

says Allen. "We would regularly have to make do with the equipment we could get hold of. There had to be a better way."

With a burgeoning workload just 18 months after its establishment, TrimPile sought expert compressed air advice from Sullair Australia. "We needed gear that was designed and manufactured to withstand the hot, humid and dusty conditions experienced on Australia's construction sites," says Allen. "You can't afford to have breakdowns on site, so we needed a reliable compressed-air solution."

Initially, Sullair Australia supplied TrimPile with one 375DPQ rotary screw portable compressor (which delivers compressed air at a rate of 375cfm at 100psig), as well as four 60-pound Sullair MPB60 paving breaker jack-hammers. The air compressor is equipped with a five-outlet manifold so all four jack-hammers can be operated simultaneously along

with an air-driven concrete saw.

Rather than 'sell off the brochure', Sullair provided the TrimPile team with the opportunity to 'road test' the Sullair jack-hammers on site. "We jumped at the chance to test out the Sullair gear in a 'real' situation," says Allen. "The hired jack-hammers would often 'freeze up' which was time-consuming and potentially costly. The Sullair MPB60s performed exceptionally, with no freeze-ups."

According to Sullair Victorian product manager, Daryl Davis, the MPB60s don't require additional oil lubrication, which saves time and maintenance. The MPB60 jack-hammers obtained by TrimPile are extremely quiet. "The piston impacts directly on the steel shank rather than a tappet, which reduces noise levels dramatically," says Davis. "The silenced units are handy for smaller concrete-breaking application like those in built-up or residential areas."

S305 delivers on shear force

A NAPIER based scrap metal contractor is reaping the benefit of high productivity since taking delivery of the first Caterpillar S305 compact scrap shear to arrive in New Zealand. Jonathan Hammond sensed there had to be a better way of dealing with scrap metal soon after he began cutting up old machinery at his earth-moving business depot to fill in a few rainy days. Using slow, expensive to run and laborious oxy-acetylene cutting equipment saw Hammond soon in contact with Caterpillar dealer, Goughs, inquiring about S305 mobile shears for his 10t excavator. "We'd been using gas to cut up old truck chassis for scrap during the winters and we decided there must be a better way so I rang Goughs and it was



Caterpillar's S305 small mobile shear can run on a 7t excavator.

and so far, we've been very satisfied with it." Now contracted full time to a Napier scrap metal yard, Hammond says the S305 mobile shear has added efficiency and opened up a new contracting opportunity for his small earthmoving business.

"Speed wise the shear is very good – it's certainly more efficient. I haven't actually measured how many tonnes per day we are handling with it but I'm sure we would be doing something in the range of five to 10 tonnes per hour," he says. "It will shear through most scrap and this size shear will cut up to eight inch steel beam."

As the scrap steel market is hallmarked by volatile pricing, the S305's productivity can help iron out the peaks and troughs smaller sized scrap yards face.

really then just a case of checking out the deal and ordering the Cat shears.

"We chased a few other brands but everyone else had to build them so there was a lot of time involved and no real performance guarantees," Hammond recalls. "The Cat machine is rated to do exactly what we wanted



MB SpA has been awarded the UNI EN ISO 9001:2000 Quality Management System certification.

MB SpA on growth path

MB SpA, a leading manufacturer of bucket crushers, is embarking on a significant development plan. The company has changed its name from MB Srl (limited liability company) to MB SpA (joint stock company). According to company sources, this transformation represents international recognition and new research boundaries.

The company has also been awarded the UNI EN ISO 9001:2000 Quality Management System certification. This

is an indication of the company's ability to offer its customers a quality product, in line with its position as a global leader in this sector.

The certification was awarded after a period of testing, which involved all the company's departments. It certifies the quality of the product, after-sales service, commercial customer service and administration. MB SpA (MB Crusher) was set up in Breganze, Italy in 2001 and currently exports its products to 100 countries worldwide.

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Description	GT10	GT20	GT30	GT50	GT60	GT80	GT100	GT150	GT180
Oil flow (l/min)	30-40	35-42	35-50	45-55	50-60	60-70	70-80	80-90	90-100
Operating pressure (bar)	60-70	65-75	65-75	70-80	75-85	80-90	85-95	90-100	95-100
Flow per minute (liters)	100-200	100-120	100-150	100-180	100-200	100-250	100-300	100-350	100-400
Impact energy (kilojoules)	100-200	100-150	100-180	100-200	100-250	100-300	100-350	100-400	100-500
Tool diameter (mm)	40	45	50	55	60	65	70	75	80
Operating weight (kg)	171	180	190	200	210	220	230	240	250
Carrier weight (Tonnes)	1.3-2.5	2.5-4.5	4.5-7.5	7.5-12	12-15	15-20	20-25	25-30	30-40

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