IJARSCT
ISSN (Online) 2581-9429
International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)
Volume 2, Issue 6, June 2022
Impact Factor: 6.252

Solar Bucket Conveyor

Hitesh Chaudhari, Nikhil Patil, Tarkesh Chaudhari, Vishal Sapkale, Prof. P. S. Patil
UG Students[1,2,3,4] and Professor[5]
Godavari College of Engineering, Jalgaon, Mahaashtra, India

Abstract: *Energy conservation is one of the growing concerns of today. Energy sources are depleting at higher rate so, their conservation is necessary. Non- renewable resources are used for making energy such as wind power, solar power, hydro power, etc. These energy sources are infinite and can be used endlessly for producing energy. Solar bucket conveyor system designed is able to provide gentle handling and least spillage. The other advantages of this solar bucket conveyor system are that it requires low maintenance and also it operates quietly. Growing demands of systems employing renewable energy sources had increased demands for such projects.*

Keywords: Solar Power

REFERENCES

[1]. A. Spivakovshy and V.Dyachkov, "Conveyors and related Equipment", Chapter-IV, VII & XI, Peach Publishers, MOSCOW.
[2]. Wong, M. M., C. H. Tan, J. B. Zhang, L. Q. Zhuang, Y. Z. Zhao and M. Luo, 2006; On-line reconfiguration to enhance the routing flexibility of complex automated material handling operations, Robotics and Computer-Integrated Manufacturing, March 2006.
[3]. Babiceanu, R. F., Chen. F. F. And R.H. Sturges. 2005; "Real-time holonic scheduling of material handling operations in a dynamic manufacturing environment"
[4]. Daniel J Fonseca, Gopal Uppal & Timothy J Greene, "A knowledge-based system for conveyor equipment selection", Expert Systems with Applications, Volume 26, Issue 4, May 2004, Pages 615–623.
[5]. A.J.G. Nuttall, G. Lodewijks & A.J. Klein Breteler,
[6]. "Modelling rolling contact phenomena in a pouch belt conveyor system", ELSEVIER, Wear, Volume 260, Issues 9–10, 31 May 2006, Pages 1091–1099.
[7]. Chun-Hsiung Lan, "The design of a multi-conveyor system for profit maximisation", The International Journal of Advanced Manufacturing Technology, November 2003, Volume 22, Issue 9-9, pp 510-521.8
[8]. Balagurusamy, E. (1998), Programming in ANSI C, Tata McGraw-Hill Publishing Co, Second Edition .
[9]. Bhatt, N.D. and Panchal, V.M.(2005), Engineering drawing, Charotar publication, Fourthly Eight Edition.
[10]. Bhandari, V.B. (2007), Design of Machine Element, Tata McGraw-Hill Publishing Co, Second Edition
[11]. Patil, R.B. and Kumar, A. (2009), Machine Design and Industrial Drafting, Tech-Max Publication, First Edition.
[12]. Patil, R.B (2011), Computer aided design,Tech-Max Publication, First Edition.
[13]. Arora, R.P. and Raghunath, B.K (2012), Production technology, Tech-Max Publication. First Edition.