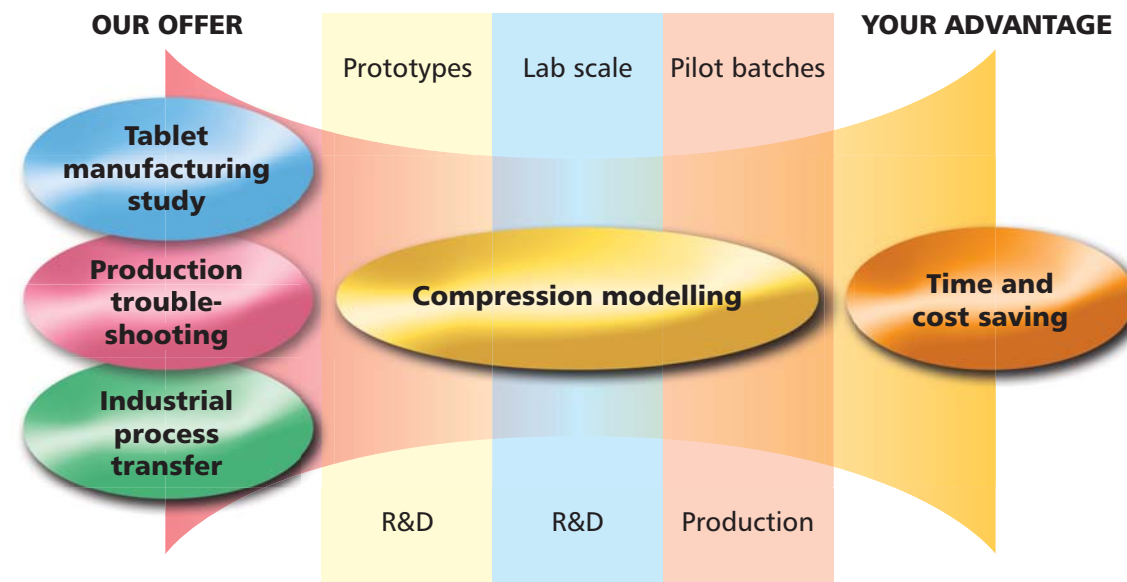





We offer Customized Solutions to help you anticipate and optimise the tablet manufacturing process for your formula

Today, the direct scale-up of formulations is a way to reduce drug development time and cost.







Prediction of the settings required for production equipment helps reduce adaptation time during the development stage and process transfer, resulting in a shorter time to market.



We will contribute to helping you to save time thanks to:

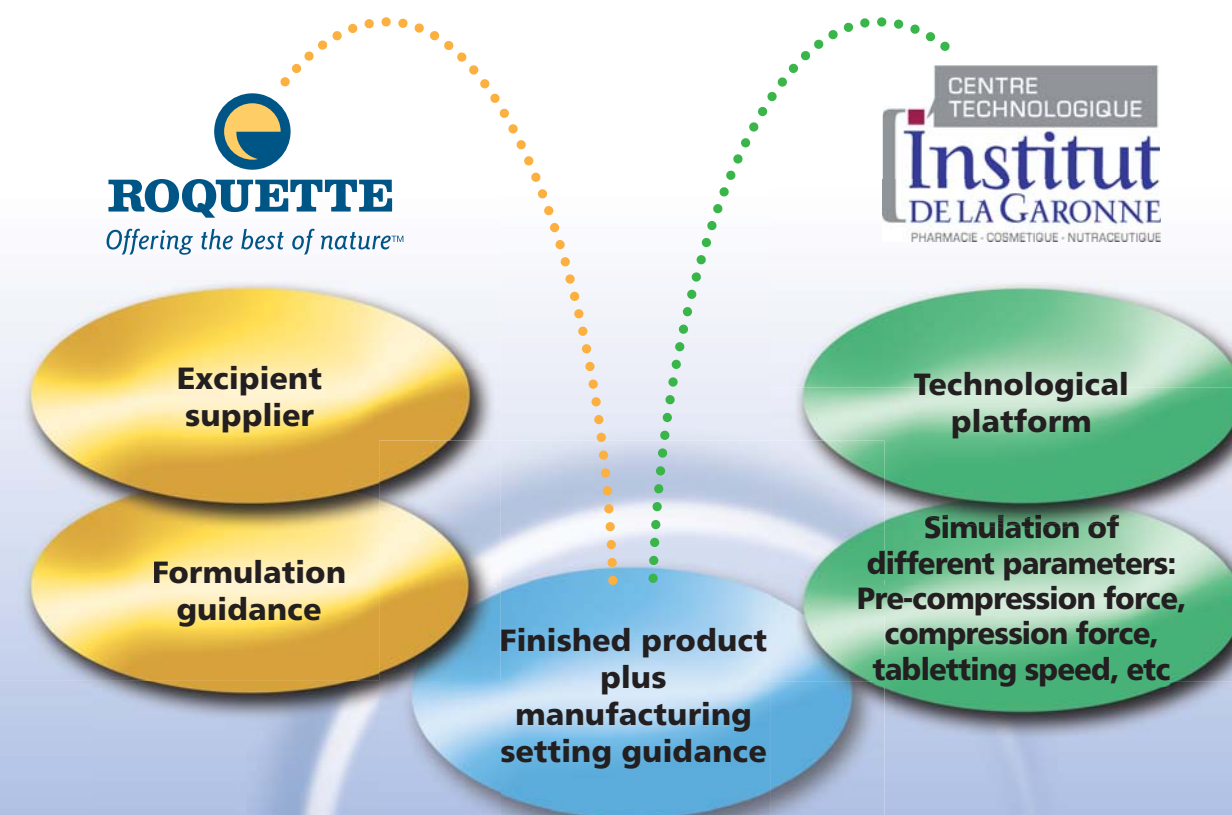
-  One machine that simulates more than 80% of tablet rotary presses
-  Tests performed with small amounts of materials
-  E-tabletting for remote test performance control and online decision-making.

