 / 44,300   |
| MCF1680  | 66 / fine liner           | 8in / 203mm                | 5/8in / 16mm                     | 560            | 335-400 / 250-300     | 97,460 / 44,300   |
| MCS1680  | 66 / short head           | 5 1/2in / 140mm            | 1/2in / 13mm                     | 560            | 335-400 / 250-300     | 97,460 / 44,300   |
| MCSS1680 | 66 / ultra-fine shorthead | 3 3/4in / 95mm             | 7/16in / 10mm                    | 560            | 335-400 / 250-300     | 97,460 / 44,300   |

# CAPACITY

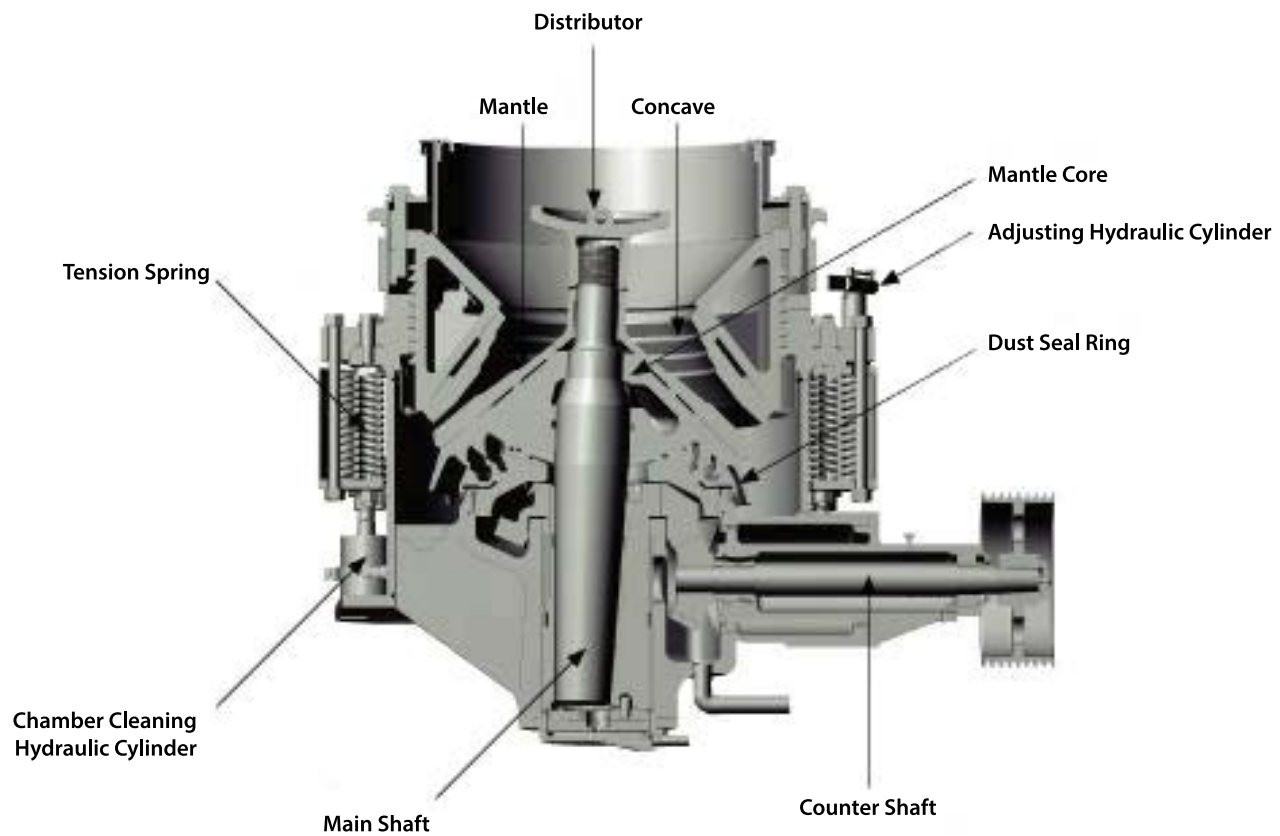
| Model No.                       | STPH / MTPH @<br>1/4in / 6mm | STPH / MTPH @<br>7/16in / 10mm | STPH / MTPH @<br>1/2in / 13mm | STPH / MTPH @<br>5/8in / 16mm | STPH / MTPH @<br>3/4in / 19mm | STPH / MTPH @<br>7/8in / 22mm | STPH / MTPH @<br>1in / 25mm | STPH / MTPH @<br>1-1/2in / 38mm | STPH / MTPH @<br>2in / 51mm | STPH / MTPH @<br>2-1/2in / 64mm |
|---------------------------------|------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-----------------------------|---------------------------------|-----------------------------|---------------------------------|
| MCC600<br>24" Coarse Liner      | -                            | 22 / 20                        | 28 / 25                       | 33 / 30                       | 39 / 35                       | 50 / 45                       | 55 / 50                     | 84 / 76                         | -                           | -                               |
| MCF600<br>24" Fine Liner        | 20 / 18                      | 22 / 20                        | 28 / 25                       | 33 / 30                       | 39 / 35                       | 44 / 40                       | 50 / 45                     | 66 / 60                         | -                           | -                               |
| MCC1000<br>40" Coarse Liner     | -                            | -                              | 88 / 80                       | 110 / 100                     | 149 / 135                     | 165 / 150                     | 193 / 175                   | 259 / 235                       | -                           | -                               |
| MCF1000<br>40" Fine Liner       | -                            | 72 / 65                        | 83 / 75                       | 99 / 90                       | 132 / 120                     | 149 / 135                     | 165 / 150                   | -                               | -                           | -                               |
| MCS1000<br>40" Short Head       | -                            | 57 / 52                        | 68 / 62                       | 79 / 72                       | 86 / 78                       | 127 / 115                     | -                           | -                               | -                           | -                               |
| MCSS1000<br>40" Short-Sand Head | 55 / 50                      | 61 / 55                        | 72 / 65                       | 77 / 70                       | 112 / 102                     | -                             | -                           | -                               | -                           | -                               |
| MCC1150<br>45" Coarse Liner     | -                            | -                              | 127 / 115                     | 149 / 135                     | 165 / 150                     | 198 / 180                     | 220 / 200                   | 286 / 260                       | -                           | -                               |
| MCF1150<br>45" Fine Liner       | -                            | 110 / 100                      | 121 / 110                     | 132 / 120                     | 149 / 135                     | 182 / 165                     | 193 / 175                   | -                               | -                           | -                               |
| MCS1150<br>45" Short Head       | -                            | 88 / 80                        | 116 / 105                     | 121 / 110                     | 154 / 140                     | -                             | -                           | -                               | -                           | -                               |
| MCSS1150<br>45" Short-Sand Head | 66 / 60                      | 81 / 74                        | 116 / 105                     | 121 / 110                     | 143 / 130                     | -                             | -                           | -                               | -                           | -                               |
| MCC1300<br>51" Coarse Liner     | -                            | -                              | -                             | 165 / 150                     | 198 / 180                     | 220 / 200                     | 253 / 230                   | 341 / 310                       | 429 / 390                   | -                               |
