

DIGITAL SKILLS AND RESEARCH METHODS

Name:	ID	Topics:
Stephany Bennett-Grant	1913503	Insights and Impacts
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THE IMPACT OF MODERN TECHNOLOGY ON SAMSUNG

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(Appliancecity.co.uk,2020)

Hello sir/madam, my name is Ruma Anowar 1817892 . So, for our presentation I will describe the brief introduction and background of the company. challenges before eco bubble washing machine came.our partner Stephany is going to explain the INSIGHTS and IMPACTS of this tecnology. and our third and final partner petra was suppose to do the lessons learned and conclusion for this presentation but she did not do the work. We found out last minute and because of medical circumstances with me and Stephany baby it was not possible for us to do her part before the deadline.

In this presentation we will go over the issue that eco bubble washing machine has solved. why is there a push for eco bubble washing machine.challenges before it comes.how it works and the science behind it.advantage and disadvantage of it.and what is the future of it.

INTRODUCTION OF THE PRESENTATION

- Overview of the ECO Bubble washing machine
- Why people should have it?



(Turbosquid.com,2020)

ECO Bubble washing machine, that's what we are going to talk about in this presentation. Everyday various kind of technology is introducing to the nation, ECO Bubble washing machine is one of them. It has many latest technology which is better than normal washing machines. We are going to go in more details throughout our presentation. Hope it will give you enough information about the latest ECO Bubble washing machine and the modern technology behind it.



Lee Byung-chul



Samsung invented by :
Lee Byung-chul

invented by : 1938

1938	1969	1979
		
1979	1980	1993
		

BACKGROUND OF SAMSUNG COMPANY

(A BRIEF HISTORY OF THE ORGANISATION)

In 1938, Samsung was founded by Lee Byung-Chul who started his business in South Korea, trading noodles and other goods. Then exporting them to china and its provinces. Samsung entered the Electronics Industry in 1960 with different electronics-focused divisions. In 1970 Samsung produced its first black and white TV. Samsung also produced many other electronic products, such as: colour TVs, refrigerators, air conditioner, etc. They reached the landmark of producing 5 million TVs, in 1978. The company enhanced Samsung Electronics America and the Suwon R&D centre, in the late 1970s. Samsung later expanded to Tokyo and the UK in the late 1980s. Sadly, in 1987, Lee Byung-chul passed away and his son Lee kun-hee took over the company. – (Lifewire.com)

AIMS AND OBJECTIVES

Samsung Values:

- People
- Excellence
- Change
- Integrity
- Co-Prosperity
(Samsunglife.com, 2020)



(Samsung.com,2020)

Samsung aims to be the world leading company to develop the human resources and to create superior technology, products and services which contributes to better global society. – (Samsunglife.com,2020)

People: Samsung always values people and workers' opinions and take them to consideration.

Excellence: The company work to their full potential and change according to modern demand . They have the quality of being honest towards customers and have strong moral principles.

Change : it is all very good to follow your dream, but at the same we need be ready for change according to needs . and Samsung always embrace the change they had to do.

MISSION AND VISION

“Inspire the World, Create the Future”

Samsung's vision statement reads: “To inspire the world with our innovative technologies, products, and design that enrich people's lives and contribute to social prosperity by creating a new future.”

(Samsung.com, 2020)

Samsung wants to motivate and encourage the world with its many futuristic machinery. They want to create the new future with new technology.

CHALLENGES BEFORE ECO BUBBLE TECHNOLOGY

- Consume more energy
- Time taken
- Takes more detergent
- Consumes more water
- Damage clothes quality



(armaghelectrical.com ,2020)

Classic washing machines used to consume more energy, before ECO Bubble technology was introduced. Normal washing machines timing is longer and uses more detergent and extra water. Because of its long running time and its extra use of detergent the fabric standard and colour goes away more faster than it should be. Also costs people more money on detergent and bills. Before the modern technology people could not even think about controlling their washing machine with their phone.



My name is Stephany Bennett-Grant and I am going to be speaking about the insights and impacts of the eco bubble technology. The Eco bubble technology operates by using a bubble generator to add air to a mixture of water and detergent in order to create tiny bubbles that are better able to penetrate fabric deeply and quickly. Cleaning clothes thoroughly while protecting them at the same time.



