

HARVEST RAIL

Who are we?

New division of the edilon) (sedra Group under the James Walker portfolio.

At Harvest Rail, our team consists of a group of dedicated rail professionals who are deeply passionate about the industry and are driven to make significant advancements in our respective fields. Our diverse team comprises full-time experts who are considered leaders in their specialities, as well as a select group of part-time and semi-retired engineers. Together, we form a formidable force committed to effecting positive change within the Railway and Container Port & Gantry Crane Rail Sectors. With our wealth of knowledge and expertise, we deliver transformative solutions that push the boundaries of performance, quality and safety.



SARR Semi Automatic Rail Repair Contracting Service



Crane rail repair service for marine & port infrastructure



Crane rail health checks for predictive maintenance



Reduces time & cost



Improved safety, quality & longevity of repair



Bespoke precision grinding solution

Modular System for easy



All equipment is **Battery Powered** using latest Technology



High Quality **Rail Head Repair & Resurfacing**



Can be used on **SSQC & RTGC cranes**



Can be used on **Hinge Joint & Gantry Beam** via adapter plate



Reduces down time & costs on SSQC cranes
-5 x faster than MMA



Grinding tolerances of **0mm + or - 0.2mm over 200mm/0.5mm over 1000mm**
(for excavation / preparation & final profile finishing)

Bespoke Sky Grinder



Our patented Sky Grinder technology ensures **faster, safer,** and **higher-quality** repairs, significantly reducing downtime on SSQC cranes.



Designed as a bespoke solution, the Sky Grinder enables precision preparation & final profile grinding to tight tolerances in conjunction with advanced semi automatic robotic welding units specifically tailored to the unique environment and tight clearances working at height on Gantry Crane Rail and Hinge Joints.

The Sky Grinder has it's own base that clamps to the rail and fits over hinge joint to enable precision preparation and final profile grinding of hinge joint and gantry beam/rail sect.

SARR Process



Precision grinding preparation with our patented **Sky Grinder & Sky Frame Technology**



NDT testing via LPT to confirm defects have been removed



Pre-heat rail with **Super Pre-heater**



Commence **semi auto welding** process



Pad build up completed



Final precision grinding of rail profile with our patented **Sky Grinder & Sky Frame Technology**



Final NDT on completion

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