| MCF1300<br>51" Fine Liner       | -                            | -                              | 127 / 115                     | 160 / 145                     | 176 / 160                     | 209 / 190                     | 231 / 210                   | -                               | -                           | -                               |
| MCS1300<br>51" Short Head       | -                            | 99 / 90                        | 127 / 115                     | 154 / 140                     | 176 / 160                     | -                             | -                           | -                               | -                           | -                               |
| MCSS1300<br>51" Short-Sand Head | -                            | 97 / 88                        | 121 / 110                     | 149 / 135                     | 171 / 155                     | -                             | -                           | -                               | -                           | -                               |
| MCC1370<br>54" Coarse Liner     | -                            | -                              | -                             | -                             | 220 / 200                     | 242 / 220                     | 286 / 260                   | 385 / 350                       | 484 / 440                   | -                               |
| MCF1370<br>54" Fine Liner       | -                            | -                              | -                             | 171 / 155                     | 198 / 180                     | 220 / 200                     | 242 / 220                   | -                               | -                           | -                               |
| MCS1370<br>54" Short Head       | -                            | -                              | 165 / 150                     | 209 / 190                     | 231 / 210                     | 253 / 230                     | -                           | -                               | -                           | -                               |
| MCSS1370<br>54" Short-Sand Head | -                            | 134 / 122                      | 163 / 148                     | 204 / 185                     | 220 / 200                     | -                             | -                           | -                               | -                           | -                               |
| MCC1500<br>60" Coarse Liner     | -                            | -                              | -                             | -                             | -                             | 292 / 265                     | 341 / 310                   | 462 / 420                       | 578 / 525                   | 638 / 580                       |
| MCF1500<br>60" Fine Liner       | -                            | -                              | -                             | -                             | 237 / 215                     | 264 / 240                     | 292 / 265                   | 352 / 320                       | -                           | -                               |
| MCS1500<br>60" Short Head       | -                            | -                              | 198 / 180                     | 231 / 210                     | 259 / 235                     | 281 / 255                     | 303 / 275                   | -                               | -                           | -                               |
| MCSS1500<br>60" Short-Sand Head | -                            | 163 / 148                      | 196 / 178                     | 220 / 200                     | 242 / 220                     | -                             | -                           | -                               | -                           | -                               |
| MCC1680<br>66" Coarse Liner     | -                            | -                              | -                             | -                             | -                             | 363 / 330                     | 429 / 390                   | 578 / 525                       | 721 / 655                   | 798 / 725                       |
| MCF1680<br>66" Fine Liner       | -                            | -                              | -                             | 253 / 230                     | 297 / 270                     | 330 / 300                     | 363 / 330                   | -                               | -                           | -                               |
| MCS1680<br>66" Short Head       | -                            | -                              | 204 / 185                     | 248 / 225                     | 292 / 265                     | 374 / 340                     | -                           | -                               | -                           | -                               |
| MCSS1680<br>66" Short-Sand Head | -                            | 198 / 180                      | 242 / 220                     | 286 / 260                     | 369 / 335                     | -                             | -                           | -                               | -                           | -                               |



