top.jpgtop.jpg**SMH系列液压圆锥破碎机**

**SMH Series Cone Crusher**

SMH系列液压圆锥破碎机是经过吸收世界先进破碎技术

研制出的具有先进水平的圆锥破碎机，广泛应用于冶金、

建筑、水电、交通、化工、建材工业中，适合破碎坚硬、

中等硬度以上的各种矿石和岩石 。

SMH series hydraulic cone crusher get to world

advanced level, is designed and made through

absorbing world advanced crushing technology.

It is widely used in metallurgical, aggregate,

building material industries, it is suitable for crushing

varies of hard and above mid hard ores and rocks.

**特点及优势 Features and Benefits:**

◎ 结构合理，破碎原理及技术参数先进，运转可靠，运行成本低；

◎ 具有大破碎力，生产效率高，产量高；

◎ 液压系统方便可靠，能提供安全有效的过载保护；

◎ 多种破碎腔，适应大范围产品粒度要求；

◎ 采用液压调整、液压清腔设置，自动化程度大为提高。

◎ Reasonable structure, advanced crushing principle and technical data, reliable work and low cost.

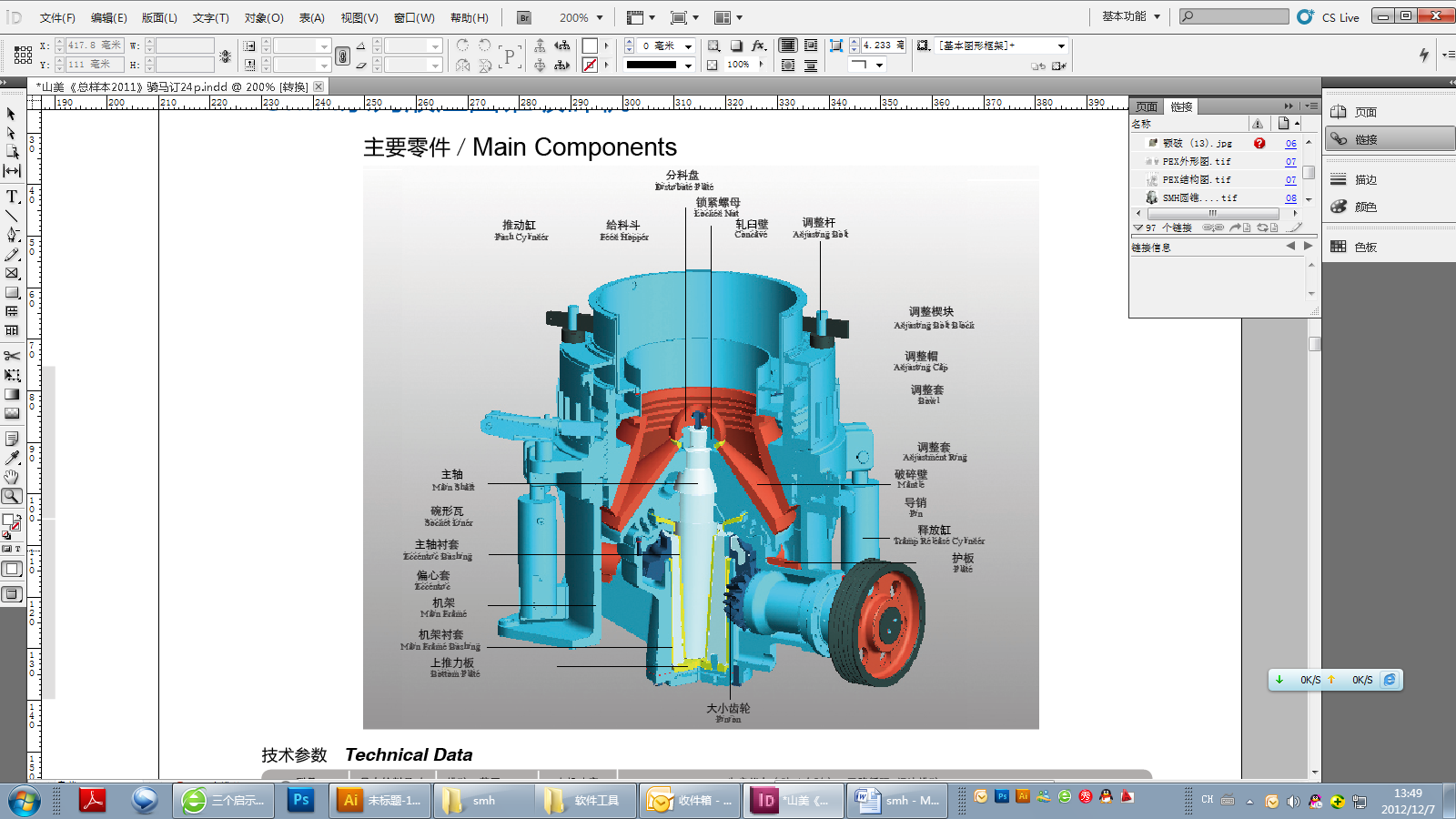
◎ Strong crushing ability, high efficiency productivity, high capacity.

