

CASE STUDY: KEESTRACK K6

Keestrack

AUSTIP RECYCLING AND KEESTRACK K6 THE POWER BEHIND SUSTAINABLE RECYCLING



Reducing the amount of waste – household, commercial, concrete and demolition – that ends up in landfill, while maximising the amount that can be recycled, is what drives the family-run business of Austip Recycling.

INTRODUCTION

Sydney-based recycling plant, Austip Recycling is committed to protecting our environment by creating and using innovative and sustainable waste disposal and management solutions for their broad range of customers. Turning used products into new, reusable materials, reducing landfill and the need to consume natural resources is core to their operation, and a key metric of their success.

BACKGROUND

“Our motto is sustainable waste for a cleaner tomorrow, which means we are trying to reduce products going to a landfill so we can recycle more and reuse these products,” says Joshua Berardinelli, General Manager at Austip Recycling.

Austip Recycling deal with a variety of waste ranging from residents to

T1 clients, building and demolition, VENM, ENM, brick and concrete.

THE CHALLENGE

Hard working machinery running out of steam

Austip Recycling’s Riverstone plant runs from 7am to 6pm daily, and while the previous equipment was up to the task, over time, the heavy demand was taking its toll.

Upgrading is a costly and potentially risky endeavour, and for a company as focused on sustainability and the environment as Austip, finding the right equipment to meet their exacting standards wasn’t easy.

That is, until they were recommended the Keestrack K6, and set up an on-site meeting with Screenmasters Australia’s National Sales Manager, Ciaran Lagan.

THE SOLUTION

Transforming Austip’s Screening Capacity for Greener Outcomes

“On my first visit to Austip, I had a look at their operation and what they were

doing and what their requirements were. Previously, they were utilising a trommel to screen out their C&D waste,” says Ciaran.

“They had a few difficulties with this unit, and I could see the benefits of running the Keestrack K6 in this application. The main advantage was that the unit was smaller, lowering their footprint within their small working environment. Plus, we were able to switch the fines conveyor from the left-hand side to the right-hand side, saving them more space.

“With the trommel they were using, they could only get a two-way split. With the K6 they were able to get a three-way split, further reducing the material they have to send to landfill, which is a huge cost advantage for them.

“During discussions, Austip mentioned many suppliers had stated that their material could not be processed without the use of a Flip Flow Screen or Bivitec Screen. Such a screen would clearly have cost considerably more than the K6, and in my experience was totally unnecessary,” says Ciaran. ■■■

“We’re always looking for better ways to manage today’s waste for a cleaner tomorrow.”

Darren Parrington, Operations Manager, Austip Recycling.



Screenmasters have placed multiple K6 Scalping Screens into waste applications with success, saving not only upfront capital costs but also offering significant savings in operational and maintenance costs for the life of the project. The Keestrack K6 offers customers flexibility, so not only can it be used to process quarry rock and demolition material, but with some adjustments, the same machine can process waste materials. For customers such as Austip, this means SMA can offer the customer the best outcome.

SHARING SIMILAR CUSTOMER EXPERIENCES HELPED WIN AUSTIP OVER

There were some reservations regarding the Keestrack K6 and how effective it would be for his application. Through his relationship with other industry-leading companies who utilise this machine in C&D waste application, Ciaran was able to put Austip Recycling in touch with them, and speak to them about Screenmasters directly, as well as how effective the machine is, which really gave them confidence.

Darren Parrington explains, “As the Operations Manager, I like to see the efficiencies get better in the business. And by using the new K6 screen, we saw production increase and costs and downtime reduce. In the time it used to take to feed the previous machine and the split of waste that comes through, we now get two additional by-products out of the K6. And the landfill has reduced significantly due to

the ability to pick out the waste products easier.

“Some of the waste we get into the facility is quite challenging to identify and to sort out. Once it goes through the process of inspection and shredding, the screener works out where it goes, through the fines and then the 40mm and then the oversize conveyor. It’s made the process of identifying waste, easier and results in an impressive -10mm, 30-10mm and plus 30mm final products.”

As Ciaran sums it up, “There were still reservations about the machine when it arrived, but as soon as it was up and running, those reservations were soon gone!”

THE SMA EFFECT

Austip Recycling’s story highlights how a strategic alliance with an experienced service provider like SMA can play a pivotal role in driving business growth and sustainability. The partnership demonstrates the potential for achieving reliability, efficiency and sustainability through the right equipment and support.

For other companies facing similar challenges, this offers a blueprint for what’s possible when innovation and collaboration come together. SMA’s ability to deliver high-performance machinery and exceptional support has set the bar for what a true partnership can achieve in the recycling industry.

ABOUT SMA

SMA has been a trusted name in the industry since 1994. As authorised dealers for some of the world’s leading manufacturers of mobile and fixed crushing and screening equipment – including Keestrack, SRH by Metso Group, CMS Cepercor, GIPO, Rockster, Convir, and Sensortechnik – it offers a diverse range of solutions tailored to your needs.

Their extensive inventory features over 60 mobile crushers and

screens, both new and used, available for sale or hire. With strategic locations in Sydney, Melbourne, Central West NSW, and the Gold Coast, SMA are well-positioned to support you across Australia.

SMA specialise in solutions for the Quarrying, Mining, Recycling, and Dry Bulk Handling sectors. You can count on SMA to deliver exceptional solutions and unmatched reliability.



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