

# CaseStudy

## Starclean Belt Cleaner

Setting the standard for **best practice**

July 2017

### Starclean rises to challenge at UK's biggest marine wharf

**The Challenge:** The biggest marine sand & gravel wharf in UK, and third largest in Europe, handles around 2 million tonnes of material every year. Thirty conveyor belts keep up to 12,000 tonnes of sand & gravel flowing 24 hours a day. Site staff face a huge challenge keeping conveyor belts operating efficiently and safely. Traditional belt scrapers were failing to cope with such abrasive and varied material conveyed at up to 750t/h. Based on success within the company's concrete division, it was decided to test Starclean.



**Our Solution:** Phased rollout of Starclean type 53sn secondary belt cleaners

**Key Features:** Optimum blade pressure maintained over long term across full belt width  
User friendly, quick release ratchet tensioning system

**Improvements:** Excellent carryback removal, very little maintenance

**Benefits:**

- Cleaning efficiency** – carryback virtually eliminated
- Maintenance** - interim maintenance can be completed by site staff
- Safety** – disengage and re-tension blades without removing guarding
- Productivity** – less time wasted cleaning up lost material
- Standardisation** – single model used for all belts in initial rollout phase

*"I haven't got a bad word to say about Starclean, this scraper is genuinely superior to anything else we have tried. We've hardly experienced any blade wear in over 9 months operation and with our volumes that's amazing. What's more, I can't believe how simple it is to operate, I can carry out most of the routine operations and maintenance myself in minutes. The ProSpare bulk team are very responsive and have given excellent support."*

Site Supervisor