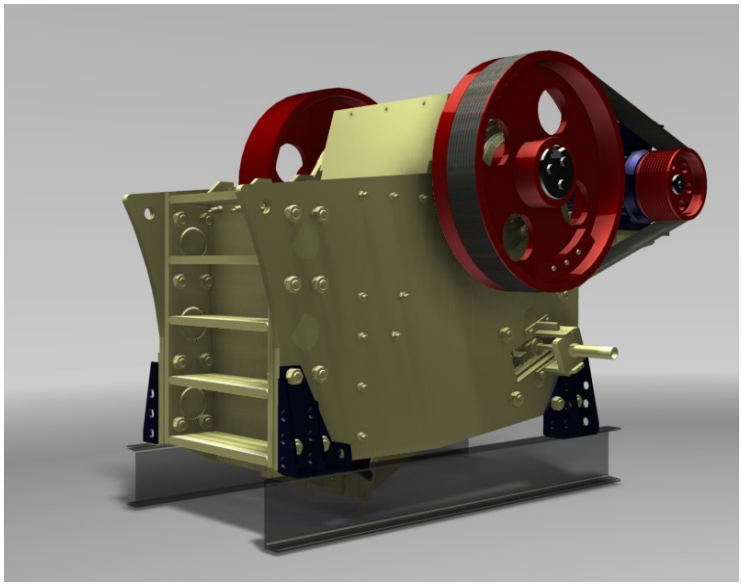
VIBFEM

JAW CRUSHERS SERIES GJ



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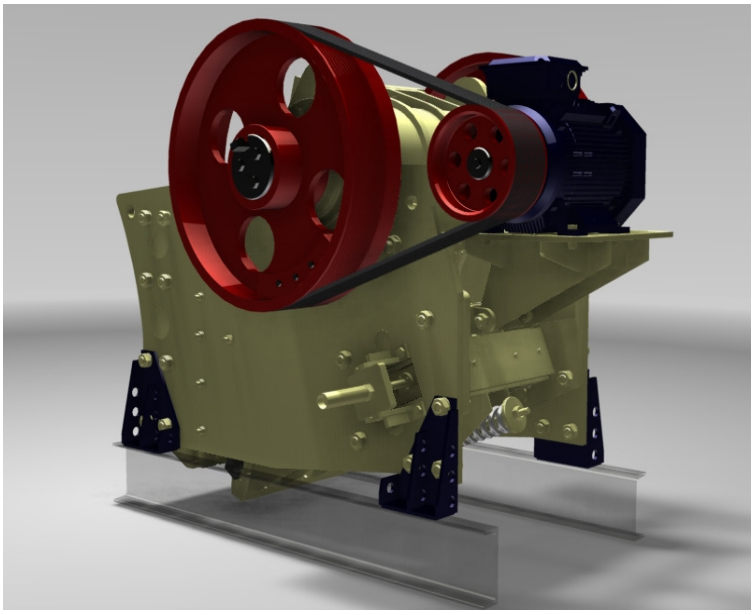
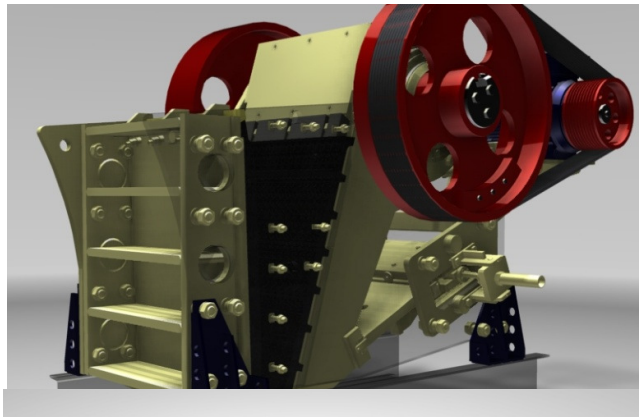
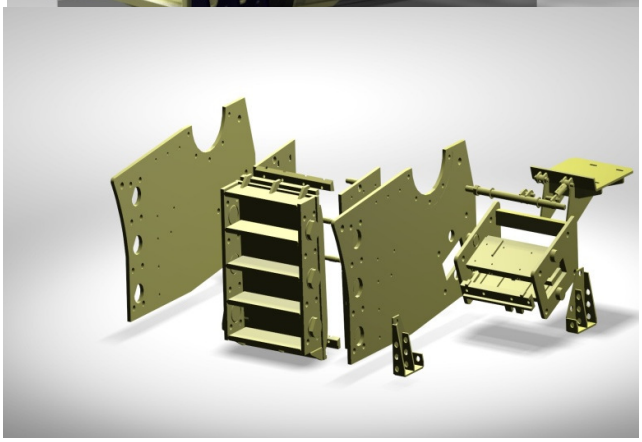


