

# Close-up of the world's largest excavator super monster, weighing up to 13,500 tons

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Bagger 288 is an order from the mining company Rheinbraun. It took engineers five years to plan the design and production, and the time to assemble this giant machine took another 5 years.



Because it is quite bulky and very heavy, although equipped with a large capacity engine, Bagger has a maximum speed of 10m / min to ensure safety. This speed lags far behind other giant machines.

Bagger 288 works in open mines. This excavator uses 18 rotating buckets as a continuous shovel to dig stones. It can move 240,000 cubic meters of rock every day. This huge machine only needs 3-4 workers to be able to collect 265,000 tons of fuel a day.

Disassembling the machine and transporting parts was difficult due to the expensive cost, so Bagger 288 has only had to move from one mine to another in 2001.

## The startling numbers are about Bagger 288

**4** : Four conveyor belts, each with a width of 3.2m transport materials at 18 km / h.

**800** : The total tire area of 800m<sup>2</sup> is for Bagger, weighing 13,000 tons at a speed of 0.6 km / h.

**1,700** : The total length of wires used on this machine is 1,700 meters, it consumes as much electricity as a city of 20,000 people.

**40,000** : Need 40,000 tons of paint to cover the entire machine, including two pillars 45 m high and 2,200 m steel cable car.

**22** : The machine has 18 buckets, each weighing 3,500 kg, 22m high, equivalent to a 7-storey building and can excavate 6.5 m<sup>3</sup> of rock and soil, enough to fill a cargo truck.

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