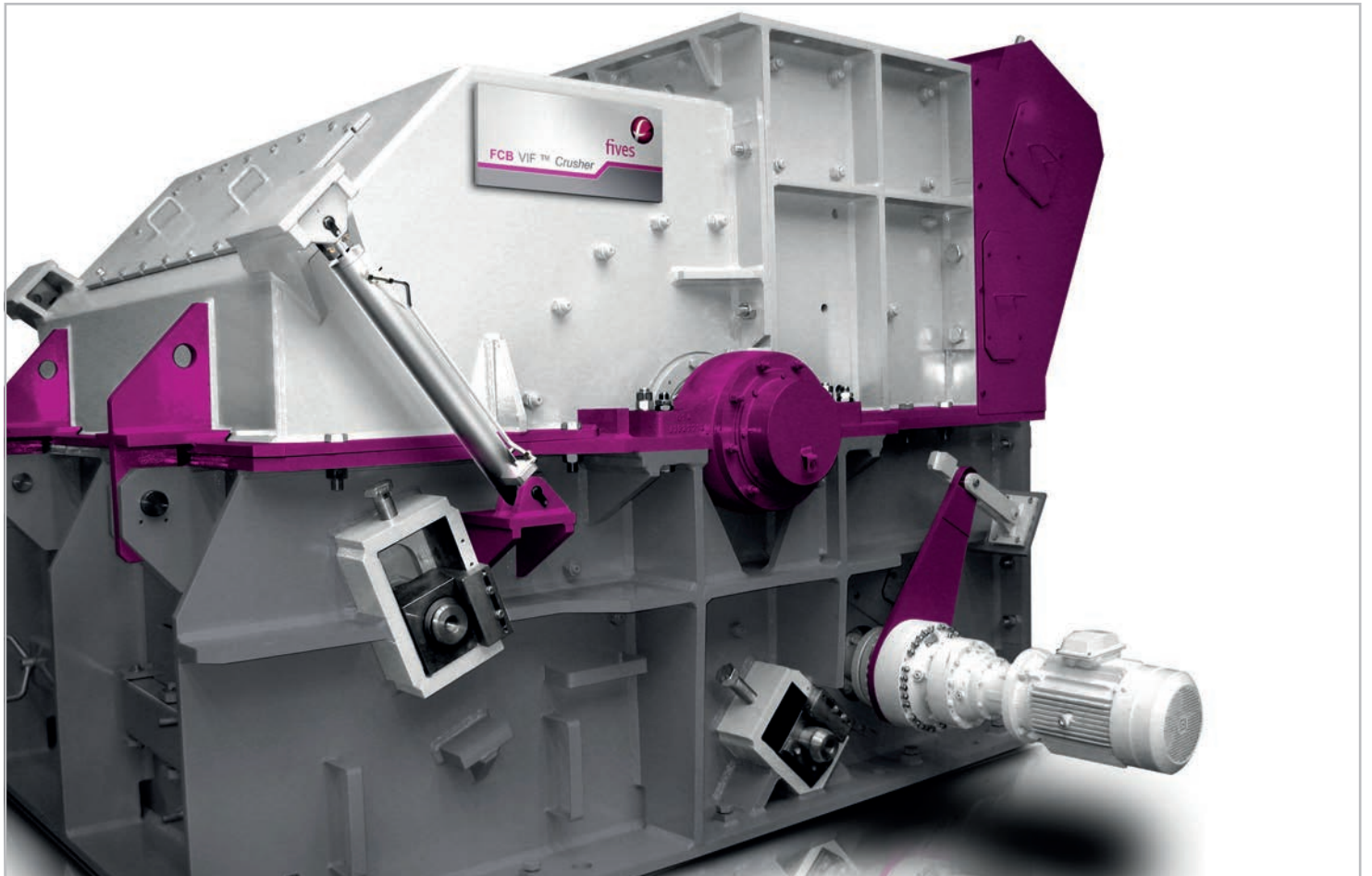


FCB VIF™ Crusher

Swing-hammer crusher with anti-clogging
Mobile Anvil Device



FCB VIF™ Crusher offers the best percussion grinding technology with the minimum costs

- Fully operational for wet, sticky and clogging products
- High crushing reduction ratio
- Long lifetime equipment with reduced and easy maintenance
- Wide range of applications for primary or secondary crushing: cement raw materials preparation (limestone, clay, shale and muddy materials), minerals crushing (phosphates, bauxite, iron ore, gypsum, aggregates...)

