



Production Planning & Control >
The Management of Operations
Volume 25, 2014 - [Issue 15](#)

2,647 Views | 84 CrossRef citations to date | 1 Altmetric

Articles

A comparative study on production ramp-up: state-of-the-art and new challenges

Laurène Surbier, Gülgün Alpan  & Eric Blanco

Pages 1264-1286 | Received 26 Sep 2011, Accepted 06 Jun 2013, Published online: 22 Aug 2013

 Cite this article  <https://doi.org/10.1080/09537287.2013.817624>



Sample our
Engineering & Technology
Journals
>> [Sign in here](#) to start your access
to the latest two volumes for 14 days

 Full Article

 Figures & data

 References

 Citations

 Metrics

 Reprints & Permissions

[Read this article](#)

[Share](#)

Abstract

In the context of globalisation, the companies are urged to innovate the products and the services they provide to their customers, in order to keep their competitive edge. New product introduction in an already existing production environment generates numerous perturbations to handle in the supply chain and operations management during the production ramp-up. The purpose of this article is to present a thorough state of the art on the production ramp-up. Different overviews of the research body are given: comparing definitions, characteristics and problems of the ramp-up phase, classifying research papers according to their industrial context and organising them in different classifications (by keywords, focus extent ...). Interesting issues that could be addressed in future research about the production ramp-up phase are identified.

Keywords:

Related research

[People also read](#)[Recommended articles](#)[Cited by
84](#)

Information for

[Authors](#)[R&D professionals](#)[Editors](#)[Librarians](#)[Societies](#)

Opportunities

[Reprints and e-prints](#)[Advertising solutions](#)[Accelerated publication](#)[Corporate access solutions](#)

Open access

[Overview](#)[Open journals](#)[Open Select](#)[Dove Medical Press](#)[F1000Research](#)

Help and information

[Help and contact](#)[Newsroom](#)[All journals](#)[Books](#)

Keep up to date

Register to receive personalised research and resources by email




Sign me up



Copyright © 2026 Informa UK Limited [Privacy policy](#)

[Cookies](#) [Terms & conditions](#) [Accessibility](#)

 Taylor and Francis
Group

Registered in England & Wales No. 01072954
5 Howick Place | London | SW1P 1WG