

KIRPY

MEDIA RELEASE

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LOCAL GOVERNMENT USES KIRPY'S ENVIRONMENTAL SOLUTION TO SOLVE THEIR HARD PROBLEM

Many councils and shires in Australia have solved their hard problem by using the unique PTO driven Kirpy Rock Crusher marketed by international crushing and compaction specialists, Broons. The progressive shires are at the forefront in road construction by using the environmentally friendly Kirpy method of rehabilitating worn unsealed road pavements.

These councils have made efficient use of Kirpy's rock crushers over the last six years to upgrade their unsealed rural roads and all have reported significant improvement in pavement quality and reduced maintenance.

"It's no longer acceptable to the wider community that we 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, when often there is adequate material on the road, it's just the wrong size", says Stuart Bowes, Director of Broons.

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

"The rock has been carted onto the road, often years beforehand, and laid down when crushing and compaction equipment was no where 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, and increases the risk of punctures and tyre damage", says Stuart.

Rip, Crush, Compact, is the concept Broons have developed using the Kirpy Rock Crushers - a three stage process that is designed 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 deep. For a normal dual lane rural road, the material is placed in two windrows and then crushed using the Kirpy Rock Crusher. With deeper pavements, the Kirpy can crush the rock insitu without the need to create a windrow. Water added during crushing to minimise dust is retained in the finished product





to aid compaction.

The Kirpy WX300 Rock Crusher is extremely productive and cost effective, capable of producing over 200m³ per hour, of nominal 40mm minus gravel suitable for resheeting, far in excess of that achievable with alternative methods.

It is these productive numbers that attract the shires to use the WX300.

As suitable rock for road construction is a finite resource it makes good environmental sense to be using a material that is already on the job.

Using the Kirpy 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 excessive damage to plant and vehicles due to rock damage. Also, the operators find the machine is easy to use and is extremely durable. All-up it simply makes good sense financially and environmentally.

Broons pride themselves on their hard-won and jealously guarded superb back up support and after sales service, something that is much appreciated by its customers in all of its market segments.

Broons are the Australasian distributors for the Kirpy range of Rock Crushing equipment made in France. Several models are available in Australia for various applications, and the BPB200 and the larger WX300 are suited to road construction.

