

# WORLD'S MOST POWERFUL DEMOLITION SHEAR

LIBERTY INDUSTRIAL HAS COMMISSIONED THE LARGEST AND MOST POWERFUL MOBILE SHEAR EVER BUILT. THE NEW GENESIS GXT 2555R IS THE FIRST OF ITS KIND AND A GAME CHANGER IN THE DEMOLITION INDUSTRY.

**W**ith a cutting force of more than 3000 metric ton, the custom made GXT 2555R attachment will mechanically shear large heavy steel structures with ease and is capable of cutting through a 48 inch steel I-beam in a single bite.

The latest addition to Liberty Industrial's state of the art fleet of demolition plant and equipment, the shear was custom designed and manufactured in Superior, Wisconsin by Genesis specifically for Liberty Industrial's Liebherr R994 demolition excavator.

Weighing in at more than 31 metric ton the shear is perfectly paired with Liberty Industrial's giant Liebherr R994, bringing the combination to a gross weight of more than 260 metric ton. The shear itself is a jaw dropping 7.85 metres in length and 2.9 metres tall. It has a jaw opening of 1.4 metres and a depth of 1.4 metres.

Through investment in world class purpose-built machinery like the GXT 2555R Shear, Liberty Industrial is able to safely and efficiently deliver the largest and most



technically challenging demolition projects heavy industry has to offer.

Liberty Industrial Director Clinton Dick says the GXT 2555R is perfect for heavy industrial demolition projects like the demolition of oil refineries, power stations and mining infrastructure. "This technology will make the demolition environment a safer and more efficient workplace.

"The recently refurbished 994 and the new GXT2555R is the most formidable demolition rig anywhere on the planet. In the few weeks we have seen it in action the results have been eye watering".

The shear is making its debut at Liberty Industrial's Munmorah Power Station Demolition Project. The project involves the removal of a 1400 megawatt coal fired power station and is the largest power station demolition project to be carried out in Australia to date. The shear will be put to work processing large structural steel members associated with the heavy boilers, turbine hall, precipitators and filter fabric structures.

The obvious key advantage is that we can now demolish substantially larger and heavier structures without the need to preweaken them, reducing any reliance on working at heights and removing the risk of personnel preweakening structures" says Liberty Industrial Director Simon Gill.

"Reducing the need for working at heights and the removal of personnel from the demolition work face has been the corner stone of our risk minimisation strategy. The arrival of the GXT 2555R further reinforces and strengthens that strategy".

## GXT 2555R Facts

- This is the first GXT 2555R mobile shear ever produced
- It is the world's largest and most powerful mobile shear attachment ever made
- It was custom built for Liberty Industrial's Liebherr R 994
- It is capable of cutting through a 1.2 metres thick steel I-beam in a single bite.
- It weighs more than 30 metric ton, is over 7.85 metres in length and 2.9 metres tall
- It has a cutting force of more than 3000 metric ton and a reach of 6.5 metres
- It has a jaw opening of 1.4 metre and a jaw depth of 56 1.4 metres. □



Clinton Dick and Simon Gill at Liberty Industrial's Munmorah Power Station Demolition Project