FEATURES OF THE ECO BUBBLE WASHING MACHINE

- A DIAMOND DRUM
- SMART CHECK
- ADD WASH DOOR
- STAY CLEAN DRAWER
- BUBBLE SOAK
- SMART WEIGHT SENSOR

This washing machine consist of a number of prestigious features which I will be speaking about in the next few slides.



The Samsung Eco bubble washing machine boast a diamond drum that protects delicate fabric from damage. The diamond pattern and tiny holes which are embedded inside allows the water to stay beneath the clothes therefore delicate fabrics such as linen do not get pulled into holes and get damaged.



Smart check allows you to use your phone to find and fix problems with your washing machine. The smart phone uses an app called smart washer to connect to the machine. When something is wrong with the washing machine, an error code will come up on the washer screen, the smart phone scans the code and then the app translates it to provide you with the necessary steps to resolve the problem. (Samsung. Com, 2020)



The addwash door on the Samsung Eco bubble washing machine is an extra door which is located in the top of the main door. Through this door, all those forgotten clothes can be added to the cycle while the wash is going.



The stay clean drawer uses a powerful jet of water to wash away most of the detergent, leaving no room for residue to build up allowing the trays to stay cleaner.



The bubble soak feature helps to remove those stubborn stains. With an added 30 minutes to your cycle, the clothes are soaked in a cushion of bubbles so that stains can be lifted easily. This feature is available in four programs. These include cotton, synthetic, denim and baby care.