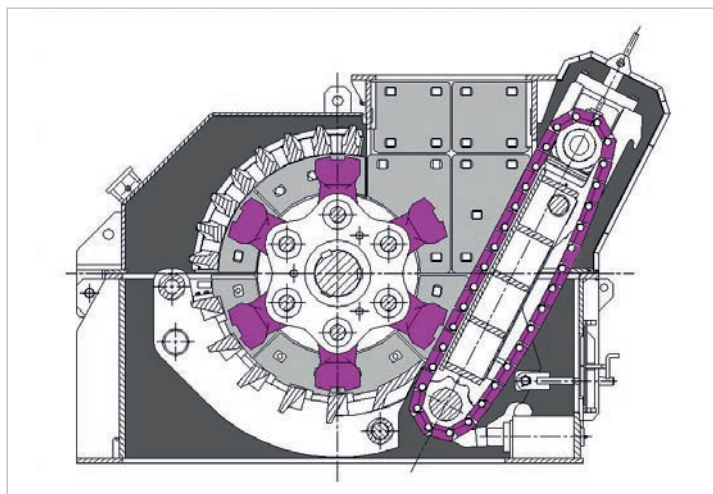
FCB VIF™ Crusher, impact hammer crusher with anti-clogging Mobile Anvil Device (MAD)

Thanks to its singular design, FCB VIF™ Crusher handles wet and sticky raw materials for primary and secondary crushing with the lowest maintenance needs.

KEY COMPONENTS

Long lasting equipment with proven ultra-robust design:

- One-piece welded steel frame
- Heavy duty forged high speed rotor
- 6 rows of staggered light or heavy hammers
- Adjustable crushing bars and crushing gap
- Traveling breaker plate (MAD) driven by a low speed gear motor pushing down the material into the crushing area of the machine
- Trolley for easy MAD maintenance
- Wear resistant manganese steel for wearing parts (breaker plate, liners, hammers)



ADVANTAGES

- Anti-clogging crushing thanks to MAD design
- Fine setting of output grainsize
- Easy adjustment of both mobile anvil and crushing bars for wear compensation
- Perfectly retractable hammers to avoid mechanical damages when fed with too large blocks
- Quick maintenance thanks to hydraulic hood opening and hammer pins extraction jack to easily remove wear parts

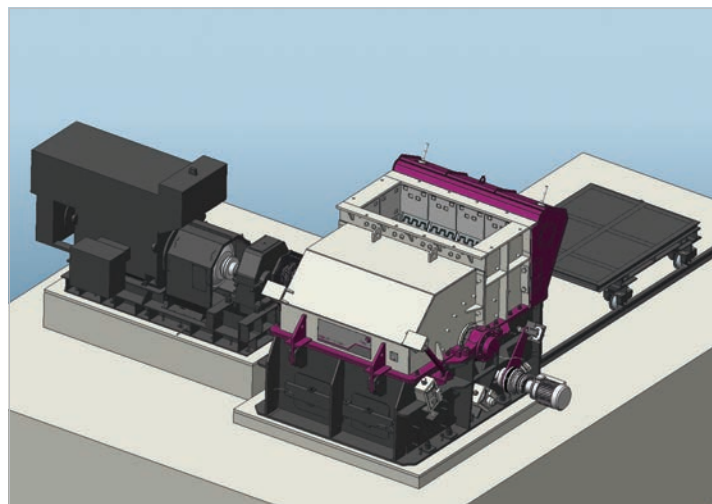


APPLICATIONS

FCB VIF™ Crusher is designed for primary and secondary applications.

Example for medium-hard limestone:

- In primary application, FCB VIF™ Crusher is fitted with an inertia flywheel and can accept over 1m³-sized blocks to obtain, on average, -40 mm with 70% below 25 mm
- In secondary application, the feed size is up to -300 mm to produce a typical -20 mm product in open circuit



- Fully operational for sticky and clogging raw materials
- High tolerance to moisture (5 to 15%)
- Long lifetime equipment
- Reduced maintenance operations and costs
- High crushing reduction ratio
- Wide range of applications and capacities
- Flexible proposal with customized options to perfectly meet requirements