

REDRIPPER “BRAVO”: THE BEST FRIEND OF YOUR HAMMER MILL



The BRAVO ‘redripper’, with horizontally counter-rotating shafts, is used upstream of hammer mills in scrap mills, to coarsely and homogeneously crush mixed scrap, bulky scrap and E.L.V. It is in particular used to rip bales of E.L.V., light and collected scrap, to facilitate feeding and make uniform the subsequent ripping operation at the mill.

BRAVO: is equipped with an original OVERSTROKE ‘OSD’ swinging inclined base (patented), which increases productivity, facilitates the gripping of particularly bulky materials and avoids floating scrap at the entrance to the ripping zone.

BRAVO is an indispensable technology in shredding and sorting plants for ferrous and non-ferrous scrap metal because:

- Eliminates the cause of explosions in the shredding chamber;
- Reduces and optimises the energy consumption of the grinding process;
- Avoids absorption peaks by letting the mill ‘digest’ pre-crushed and homogeneously sized material;
- Significantly increases the service life of wear plates, grids and hammers;
- Enables smaller mills to process more material efficiently with an even flow of scrap, by pre-shredding E.L.V. as they are or in bales.

| REDRIPPER "BRAVO" | | B12 | B15 | B16 | B.MAX |
|-------------------------|------------------|------|------|------|-------|
| Rotor external diameter | mm | 1200 | 1350 | 1600 | 1800 |
| Counter rotating shafts | n. | 2 | 2 | 2 | 2 |
| Low speed rotor | r/1' | 2 | 3 | 3 | 4 |
| High speed rotor | r/1' | 8 | 12 | 12 | 16 |
| Main motors | Kw | 510 | 760 | 950 | 1000 |
| Flap motor | Kw | 55 | 55 | 55 | 55 |
| Output | t/h | <40 | <80 | <100 | <120 |
| Maximum bale density | t/m ³ | 0,8 | 0,8 | 0,8 | 0,8 |
| Indicative weight | t | 60 | 90 | 100 | 120 |

