

# Hitchin Factory Vision



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- Designed and manufactured under quality management systems in accordance with BS EN ISO 9001.
- Environmental Management System accredited to ISO 14001.

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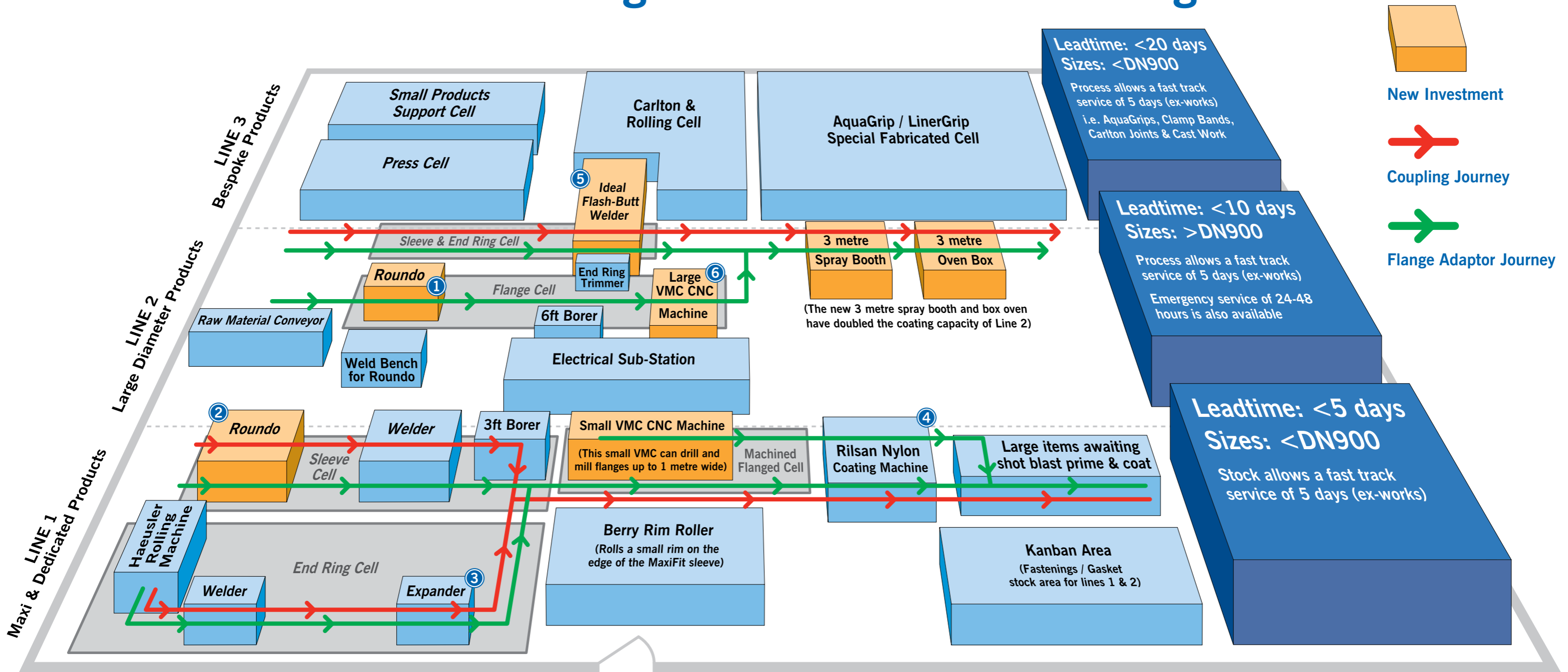
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PIPE CONNECTIONS, REPAIR & FLOW CONTROL PRODUCTS FOR THE UTILITIES INDUSTRY

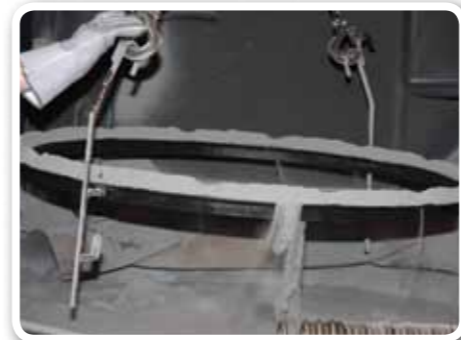
# Hitchin – Large Products Manufacturing



**① The Large Ring Bar Bending Machine**  
 Can roll bars up to 75mm thick. This has eliminated 90% of segment welding, thereby reducing process time from 1 day to 100 minutes.



**② Section Rolling Machine**  
 This Roundo can roll sleeves up to 300mm wide in comparison to the old machine that could only roll sleeves up to 180mm wide. Maxifit items can now be manufactured in Line 1 increasing our capacity on Line 2.



**③ The Post Welding Cold Expansion Process**  
 Creates dimensionally stable rings of repeatable quality essential for the consistent compression of the annular gasket.



**④ Rilsan Nylon Coating**  
 All VJ products are coated in Rilsan Nylon, a thermoplastic powder coating made from vegetable ricinus oil. It is environmentally friendly, resistant to corrosion and maintenance-free for product life expectancy.



**⑤ Flash-Butt Welding**  
 VJ is one of the few manufacturers that uses flash-butt welding for joining sleeves and rings together. It involves pressing 2 ends together and running a current between them, forming a seamless joint that is free of oxides. Benefits to customers is a first class coupling with a 'solid-state weld' which will meet the required design life.

**⑥ Vertical Machine Centre**  
 This vertical machine centre gives VJ the in-house milling and drilling capability of items up to 2.8m wide. Previously, this process was subcontracted out and took 14 days.