

KIRPY

MEDIA RELEASE

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BROONS AIMS BIG WITH SMALLER KIRPY BPB SERIES ROCK-CRUSHER

Broons continues to lead the way in developing an environmentally friendly method of rehabilitating worn unsealed road pavements by using their unique PTO driven Kirpy WX300 Rock Crusher. Now, the internationally recognised crushing and compaction specialist is aiming to significantly increase sales of its smaller brother, the BPB200, in the Australian market.

Kirpy Rock Crushers provide an economical solution to a massive Australia-wide problem while at the same time being environmentally friendly through making use of a valuable resource already on the job.

The larger Kirpy WX300 has been used by councils with great success to rehabilitate unsealed roads throughout Australia for over six years and can either be purchased outright or hired complete with tractor from Broons. Its 2.75 metre working width means that it is possible to restore a normal rural road with a single pass in each direction, thereby making it extremely cost effective.

The Kirpy BPB200 is equally as tough as its big brother and operates in the same way. The only difference is that its working width is 1.8 metres. It has eight toughened carbide-tipped hammers that can crush 300mm plus rock to 30mm minus product in-situ at the rate of about 100m³ an hour.

The BPB200 can be quickly connected to the three-point linkage of a 120 hp tractor with constant variable transmission and its simple one-person operation is OH&S friendly. Since routine maintenance is minimal, crushing can commence within just minutes of arriving at the site and fuel savings of up to \$50,000 p.a. are possible over alternative older crushing methods that use an additional engine.

The Kirpy BPB200 is a rugged, durable, quality machine with simple dual poly V-belt drive, sealed bearings and hydraulically adjustable anvil featuring a hydro-pneumatic safety device that makes this machine the best performer for its size in the market. Carbide tipped crushing hammers are easy to change and replaceable hardened wear plates in the crushing chamber are significant features of all Kirpy Rock Crushers and are readily available through Broons' renowned after-sales service.

Broons Director, Stuart Bowes, believes that it is far more environmentally acceptable, as well as cost efficient, to crush the material on the road rather than continue to open or expand borrow pits around the bush searching for gravel sources to be used in the





rehabilitation of worn rural road pavements.

“The rock has often been carted on to the road years beforehand and laid down when crushing and compaction equipment was nowhere near as good as that available today. With the long drought we are experiencing, most of the fines have worn or been blown away leaving only the hard oversize rock protruding from the pavement. This leads to excessive wear on plant and vehicles, as well as an increased risk of punctures and tyre damage”, says Stuart.

Rip, Crush, Compact, is the concept Broons have developed, and is a three stage process to eliminate the problem and remove the need to import costly additional gravel.

Using a grader, the existing pavement can be ripped to around 150mm or 200mm depth. For a normal dual lane rural road, the material is placed in two windrows then crushed using the Kirpy Rock Crusher. With deeper pavements, the Kirpy can crush the rock in-situ without the need to create a windrow. Water added during crushing to minimise dust is retained in the finished product to aid compaction.

“Suitable rock for road construction is a finite resource and it makes good environmental sense to be using a resource already in place. Utilising the Kirpy BPB200 or WX300 Rock Crusher saves on excavation, cartage and placement of additional material. It minimises the need to increase or open borrow pits and quarries, and it virtually eliminates damage to plant and vehicles due to rock damage. It simply makes good sense”, claims Stuart.



Broons are the Australasian distributors for the Kirpy range of Rock Crushing equipment made in France. Two models - the BPB200 and the larger WX300 - are available for hire or purchase for construction purposes, while other models are available for agricultural applications. Broons can be contacted on (08) 8268 1988, by e-mail at info@broons.com, or through their website www.broons.com.