◎ Hydraulic system is reliable, provide safe and effective overload protection.

◎ Types of crushing cavity are for wide range of product size requirement.

◎ Use hydraulic adjustment and hydraulic clean cavity setting, much increase automation.

**主要零件** **Main Components**



**top.jpg标准型液压圆锥破碎机 / Standard Head Cone Crushers**

**技术参数** **Technical Data**

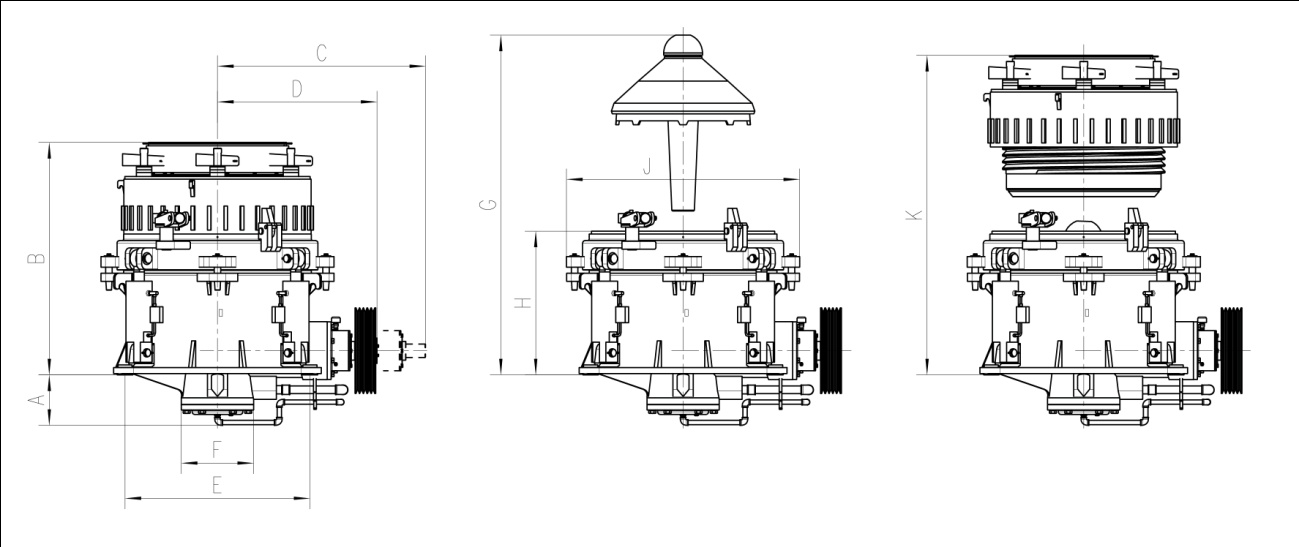
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **型号**  **Model** | **最大给料尺寸**  **Max Feeding**  **Size**  **(mm)** | **排矿口范围**  **Discharge**  **Range**  **(mm)** | **电机功率**  **Motor Power**  **(kw)** | **生产能力（吨／小时）—开路循环 闭边排矿口**  **Capacity(t/h)——open circuit,closed discharge(mm)** | | | | | | | | | | | |
| **9** | **13** | **16** | **19** | **22** | **26** | **32** | **38** | **51** | **63** | **76** | **89** |
| **SMH120C** | 160 | 22-32 | 75-90 |  |  |  |  | 120 | 130 | 150 |  |  |  |  |  |
| **SMH120M** | 130 | 13-26 |  | 65 | 85 | 100 | 120 | 130 |  |  |  |  |  |  |
| **SMH120F** | 50 | 9-19 | 40 | 60 | 80 | 90 |  |  |  |  |  |  |  |  |
| **SMH180C** | 180 | 22-32 | 132-160 |  |  |  |  | 185 | 195 | 215 |  |  |  |  |  |
| **SMH180M** | 140 | 13-32 |  | 90 | 115 | 135 | 160 | 180 | 200 |  |  |  |  |  |
| **SMH180F** | 60 | 9-22 | 60 | 80 | 100 | 120 | 140 |  |  |  |  |  |  |  |
| **SMH250C** | 260 | 26-51 | 160-220 |  |  |  |  |  | 250 | 290 | 340 | 395 |  |  |  |
| **SMH250M** | 150 | 16-38 |  |  | 125 | 140 | 165 | 220 | 275 | 330 |  |  |  |  |
| **SMH250F** | 80 | 9-22 | 70 | 90 | 115 | 130 | 150 |  |  |  |  |  |  |  |
| **SMH**  **350EC** | 315 | 38-64 | 250-280 |  |  |  |  |  |  |  | 555 | 649 | 766 |  |  |
| **SMH350C** | 230 | 26-64 |  |  |  |  |  | 366 | 430 | 468 | 929 | 657 |  |  |
| **SMH350M** | 205 | 22-52 |  |  |  |  | 266 | 299 | 348 | 393 | 451 |  |  |  |
| **SMH350F** | 180 | 16-38 |  |  | 188 | 212 | 234 | 267 | 305 | 337 |  |  |  |  |
| **SMH**  **550EC** | 450 | 38-89 | 400 |  |  |  |  |  |  |  | 890 | 1179 | 1380 | 1475 | 1566 |
| **SMH550C** | 350 | 31-76 |  |  |  |  |  |  | 800 | 850 | 1100 | 1288 | 1398 |  |
| **SMH550M** | 320 | 25-63 |  |  |  |  |  | 612 | 735 | 815 | 990 | 1137 |  |  |
| **SMH550F** | 268 | 19-52 |  |  |  | 376 | 412 | 500 | 620 | 725 | 867 |  |  |  |

