

IIE Transactions > Volume 46, 2014 - Issue 3: Design & Manufacturing

1.708 30 Views CrossRef citations to date Altmetric

Original Articles

A comparison of make-to-stock and make-toorder in multi-product manufacturing systems with variable due dates

Klaus Altendorfer & Stefan Minner

Pages 197-212 | Received 01 Nov 2011, Accepted 01 Apr 2013, Published online: 07 Dec 2013

66 Cite this article ⚠ https://doi.org/10.1080/0740817X.2013.803638





Full Article

Figures & data

References

66 Citations

Metrics

Reprints & Permissions

Read this article

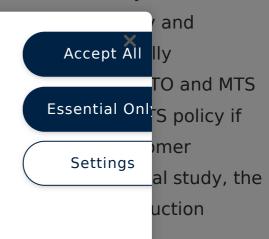
Abstract

This article models a single-stage hybrid production system, which can be regarded as a Make To Order (MTO) production system with safety stocks or a Make To Stock (MTS) production system with advance demand information. In an environment with multiple products and variable customer due dates, optimality conditions for safety stocks (base

stocks) backord distribut is cone inve required influenc potentia

About Cookies On This Site

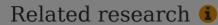
We and our partners use cookies to enhance your website experience, learn how our site is used, offer personalised features, measure the effectiveness of our services, and tailor content and ads to your interests while you navigate on the web or interact with us across devices. You can choose to accept all of these cookies or only essential cookies. To learn more or manage your preferences, click "Settings". For further information about the data we collect from you, please see our Privacy Policy

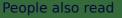


Q Keywords: Manufacturing system design manufacturing system control multi-product production system make-to-order make-to-stock variable due dates queuing

Acknowledgement

The authors thank the two anonymous reviewers for their helpful suggestions that improved the quality of the manuscript.





Recommended articles

Cited by 30

About Cookies On This Site



We and our partners use cookies to enhance your website experience, learn how our site is used, offer personalised features, measure the effectiveness of our services, and tailor content and ads to your interests while you navigate on the web or interact with us across devices. You can choose to accept all of these cookies or only essential cookies. To learn more or manage your preferences, click "Settings". For further information about the data we collect from you, please see our Privacy Policy

Accept All

Essential Only

Settings

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 © 2024 Informa UK Limited Privacy policy Cookies Terms & conditions



Accessibility

Registered in England & Wales No. 3099067 5 Howick Place | London | SW1P 1WG

About Cookies On This Site



We and our partners use cookies to enhance your website experience, learn how our site is used, offer personalised features, measure the effectiveness of our services, and tailor content and ads to your interests while you navigate on the web or interact with us across devices. You can choose to accept all of these cookies or only essential cookies. To learn more or manage your preferences, click "Settings". For further information about the data we collect from you, please see our Privacy Policy



Essential Onl

Settings