GJ series crushers are result cooperation of international design team. Years of experience has enabled engineers to construct a modern, competitively priced and inexpensive to operate machine



Advantages (compared to previous versions)

Improved kinematics of the pendulum, improved angle and position of jaws, increased motor power, increased number liners to choose from - depending on the crushed material. All these factors contributed significantly to improved productivity and efficiency of the machine.

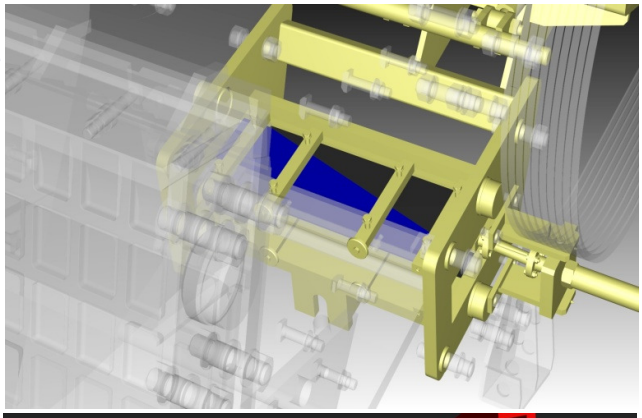


Modular design – bolted body:

Modular design allows to install the machine in tight spaces and therefore reducing the costs associated with the transportation and installation of the crusher. With the feet also bolted to the body there is a possibility to seat machine in place of the old crusher, and adjust angle of the machine up to 12 degrees for better material feed.

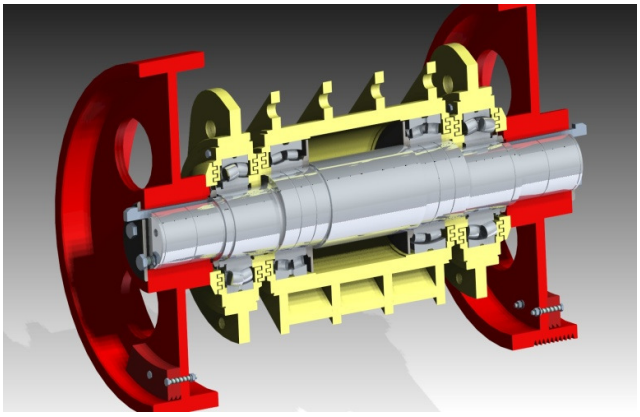
Gap adjustment:

With the implementation of wedges, adjusting the gap is much easier, more precise and safer. GJ crushers design allows to use interchangeably two systems for gap adjustment; hydraulic - automatically controlled from the control room and manual.



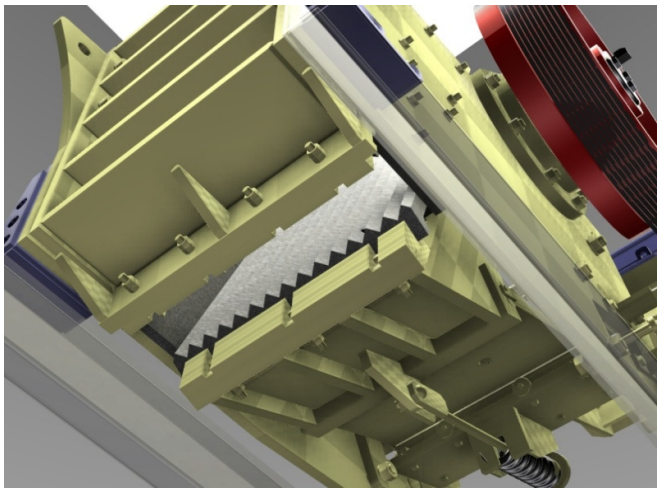
Assembly and disassembly:

Many years of experience in the construction, maintenance and repair of crushers helped to design crushers that are easier to assemble and disassemble then competitors' machines. Some of the solutions are application of hydraulic wedge for bearing removal and replacement of key connections by wedges.



Longer time between overhauls:

New design solutions and materials used in GJ crushers construction contribute to increased component life and reduced weight of the machine.
Oversized bearings allow for longer trouble-free operation of crushers
Spare parts for crushers are designed in such a way that they can be easily replaced with small lifting devices.



