

MEDIA RELEASE

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"BROONS BH-1220 ROCKBUSTER IT'S A LOAD OF OLD RUBBISH"

Scandinavian environmental laws are some of the most stringent found anywhere in the world and an Aussie invention is marking its mark in Norway.

Delivered during 1997, the BH-1220 Rockbuster fitted with a 200kW Caterpillar 3306TA diesel engine and manufactured by Adelaide firm Broons Hire (SA) Pty Ltd, has proven more than capable at reducing the massive volume of industrial hard and soft waste delivered daily to the refuse centre in Arnes, north of the Nordic capital, Oslo.

Using the Rockbuster is use to crush waste in layers after spreading across the landfill, results have indicated significant improvements in the potential lifespan of landfills simply by compressing more "crushed" refuse into the same space. While specialist landfill compactors produce some benefits, often they are not fully realised as refuse is not being properly sorted and treated before compaction resulting in costly wasted capacity. Hard materials such concrete and timber produce a bridging effect in landfills, preventing heavy compactors from fully compressing the refuse beneath, leaving potential weak zones that present problems down the track when considering future development of the site.

Broons have this problem answered also, by recommending the application of their massive 13.8 tonne BH-1300 "Square" Impact Roller, proven to overcome even the most difficult density problems. With 50kJ of energy in each blow, the "Square" Impact Roller is highly productive at around 1500m² per hour.

When used on the landfill, the Broons BH-1220 Rockbuster is towed by a mid range tracked dozer at slightly higher speed than when used for its original purpose of crushing rock. "The hammer shaft rotating at close to 200kph finds little resistance from the refuse hence the higher travel speed and increased productivity", said Stuart Bowes, Manager for Market Development with Broons.

"Whist the primary objective of sending the Rockbuster to Norway was to treat refuse, work has been done crushing rock on forest haul roads with great success", Mr. Bowes went on to say, "...this looks like presenting further export opportunities for our Rockbuster".

Celebrating 25 years in crushing and compaction Broons are proud to boast over 75 Rockbusters in operation throughout the world with more than 40 units in Australia and 18 units alone in Southern Africa.

