



# Installation of New Chocolate Moulding Circuit



Capacity mapping, Project Management & Project Engineering to scope and install a new chocolate moulding line within Hotel Chocolat's Hadley Park Facility.

### The Challenge

With an aspiration to increase throughput and capacity and improve consistency whilst considering resourcing requirements ongoing at their Hadley Park facility; Hotel Chocolat partnered with Protolan to deliver the installation of a new chocolate moulding circuit.

### Delivering Success

To support the ongoing capacity of the factory Protolan removed an existing moulding line and relocated equipment to create a new one:

Capability included mould warming, decoration, filling, cooling, de-moulding, robotic product pack placement and in-line product wrapping.

In conjunction with capability we optimised the line volumetrically by installing a stainless platform enabled the cooling process to be created on a first-floor level.

To ensure full automation capability, an optimised mould re-design was implemented, and a new flow wrapper was installed to deliver maximum production flexibility and efficiency.

### Main challenges:

- 1) Ensuring the robotic "product to pack" process was streamlined because of the range in product size and design.
- 2) The project took place within a live working environment and it was imperative that there was no disruption to ongoing output

Alongside the project a new "future proofed" mould wash facility was created to support site and capacity expansion (included civils alternations as well as construction)

### Services utilised...

Project Management

Project Engineering

Capacity Planning

We don't just know food - it's our passion.