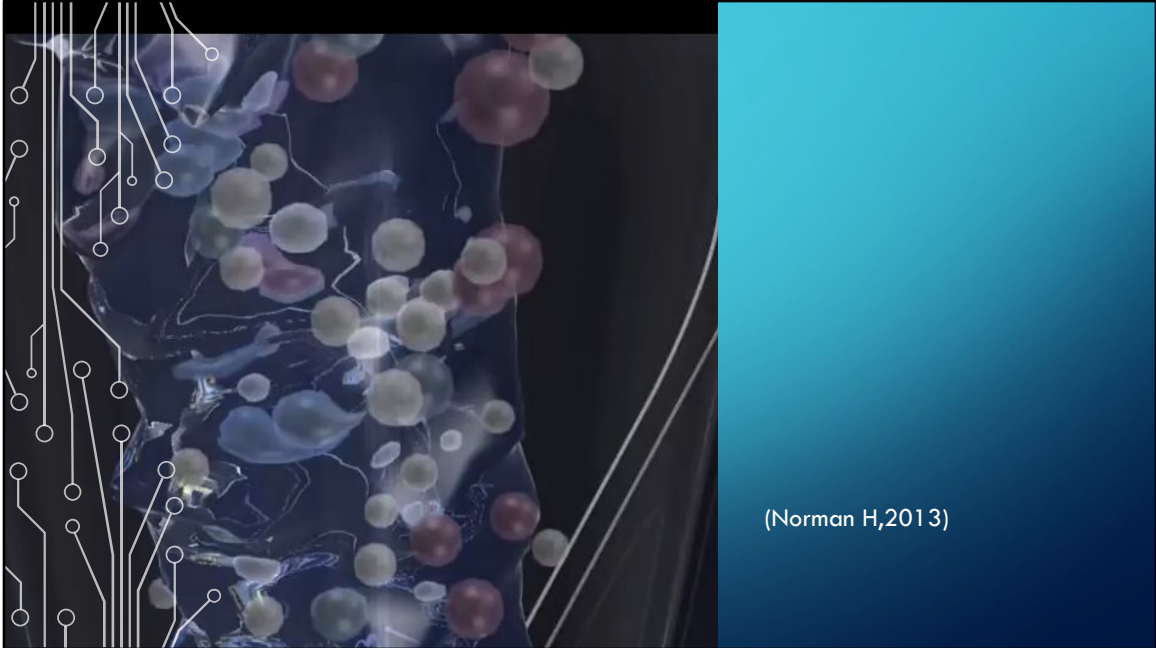


SMART WEIGHT SENSOR

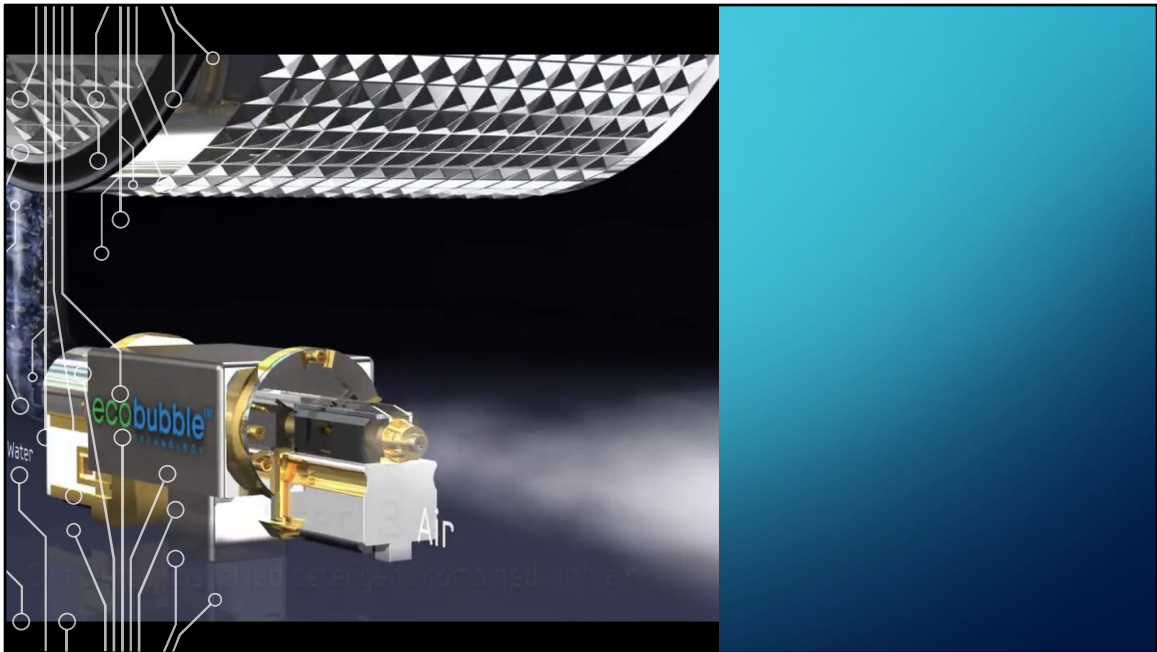
With the smart weight sensor, Samsung Eco bubble washing machine has the ability to automatically detect the weight of the laundry. It calculates the amount of water and energy needed for each cycle by weighting the wash load. This process reduces the chance of using too much water. (Samsung.com)



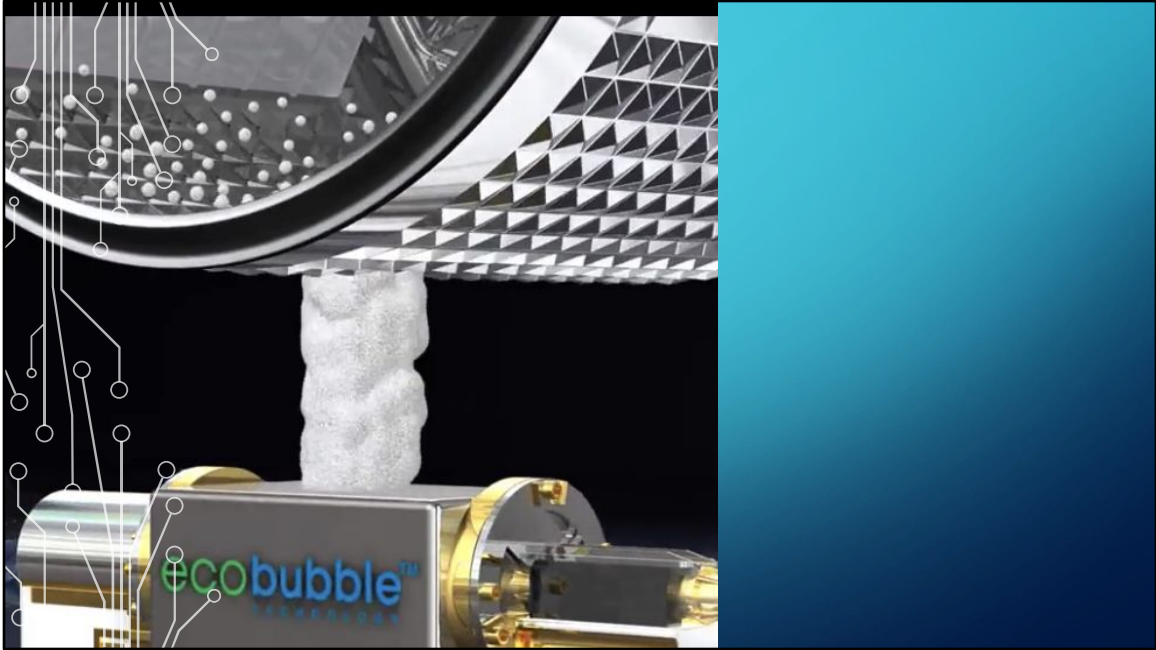
I will be giving an indepth look into the eco bubble technology. How it works and the components that makes this technology so special.



