

CASE STUDY



INSTALLATION DATE:
August 2025

END USER:
Sims Metal Australia

LOCATION:
Metal recycling processing site
NSW, Australia

LINES SIZES AND MATERIALS:
2" SCH80 2205 Duplex;
20mm - 42mm tube

SYSTEM MEDIUM:
350 bar hydraulic line,
with 132 kW HPU

SPECIAL COMMENTS OR NOTES:

What began as a modest set of piping changes quickly escalated to a full hydraulic system upgrade for this facility's industrial shredder. Its existing system was out of date and unable to keep up with growing demand. While the scope escalated, the timeline couldn't; this shredder is an integral component to the entire facility's operation.

Tube-Mac® engineers developed an intricate 3D model of the new hydraulic system, and partner company Aussie Fluid Power fabricated and installed the 580 metres - including Tube-Mac® 37° flare flanges-of pipework on-site. Despite the shifting scope and requirements, the entire project was completed within the original shutdown window.





