



**EMS Solutions** was asked to provide a wheel haulage system to collect rail car wheel sets strewn along a runway and haul them, one wheel set at a time, to a collection point for crane or forklift removal.

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

The design team decided to use two parallel runways to which motorized chain driven 'rabbits' run, the 'rabbits' incorporate sprung loaded rollers that are locked and unlocked at the ends of the runway.

EMS then manufactured all the parts required and assembled them ready for installation of 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.

