

Hydraulic breakers from Chicago Pneumatic help Indian metal quarry increase productivity

A rig-mounted hydraulic breaker from international construction equipment manufacturer Chicago Pneumatic has enabled one of the leading blue metal quarries in the Indian state of Gujarat to increase its productivity by 40%. As a result of purchasing a RX14 medium hydraulic breaker, Sushmit quarry has experienced significant savings on its operational costs, and in the process become one of the main customer references for Chicago Pneumatic equipment in the region. As a result, the quarry has helped the RX range gain a strong reputation across Gujarat's metal quarry industry, with nine light and medium RX breakers, including RX8 and RX14 models, being sold in less than three months.

With over 20 years of experience in the blue metal industry, Sushmit is a well-known business in Gujarat. The company recently turned to the Chicago Pneumatic RX14 breaker to find a solution to the time-consuming and expensive secondary drillings that were often needed to shape metal boulders and make them suitable for crushers. *"My top priority was to produce metal with less operational costs so I chose Chicago Pneumatic equipment, which has, for decades, had a strong reputation in the Indian market"*, said the Director of Sushmit quarry, Monish Patel. *"After reading about the RX14 breaker, I was impressed to hear about its innovative features, including a new double body system and a compact design with less moving parts."* After subsequently witnessing an on-site demonstration of the RX14 breaker's potential, Mr Patel had no doubt about purchasing it.

With over 5000 hours of work to date, the rugged and reliable RX14 hydraulic breaker has lived up to Mr Patel's expectations and proved a great fit for Sushmit quarry, which has dramatically improved its efficiency and productivity. *"Thanks to the RX14 I can now obtain the desired size of boulder for my jaw crusher"*, comments Mr Patel. *"As a result, secondary drillings have been reduced by 80% and I have experienced significant savings on labour costs"*. In addition, the quarry's consumption of explosives for use in breaking operations has been drastically reduced, with further savings being achieved, and the quarry's overall production increasing by 40%.

Not only has Sushmit quarry benefited from the RX14's performance, but also the excellent after-market support offered by the Chicago Pneumatic team. Thanks to its successful relationship with Chicago Pneumatic, the quarry has been instrumental in providing enthusiastic word of mouth references for the brand across the Gujarat region, which has enabled the brand to strengthen its position in the local market. With over 18 blue metal quarries located in close proximity of Sushmit, Chicago Pneumatic has witnessed a sharp increase in its sales of light and medium RX breakers, which are used both for primary and secondary demolition applications.

With a service weight of 800 kg and an impact rate between 650 and 850 bpm (blows per minute), the RX14 is a robust and durable medium size hydraulic

breaker. With few components and only two moving parts, it offers a high grade of reliability and, thanks to its recoil absorbing concept and polyurethane insulated breaker box system, is one of the most silent breakers on the market. Other innovative features include hybrid technology for higher impact energy, an internal control valve for higher efficiency and a power booster for higher performance. Finally, a central lubrication port makes the RX14 extremely easy to maintain.