**短头型液压圆锥破碎机 / Stort Head Cone Crushers**

**技术参数** **Technical Data**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **型号**  **Model** | **最大给料尺寸**  **Max Feeding**  **Size**  **(mm)** | **排矿口范围**  **Discharge**  **Range**  **(mm)** | **电机功率**  **Motor Power**  **(kw)** | **生产能力（吨／小时）—开路循环 闭边排矿口**  **Capacity(t/h)——open circuit,closed discharge(mm)** | | | | | | | | | | |
| **3** | **5** | **6** | **9** | **13** | **16** | **19** | **22** | **26** | **32** | **38** |
| **SMH120DC** | 70 | 6-19 | 75-90 |  |  | 59 | 68 | 96 | 110 | 130 |  |  |  |  |
| **SMH120DM** | 51 | 5-16 |  | 45 | 59 | 68 | 96 | 110 |  |  |  |  |  |
| **SMH120DF** | 35 | 3-13 | 30 | 45 | 50 | 65 | 90 |  |  |  |  |  |  |
| **SMH180DC** | 70 | 6-19 | 75-90 |  |  | 72 | 90 | 108 | 131 | 158 |  |  |  |  |
| **SMH180DM** | 51 | 5-16 |  | 68 | 76 | 95 | 118 | 145 |  |  |  |  |  |
| **SMH180DF** | 35 | 3-13 |  | 70 | 82 | 95 | 120 |  |  |  |  |  |  |
| **SMH250DC** | 89 | 9-22 | 160-220 |  |  |  | 100 | 120 | 145 | 175 | 210 |  |  |  |
| **SMH250DM** | 70 | 6-16 |  |  | 82 | 105 | 130 | 160 |  |  |  |  |  |
| **SMH250DF** | 54 | 5-16 |  | 80 | 90 | 110 | 135 | 160 |  |  |  |  |  |
| **SMH**  **350DEC** | 133 | 13-25 | 250-280 |  |  |  |  | 280 | 310 | 340 | 370 | 390 |  |  |
| **SMH350DC** | 133 | 10-25 |  |  |  | 210 | 280 | 310 | 340 | 370 | 390 |  |  |
| **SMH350DM** | 89 | 6-19 |  |  | 130 | 168 | 215 | 260 | 290 |  |  |  |  |
| **SMH350DF** | 70 | 6-13 |  |  | 130 | 168 | 215 |  |  |  |  |  |  |
| **SMH**  **550DEC** | 203 | 16-25 | 400 |  |  |  |  |  | 510 | 600 | 630 | 680 | 720 | 750 |
| **SMH550DC** | 178 | 13-25 |  |  |  |  | 455 | 488 | 552 | 600 | 620 | 698 |  |