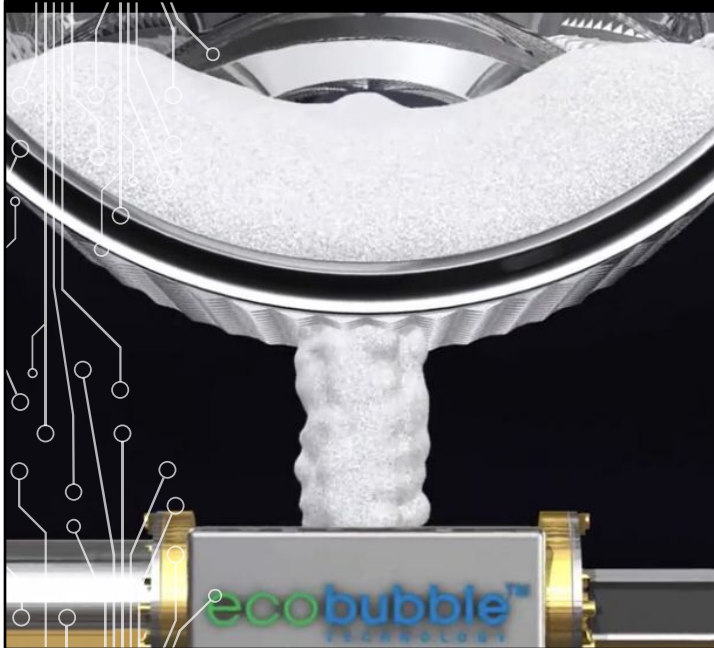
At the first instance water is mixed with the pre-dissolved detergent, which makes its way down to the Eco bubble generator.



Once it reaches the generator the detergent dissolves completely and air is added to the mixture.



The bubble generator then pushes the mixture up very quickly into the drum creating very small bubbles.



(Norman H, 2013)

Those tiny bubbles form into a soapy foam which has the ability to penetrate every single fibre of a fabric very quickly, cleaning clothes to the highest standards while protecting them at the same time.

