## **Accepted Manuscript**

Constraint Programming for Solving Various Assembly Line Balancing Problems

Yossi Bukchin, Tal Raviv

PII: \$0305-0483(16)30636-3 DOI: 10.1016/j.omega.2017.06.008

Reference: OME 1793

To appear in: Omega

Received date: 19 September 2016

Revised date: 25 May 2017 Accepted date: 20 June 2017



Please cite this article as: Yossi Bukchin, Tal Raviv, Constraint Programming for Solving Various Assembly Line Balancing Problems, *Omega* (2017), doi: 10.1016/j.omega.2017.06.008

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

#### ACCEPTED MANUSCRIPT

### **Highlights:**

- Constraint programming (CP) is presented for the first time as modeling and solution approach for various assembly line balancing problems.
- CP is demonstrated as generic and efficient modeling language for generalized assembly line design/balancing problems.
- Performance evaluation shows that CP dominates MILP in most cases.

#### Download English Version:

# https://daneshyari.com/en/article/7436590

Download Persian Version:

https://daneshyari.com/article/7436590

<u>Daneshyari.com</u>