| **SMH550DM** | 133 | 10-19 |  |  |  | 355 | 420 | 460 | 530 | 545 | 580 |  |  |
| **SMH550DF** | 105 | 6-16 |  |  | 220 | 310 | 375 | 428 | 482 | 497 |  |  |  |

**top.jpg拆卸外形尺寸和重量** **Clearance Dimensions and Weight**



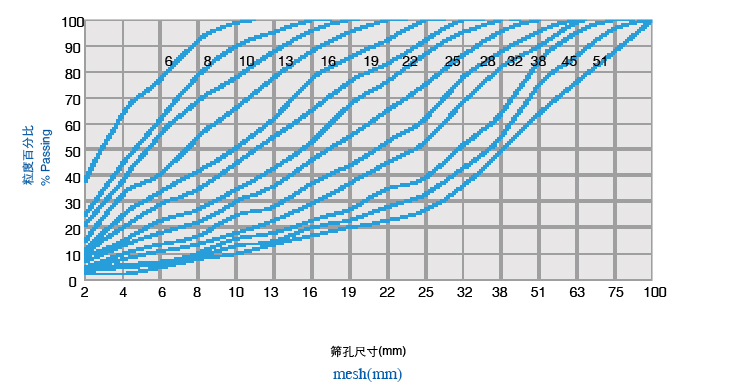
**技术参数** **Technical Data**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **拆卸外形尺寸和重量**  **Clearance Dimensions and Weight** |  | **单位**  **Unit** | **破碎机规格 Crusher Specifications** | | | | |
| **SMH120** | **SMH180** | **SMH250** | **SMH350** | **SMH550** |
| 机架底面至底部油管最低点  Distance between rack bottom and oil pipeline at the bottom | A | mm | 377 | 263 | 593 | 850 | 1020 |
| 机架底面至给料斗顶部  Distance between rack bottom and hopper top | B | mm | 1737 | 1810 | 2119 | 2496 | 3290 |
| 拆卸传动轴部所需水平空间  Horizontal space at the time of drive shaft disassembling | C | mm | 1773 | 1833 | 2396 | 3510 | 4420 |
| 破碎机中心线至传动轴外端面  Distance between centre line of crusher and outside end surface of drive shaft | D | mm | 1191 | 1191 | 1566 | 2465 | 2968 |
| 地脚螺钉位置尺寸  Size of bolt position | E×E | mm | 1380 | 1380 | 1766 | 2260 | 2490 |
| 底盖直径  Diameter of bottom cap | F | mm | 540 | 400 | 686 | 800 | 927 |
| 拆卸主轴部所需高度空间  Vertical space at the time of main axis disassembling | G | mm | 2538 | 2233 | 3353 | 4065 | 5860 |
| 机架底面至支撑套顶部  Distance between rack bottom and top of supporting ring | H | mm | 1074 | 1147 | 1324 | 1705 | 2431 |
| 支撑套最大直径  Max diameter of supporting ring | J | mm | 1740 | 1740 | 2258 | 3620 | 3721 |
| 拆卸调整套部所需高度空间  Vertical space at the time of adjustment set disassembling | K | mm | 2387 | 2460 | 2937 | 3755 | 4576 |
| 破碎机总重  Total Weight |  | kg | 12500 | 13500 | 24200 | 45850 | 86700 |

