



**EMS Solutions** was asked to provide a new high capacity Bogie Press for the disassembly of high load freight Bogies. These bogies are help in place by heavy gauge expansion springs.

EMS followed its solution cycle methodology to design the Press, including all mechanical, hydraulic and electrical components.

The design team decided to use two parallel rails for the Bogie to travel in and out on, allowing it to be loaded and disassembled on the same track.

EMS then manufactured all the parts required and assembled them, installed the hydraulic ram and the electrical control systems.

Once complete the system was tested in our workshops before delivery and installation at the customer site. Testing at the customer site with multiple different wheel set types required on-site adjustment and calibration, easily done with the inbuilt design features.

Once the customer was completely satisfied the system was commissioned and is now an integral part of their production system. EMS fully supports the product and maintains this highly reliable system.

