

Accepted Manuscript

A tailored two-phase constructive heuristic for the three-dimensional Multiple Bin Size Bin Packing Problem with transportation constraints

Célia Paquay, Sabine Limbourg, Michaël Schyns

PII: S0377-2217(17)31021-4
DOI: [10.1016/j.ejor.2017.11.010](https://doi.org/10.1016/j.ejor.2017.11.010)
Reference: EOR 14798



To appear in: *European Journal of Operational Research*

Received date: 23 March 2017
Revised date: 14 August 2017
Accepted date: 8 November 2017

Please cite this article as: Célia Paquay, Sabine Limbourg, Michaël Schyns, A tailored two-phase constructive heuristic for the three-dimensional Multiple Bin Size Bin Packing Problem with transportation constraints, *European Journal of Operational Research* (2017), doi: [10.1016/j.ejor.2017.11.010](https://doi.org/10.1016/j.ejor.2017.11.010)

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.

Highlights

- Bin Packing Problem with transportation constraints and air transportation bins
- Heuristic split into a packing algorithm and a differentiation of bin types
- Development of post processing to enhance the weight distribution
- The proposed heuristic provides valuable results in short computational times

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/6895033>

Download Persian Version:

<https://daneshyari.com/article/6895033>

[Daneshyari.com](https://daneshyari.com)