top.jpg不同排料口（mm）条件下，产品粒度特性（通过方孔筛mm的百分比%）

Product Gradation Table (%passing through square mesh depending on the setting)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 排  矿  口  c.s.s.  筛  孔  mesh | 6 | 8 | 10 | 13 | 16 | 19 | 22 | 25 | 28 | 32 | 38 | 45 | 51 |
| 2 | 38 | 25 | 21 | 15 | 11 | 10 | 9 | 7 | 5 | 4 | 3 | 3 | 2 |
| 4 | 64 | 45 | 38 | 33 | 25 | 20 | 15 | 13 | 10 | 8 | 6 | 5 | 2 |
| 6 | 77 | 62 | 56 | 41 | 34 | 29 | 23 | 18 | 14 | 11 | 7 | 6 | 5 |
| 8 | 92 | 79 | 69 | 55 | 42 | 35 | 27 | 22 | 17 | 14 | 10 | 9 | 8 |
| 10 | 99 | 90 | 78 | 66 | 51 | 45 | 35 | 30 | 25 | 18 | 16 | 13 | 10 |
| 13 | 100 | 95 | 88 | 78 | 62 | 55 | 43 | 36 | 28 | 23 | 18 | 15 | 14 |
| 16 |  | 100 | 96 | 88 | 77 | 65 | 53 | 46 | 37 | 29 | 23 | 20 | 17 |
| 19 |  |  | 100 | 95 | 85 | 76 | 67 | 55 | 44 | 37 | 27 | 23 | 20 |
| 22 |  |  |  | 100 | 92 | 83 | 76 | 65 | 53 | 45 | 35 | 28 | 23 |
| 25 |  |  |  |  | 100 | 92 | 87 | 75 | 62 | 53 | 39 | 33 | 27 |
| 32 |  |  |  |  |  | 100 | 95 | 86 | 78 | 68 | 52 | 43 | 36 |
| 38 |  |  |  |  |  |  | 100 | 96 | 88 | 82 | 64 | 55 | 50 |
| 51 |  |  |  |  |  |  |  | 100 | 96 | 90 | 84 | 75 | 64 |
| 63 |  |  |  |  |  |  |  |  | 100 | 99 | 95 | 86 | 76 |
| 75 |  |  |  |  |  |  |  |  |  | 100 | 100 | 97 | 88 |
| 100 |  |  |  |  |  |  |  |  |  |  |  | 100 | 100 |

**粒度分布曲线** **Gradation Curves**

注：表中粒度与给料粒度、破碎腔型、含水量、物料密度、可碎性、含泥量等因素有关。

Note: The gradation shown are depend on the feed gradation, the crushing chamber, the material density, the material mud content, its moisture and its crushability.