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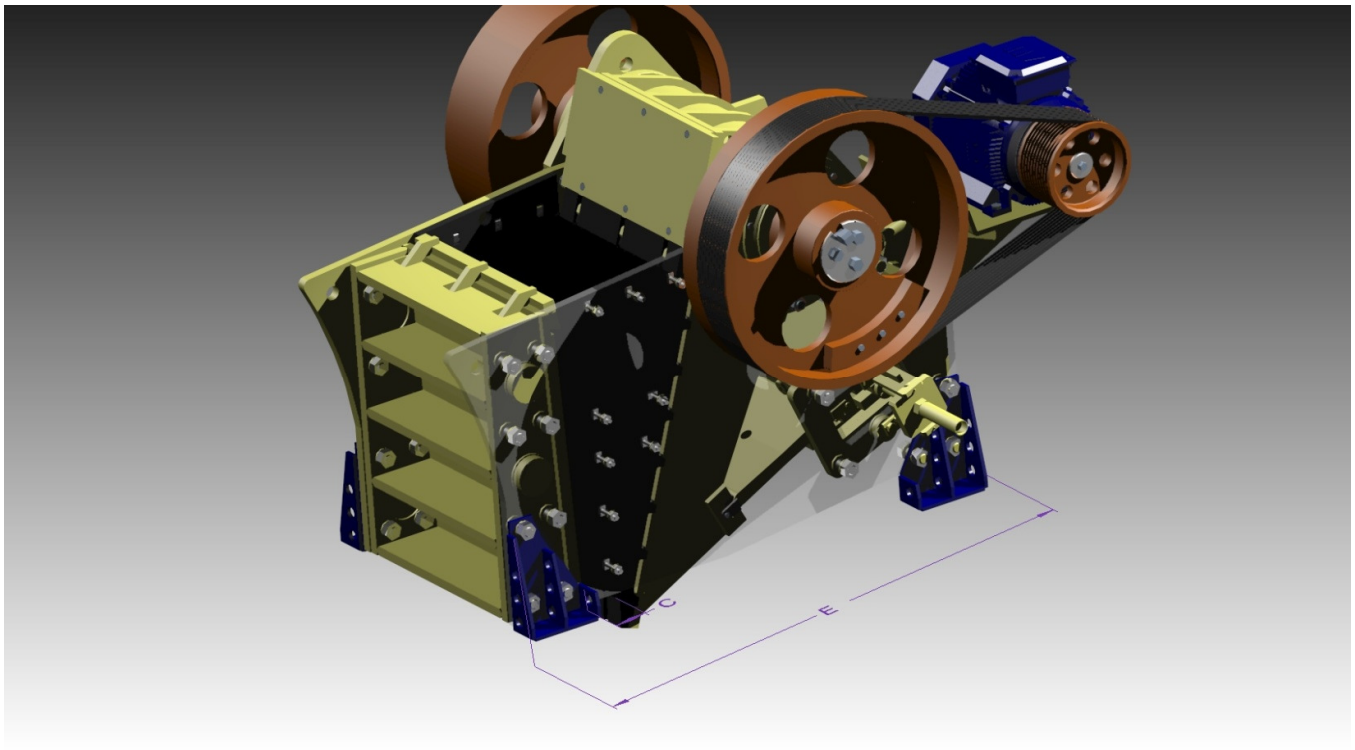
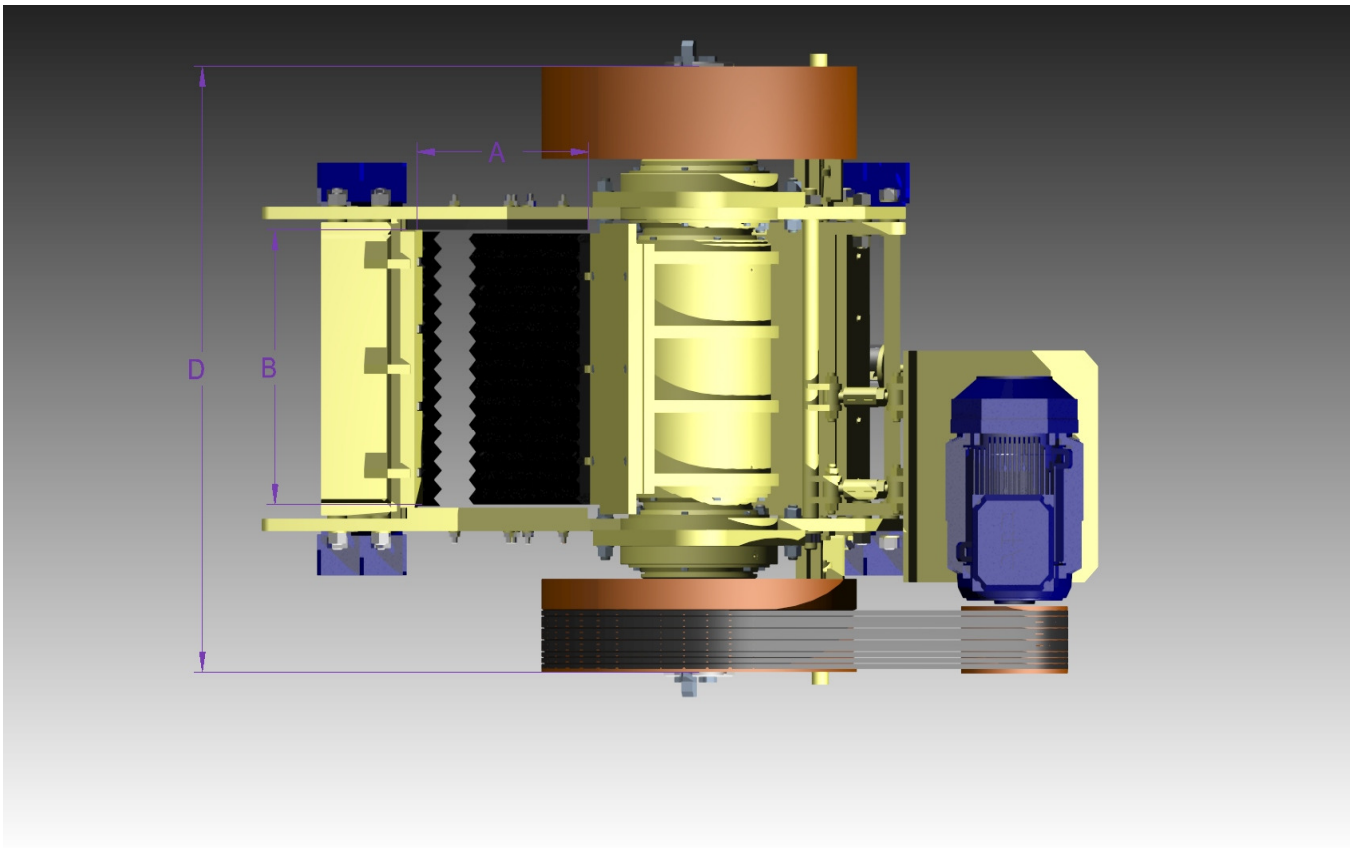
SPECIFICATION





