

PRODUCTION PROCESS IN HYUNDAI MOTORS

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ABSTRACT

This research is based on the HYUNDAI MOTORS Company built up a creation framework portrayed by: Modularisation, Automation, Just-in-Sequence, Supply Chain Management, and Flexible Manufacturing Systems. In light of writing and documental survey, this paper talks about basic episodes and key highlights that formed the Hyundai Production System (HPS). The paper sequentially portrays the basic occurrences distinguished, and investigations the endeavours to present distinctive highlights in this framework, considering these occasions. As fundamental outcome, the impact of relevant highlights and verifiable occasions on the choices made by the HMC are investigated, looking to give better comprehension about the advancement of HPS.

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INTRODUCTION

The production procedure is worried about changing a scope of contributions to those yields that are required by the market.

This includes two principle sets of assets - The changing assets, and the changed assets.

The changing assets incorporate the structures, hardware, PCs, and individuals that do the changing procedures. The changed assets are the crude materials and parts that are changed into finished results.

Any creation procedure includes a progression of connections in a generation chain. At each stage esteem is included the course of generation. Including esteem includes making an item more alluring to a buyer with the goal that they will pay more for it. Including esteem consequently is not just about assembling, but rather incorporates the showcasing procedure including publicising, advancement and appropriation that make the last item more alluring.

It is imperative for organisations to recognise the procedures that include esteem, with the goal that they can improve these procedures to the continuous advantage of the business

OBJECTIVES

1. To analyse the production process of Hyundaimotors
2. To know the process in production sector.

RESEARCH METHODOLOGY

This research is the systematic investigation into study of material and sources in order to establish fact and reach new conclusions. Its purpose is to find answer to question through the applicants of method. It Pursuit of the track with the help of the study and observation

SCOPE OF STUDY

The scope of study is to know how the Hyundai motors cars are manufactured and exported to foreign countries from Sriperumbudur factory

COMPANY PROFILE

History of Hyundai Cars

Hyundai Motor India Limited (HMIL) is an entirely possessed auxiliary of Hyundai Motor Company (HMC). HMIL is the biggest traveler auto exporter and the second biggest auto producer in India. It as of now has ten auto models crosswise over portions – Eon, Grand i10, Elite i20, Active i20, Xcent, Verna, Creta, Elantra and Tucson. HMIL's completely coordinated best in class fabricating plant close Chennai brags propelled generation, quality and testing abilities.

HMIL frames a basic piece of HMC's worldwide fare center point. It as of now fares to around 87 nations crosswise over Africa, Middle East, Latin America, Australia and the Asia Pacific. HMIL has been India's main exporter throughout the previous 10 years sequentially. To help its development and extension designs, HMIL right now has 475 merchants and more than 1,226 administration focuses crosswise over India. In its sense of duty regarding furnish clients with front line worldwide innovation, Hyundai has a cutting edge multi-million dollar R&D office in Hyderabad. The R&D focus attempts to be a focal point of perfection in vehicle designing. Hyundai motor company deals with

Hyundai Motor Company deals with;

Sales Planning,

Product Planning

System Expansion and Development II

Dealer Management System

From the factory - The Hyundai Motor India Chennai plant

A visit around one of the biggest vehicle plants in the nation is exceptional. We visit the Hyundai industrial facility in Sriperumbudur close Chennai to know the procedure of auto making live. Hyundai Motors is intending to decrease vitality utilization between 3-4% yearly. Vitality proficient T5 lights and engines are utilized as a part of creation shops to monitor vitality. Web based checking and programmed turn off framework for electrical hardware, sun based water warming framework, sun oriented light pipes for office lighting and LED lights for road lighting are some different practices for vitality utilization. To spare propane utilization, warm recuperation framework has additionally been introduced. For every one of the endeavors, HMIL has been granted the Green Award in the Large Industries class for the year 2011-2012 by the Tamil Nadu government.

PRODUCTION PROCESS;

HMIL has two assembling plants in Sriperumbudur, Kanchipuram locale, Tamil Nadu. HMIL's assembling plant close Chennai cases to have the most progressive generation, quality and testing abilities in the country. To take into account rising interest, HMIL authorised its second plant in February 2008, which delivers an extra 300,000 units for each annum, raising HMIL's aggregate creation ability to 600,000 units for every annum. Current Production Capacity with these 2 plants in Sriperumpudur, Kancheepuram expanded to 7,00,000 autos every year. In the production process, every one of the boards of the auto are squeezed at the Press shop and welded together at the Body shop for the most part controlled by robots making the human intercession less and to guarantee predictable form quality. The completed body at that point goes to the Paint shop where condition inviting water based process is utilised.

Manufactured Cars

The following cars are manufactured in this factory

1. Hyundai Eon (Launched 2011)
2. Hyundai Grand i10 Facelift (Launched Feb-2017)
3. Hyundai Xcent Facelift (Launched April-2017)
4. Hyundai Elite i20 (Launched 2014)

5. Hyundai i20 Active(Launched 2015)
6. Hyundai Elantra(Launched 2016)
7. Hyundai Creta (Launched 2015)
8. Hyundai Tucson(Launched 2016)
9. Hyundai 3rd Gen-Verna (Launched 2017)

IMPORTED CARS ;

1. Hyundai Santa Fe Third Generation (Launched 2014)

DISCONTINUED CARS

1. Hyundai Santro(1998–2003)
2. Hyundai Santro Xing(2003-2014)
3. Hyundai Accent GTX (1999–2002)
4. Hyundai Sonata Gold (2001–2005)
5. Hyundai Sonata(Launched 2012)
6. Hyundai Accent Viva (2002–2004)
7. Hyundai Accent CRDi(2002–2006)
8. Hyundai Terracan (2003-2007)
9. Hyundai Getz(2004–2007)
10. Hyundai Accent GLS(2004–2005)
11. Hyundai Sonata Embera (2005–2009)
12. Hyundai Accent GLE(2006–2011)
13. Hyundai Verna (2006–2010)
14. Hyundai Getz Prime(2007–2010)
15. Hyundai i10(2007-2010)
16. Hyundai Verna Transform(2010-2011)
17. Hyundai Elantra(2004–2010)
18. Hyundai Tucson(2005–2010)
19. Hyundai Sonata Transform (2010–2011)
20. Hyundai Santa Fe Second Generation (2010-2013)
21. Hyundai Accent Executive(2011-2013)

22. Hyundai i20(2008-2014)
23. Hyundai Verna (2011-2015)
24. Hyundai Elantra (2012-2016)
25. Hyundai i10 (2010-2016)
26. Hyundai Grand i10 (2013-2017)
27. Hyundai 4S Fluidic Verna(2015-2017)

SALES AND SERVICE NETWORK

HMIL has 475 merchants and more than 1,226 administration focuses crosswise over India. HMIL additionally works its own dealerships known as Hyundai Motor Plazas in vast metros crosswise over India. HMIL has the second biggest deals and administration organise in India after Maruti Suzuki.

CONCLUSION

The production and operation management plays a vital role in manufacturing a product in a company. In Hyundai motor company the system being followed is to reduce the waste being produced in the process of producing the products in the company. The Hyundai motors plays a vital role in the production of automobiles. This System has helped the company to grow to higher extent by satisfying the needs of the customer. This system followed by the Hyundai motor company led the company to produce a car within 13 hours which is consider to be one of the best methods through which quality is being obtained in the production. The Production and Operation Management being carried out in the company gives satisfaction both to the workers as well as customers

REFERENCES

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