

The design philosophy and function of BRV hammer mill crusher

The Hammer Mill Crusher is ideal for crushing all types of glass, including container/float/electronic glass etc.)

The Hammer Mill Crusher consists of a solid casing, wear-resistant flying hammers made of electro-cast steel alloy and adjustable impact wall in resistant design. If requested, the turning speed of the rotor can be variably regulated via a V-belt drive;

The capacity range of the BRV crusher reach up to 50t/h;

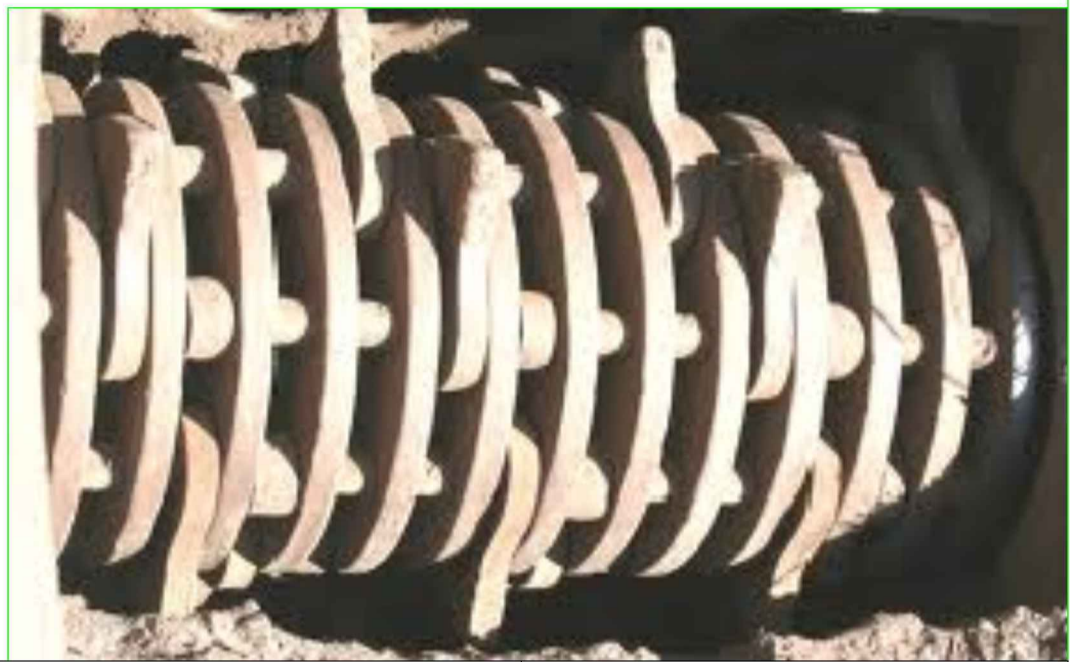
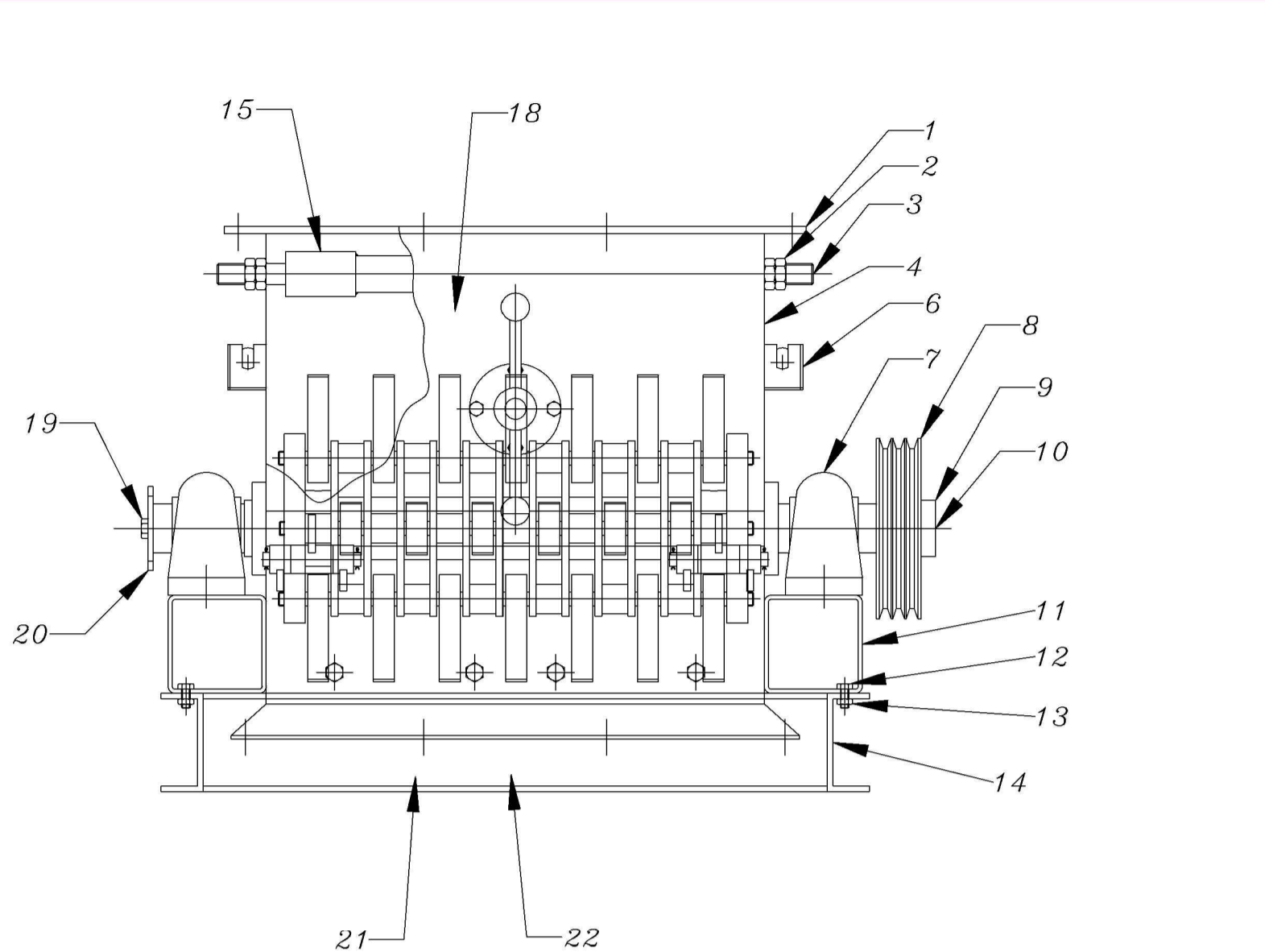
All parts which are in contact with the glass, e.g. hammers impact wall, impact bar and side wall lining, are made of highly wear-resistant electro-cast steel alloy. Therefore, a long working life is guaranteed.

