

# Timeline of events

Day by day our print farm changed with lots of incremental improvements to increase output and reduce waste. Discover the journey below

21ST MAY 2020

Increasing capacity on the Magna production line. 3 printers a day are being built and wheeled next door to be used immediately



26TH MAY 2020

In just 2 weeks software is written in house to control the new full farm of printers. 12 more Magna printers were operational this week



18TH MAY 2020

Clearing one of our warehouses, preparing it for a transformation. Designing utilities, production layout and material flow.



25TH MAY 2020

Water, lighting, extraction, compressed air and drainage are installed.



30TH MAY 2020

First shipment of face shields dispatched



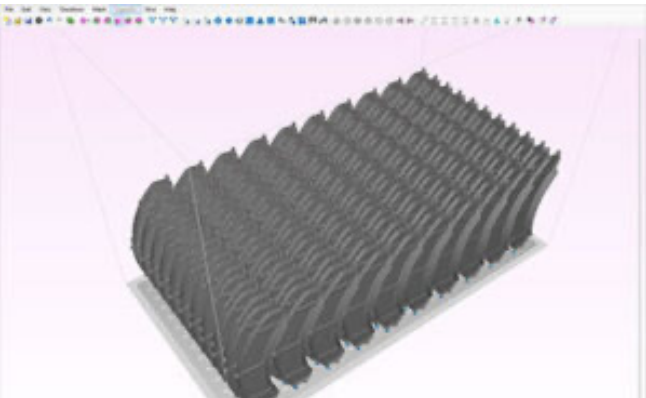
1ST JUNE 2020

Pilot manufacturing line in technical area shutdown and production transferred to new facility. Further 14 Magna printers added to farm



3RD JUNE 2020

Increase number of parts on platform from 110 to 210 by optimised design



6TH JUNE 2020

We write QR code software in just 3 weeks that tracks the raw materials through to each platform. Scanners installed to track each stage of the process



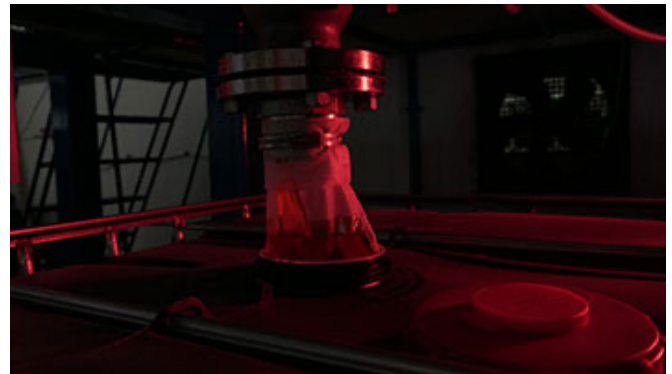
2ND JUNE 2020

Packing operation, Kanban and SOPs written



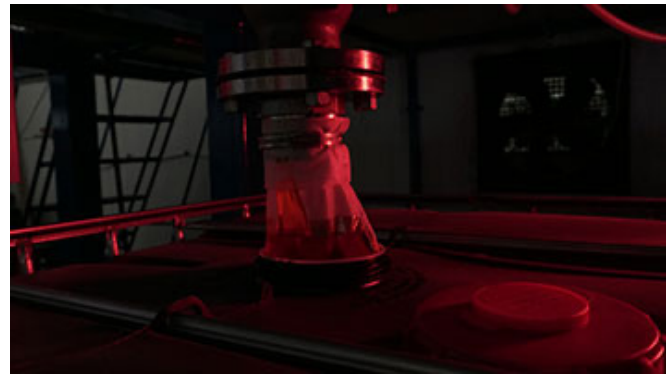
4TH JUNE 2020

New formulation optimised for face shields developed by chemists in record time. Improves green strength, print speed and post processing time



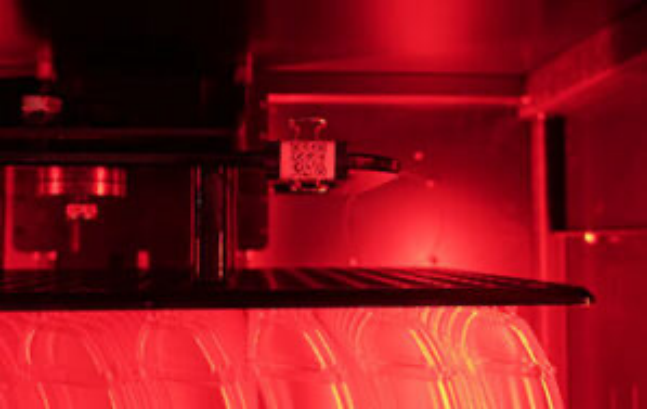
8TH JUNE 2020

26 turns to 34 with 8 new Magna printers manufactured in-house and installed in the farm.



10TH JUNE 2020

QR system trialed in first live production run with bulldog clips to identify each platform



12TH JUNE 2020

LCD screens (of course!) installed to show packers flow of parts through system. Box chutes added to transfer boxes to other side for final QC and packing



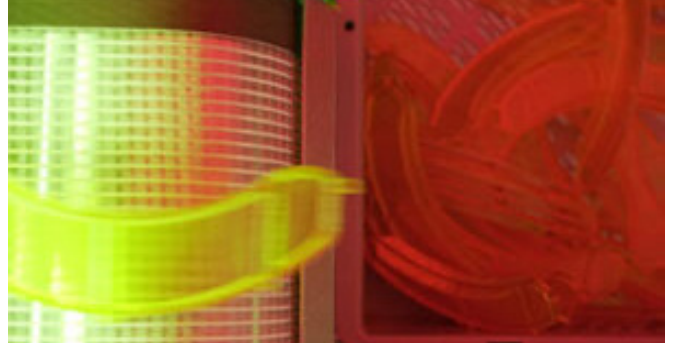
18TH JUNE 2020

First time we run flat out and hit a record of 61,300 face shields in a day



11TH JUNE 2020

Conveyorised flow installed to transfer face shields through process



15TH JUNE 2020

Post processing capacity increased by installing higher intensity lights

