

# Indeva Crane Trial

## Background

- Early March 2011 we attended the South East Manufacturing Exhibition in Farnborough where we first saw the Indeva lifting device
- We invited the company representatives to come and visit us in early April and provided them with a plant tour in which we highlighted some area's of opportunity .
- An agreement was struck between both parties and agreement made that a trial period on our site would benefit all concerned to generate some interest feedback from the operations staff
- Early May the portable crane that we first saw at the exhibition was delivered at our plant and a brief training module was rolled out to our engineers in order for them to assist operation of the crane within the production area

# Battery Fit 101



# Engine Prep 102



# Paint Line



# Fan Lift



- Bespoke tooling with magnetic pick up
- Fan lifts from stored horizontal position
- Press of a button allows easy rotation to vertical
- Fan can rotate freely to assist alignment of mounting holes
- Improved safety and time against previous means

# Battery Fit



- Single tool allows pick up of all batteries on site
- Tooling insulated to protect from battery terminals
- Easy hook up through existing handles on batteries
- Improved safety and remove the need of 2 person lifts

# Operator Feedback

- **Ray from 102 Eng Prep** '*great when can we have one*'
- **Line supervisors** 'really good product how many can we install'
- **Ron at paint** '*makes life a lot easier*'
- **Brian from 101 Battery Fit** '*when's mine coming*'

# Next steps

- With the trial period considered a huge success, we carried out the necessary risk and ergonomic assessments to identify areas of priority
- Areas identified;
  - Battery fit on flowline 1 (bespoke tooling)
  - Battery fit on flowline 2 (bespoke tooling)
  - Battery fit on flowline 3 (bespoke tooling)
  - Bearer fit on flowline 2 (standard hook with magnet)
  - Fan fit on flowline 2 (bespoke tooling)
  - Load bay at paint (standard hook)
  - Circuit breaker assembly (standard hook)
- A device was ordered for each application, and by the end of the year were installed, and in use with operators trained