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Indicative product gradation.

Crusher	Feed opening	CSS [mm]	Capacity [Mt/h](approx	Power [kW]	Weight without motor [kg]	Crusher body construction
GJ-3	300x200	6-30	Up to 20	11-15	1400	Bolted or welded
GJ-6	600x300	20-70	Up to 80	22-30	2800	Bolted or welded
GJ-7	700x400	40-110	Up to 140	45-55	6800	Bolted or welded
GJ-8	800x500	50-125	Up to 200	55-75	7900	Bolted or welded
GJ-9	900x600	75-150	Up to 300	75-90	9500	Bolted
GJ-10	1000x750	80-200	Up to 450	110-130	24000	Bolted
GJ-11	1100x850	110-220	Up to 580	130-160	26000	Bolted
GJ-12	1200x900	120-250	Up to 600	130-160	41000	Bolted
GJ-13	1350x1050	150-300	Up to 800	160-200	48000	Bolted

The above figures represent through the crusher capacities, which are based on a feed material with an average specific gravity of 2.7 t/m3, a maximum feed size that will enter the crusher without bridging and material finer than the crushers closed side setting removed. The capacities may vary depending on the feeding method and on feed characteristics such as gradation, bulk density, moisture, clay content and crushability.

Measurement of the crusher's closed side setting varies depending on the jaw profile that is being used and has an impact on the crusher's capacity and product gradation. The following factors will enhance crusher capacity and performance:

1. Proper selection of the jaws.
2. Proper feed gradation.
3. Controlled feed rate.
4. Sufficient feeder capacity and width.
5. Adequate crusher discharge area.
6. Discharge conveyor sized to convey maximum crusher capacity