ROQUETTE and the Institut de la Garonne have pooled their expertise to help you obtain answers on how to:

-  Determine the critical tableting parameters for a given formula by simulating different tablet presses (influence of main compression force, pre-compression ratio, tableting speed, etc)
-  Maximise your choice of excipients (diluent, binders, lubricants) for a given formula by running different tablet press simulations
-  Maximise your choice of the best tablet press for a given formula
-  Analyse and troubleshoot (capping, sticking, etc.)

Our reports provide:

-  Information based on process insight obtained from data that supports and facilitates the process scale-up needed for your formula.
-  Information based on identifying excipient properties that might have an impact on the critical quality attributes of the finished dosage form.



The people behind the service

R&D manager
Production manager
Formulation manager
Control Quality Manager
Outsourcing Manager

ANNEXES

Confidential agreement enclosed
Technical detailed data sheet enclosed

EXPERTS

Charles Chauveau
Pharmacist who has specialised in the development of solid dosage forms for more than 20 years (UPSA, Prographarm)

Steve Amoussou Guenou
Pharmacist
STYLCAM project leader

Philippe Lefèvre
Chemist
More than 20 years of experience in the development of new excipients for compression (mannitol, sorbitol, xylitol, maltitol, etc)

CONTACT DETAILS

roquettepharma-services@roquette.com

Existing STYLCAM users

Bristol-Myers Squibb
Sanofi Aventis
Pierre Fabre Medicament
...

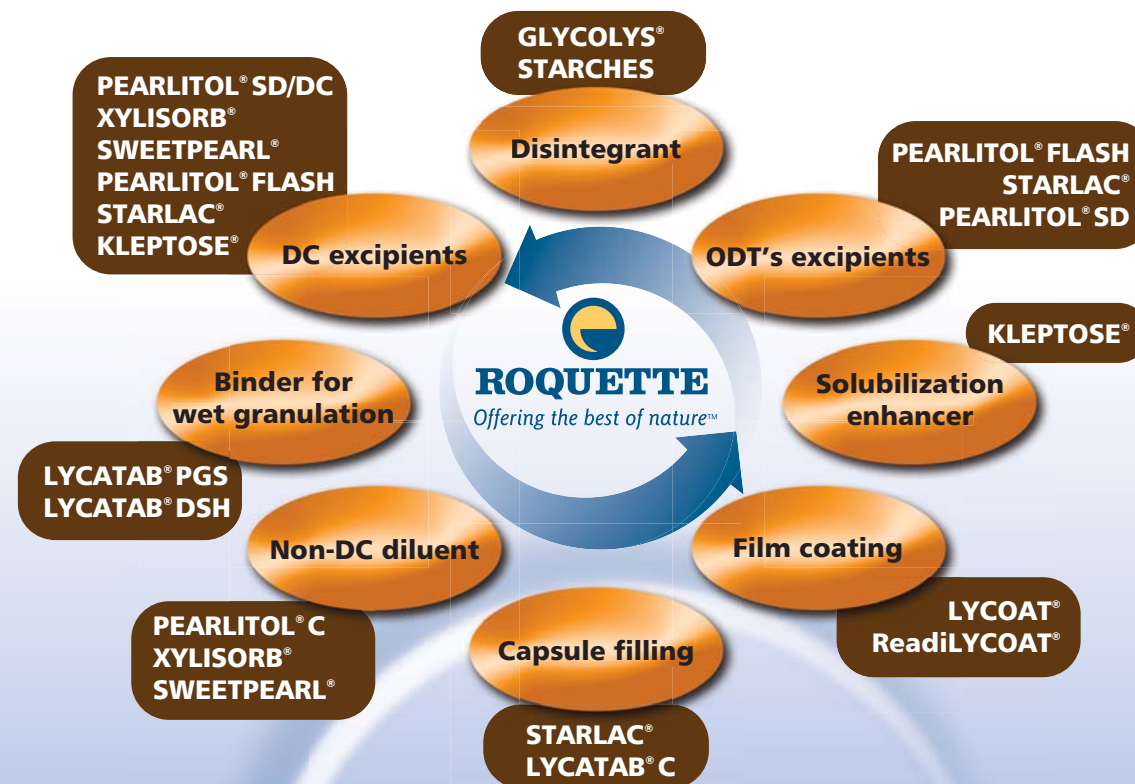
Technical outline of the tablet press simulator



Since 2009, the Institut de la Garonne has been offering the pharmaceutical industry a state-of-the-art **compression simulator and E-tabletting concept for studying and optimising tablet manufacture**, from drug development through industrial scale-up to production.

The Stylcam®200R compaction simulator is an R&D tablet press that simulates rotary production presses. A kinematic compaction profile is generated for each rotary press by measuring dimensions. The profile is loaded into the gearbox to simulate punch displacement time and rotary press cam paths.

ROQUETTE excipients for compression



What do you want from **compression simulation?**