# DIMENSIONS

| Type | A                  | B                   | C                   | D                    | E                    | F                    |
|------|--------------------|---------------------|---------------------|----------------------|----------------------|----------------------|
| 600  | 13-1/2 in<br>345mm | 45 in<br>1146mm     | 43-1/2 in<br>1105mm | 49-1/4 in<br>1250mm  | 69 in<br>1750mm      | 75-1/2 in<br>1920mm  |
| 1000 | 15-1/2 in<br>395mm | 61 in<br>1554mm     | 61 in<br>1546mm     | 60-1/4 in<br>1530mm  | 86-1/2 in<br>2200mm  | 110-1/4 in<br>2800mm |
| 1150 | 20-1/2 in<br>522mm | 66-1/2 in<br>1690mm | 65-3/4 in<br>1670mm | 69-1/4 in<br>1760mm  | 95 in<br>2415mm      | 118 in<br>3000mm     |
| 1300 | 24 in<br>609mm     | 76 in<br>1927mm     | 75-1/2 in<br>1920mm | 79-1/2 in<br>2020mm  | 110 in<br>2800mm     | 137-3/4 in<br>3500mm |
| 1370 | 24 in<br>612mm     | 84-3/4 in<br>2151mm | 77 in<br>1965mm     | 86-1/2 in<br>2200mm  | 111-1/2 in<br>2830mm | 153-1/2 in<br>3900mm |
| 1500 | 28-3/4 in<br>730mm | 93-1/2 in<br>2372mm | 87-1/4 in<br>2216mm | 96-1/2 in<br>2450mm  | 125 in<br>3170mm     | 169-1/4 in<br>4300mm |
| 1680 | 34 in<br>860mm     | 86 in<br>2183mm     | 83 in<br>2107mm     | 112-1/2 in<br>2860mm | 139-3/4 in<br>3550mm | 185 in<br>4700mm     |

# PROFILE CONSTRUCTION



CRUSHING SINCE 1965