For many special type of glass, different execution in design, e.g. different impact bars and the fitting in of grills, were developed. Therefore, the final crushing of laminated and wired glass as well as of textile glass and glass wool is also possible.

Technical Data :


| Type | BRV30 | BRV50 | BRV70 | BRV100 | BRV101 |
|--------------------------|---------|---------|---------|----------|-----------|
| throughput* (t/h) | 0,5-3 | 3-8 | 8-18 | 18-30 | 12-30 |
| short term* (t/h) | Max6 | Max12 | Max20 | Max35 | Max40 |
| Weight approx.(kg) | 700 | 1000 | 1300 | 1600 | 1900 |
| Drive capacity(kw) | 2,2 | 3 | 5,5 | 7,5 -11 | 18,5 - 30 |
| number of hammers | 10 / 20 | 18 / 36 | 26 / 52 | 38 / 76 | 38 / 76 |
| Feeding opening (mm)(mm) | 300x300 | 300x500 | 300x700 | 300x1000 | 300x1000 |

- Suitable for crshing all types of glass
- Granulometry adjustable in a wide range
- Low wear
- Simple exchange of hammers and impact bar
- Low energy consumption, low maintenance
- Low vibrations during operation, therefore no need for foundation



| | | | |
|------|------|----------------------------------|------------------|
| 36 | 1 | STATIONARY FRAME | |
| 35 | 6 | IMPACT SHOES | MAGNETIZED STEEL |
| 34 | 4 | PIVOT | |
| 33 | 1 | ADJUSTMENT ASSEMBLY | |
| 32 | 1 | JOINT FLANG | |
| 31 | 4 | M12 HEX. NUT & SCREW | |
| 30 | 1 | RUBBER SHIELD | |
| 29 | 1 | DRIVING MOTOR 5,5KW | |
| 28 | 3 | V BELT No. | |
| 27 | | GUIDE PLATE | |
| 26 | 1 | FRONT PLATE BODY | |
| 25 | 1 | TOP PLATE BODY | |
| 24 | 2 | HANDLE | |
| 23 | 2 | GUIDE PLATE | |
| 22 | 40 | M16 HEX. NUT & SCREW | |
| 21 | 1 | ROTOR MECHANISM | |
| 20 | 1 | ROUND SUPPORT | |
| 19 | 2 | M16 HEX. SCREW | |
| 18 | 1 | REAR PLATE BODY | |
| 17 | 1 | IMPACT MEC. PLATE | |
| 16 | 18 | IMPACT MEC. M20 NUT& SCREW | |
| 15 | 2 | IMPACT MEC. BUSHING | |
| 14 | 1 | CRASHER BED | |
| 13 | 8 | M12 HEX. NUT | |
| 12 | 8 | M12 HEX. SCREW | |
| 11 | 2 | (□) 140 SUPPORT HOUSING | |
| 10 | 2 | M16 HEX. SCREW | |
| 9 | 1 | LUCK BUSHING | |
| 8 | 1 | V-BELT PULLEY | |
| 7 | 2 | SPLIT HOUSING No.: SNH 516-613 | |
| 6 | 2 | SWINGING CLAMP | |
| 5 | 15 | IMPACT SHOES malleable cast iron | |
| 4 | 1 | BODY PLATE MOVABLE | |
| 3 | 1 | IMPACT MEC. SHAFT | |
| 2 | 4 | M30 HEX. NUT&LUCK NUT | |
| 1 | 1 | HOPPER FRAME | |
| POS. | QTY. | DESCRIPTION | NOTES |

| | | | | | |
|----------|-------------|-------|--------|------|-----------|
| DRA. | DATE: | NAME: | SCALE: | QTY: | WEIGH: |
| DES. | | | | | FREE TOL: |
| CON. | | | | | |
| APP. | | | | | |
| DRAW NO: | CRUSHER.DWG | | | | |
| SUBJECT: | CRUSHER | | | | |
| SHEET: | SHEETS: | SUB | | | |



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