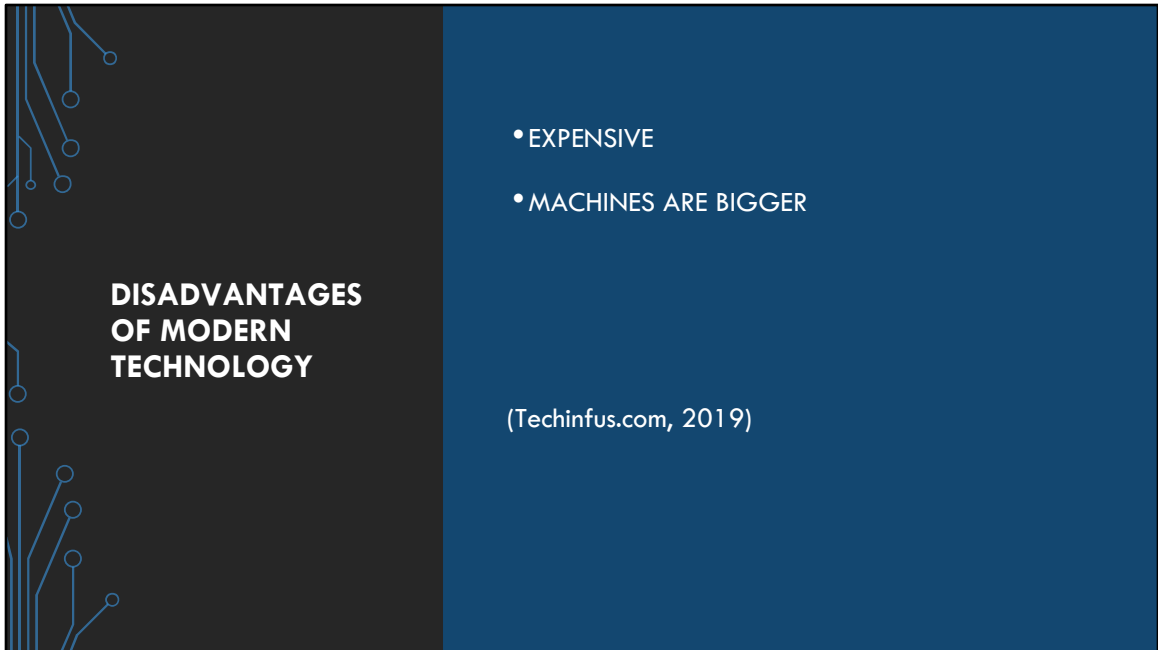


ADVANTAGES OF MODERN TECHNOLOGY

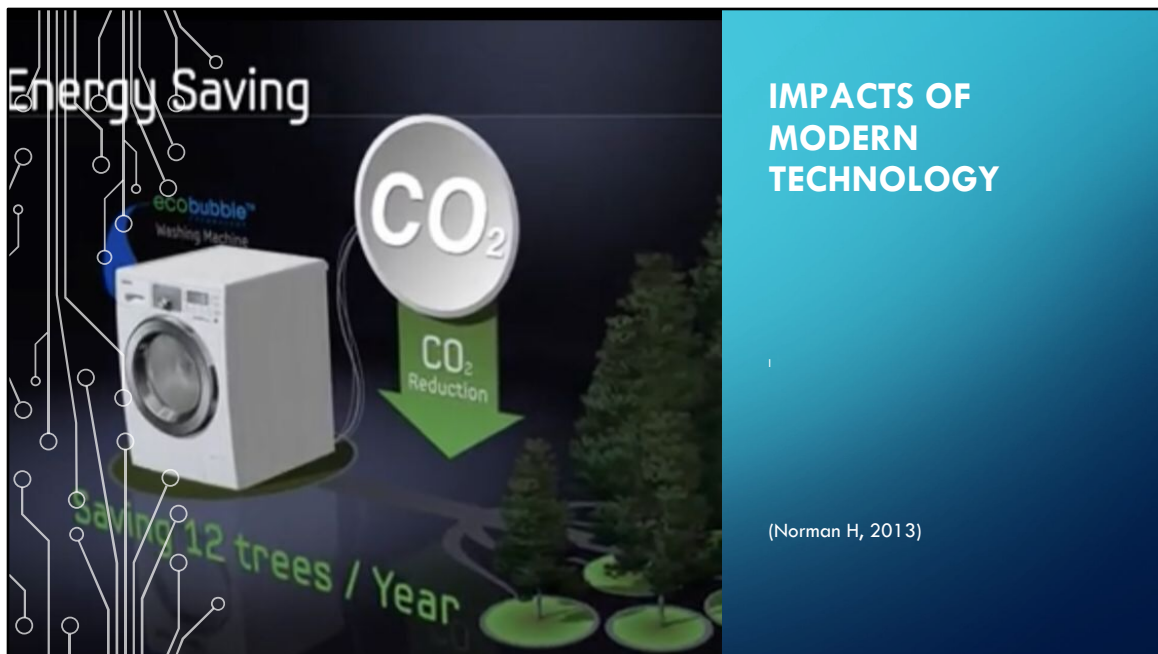
- REMOVAL OF THE TOUGHEST STAINS
- ENERGY SAVING
- LESS DETERGENT USED
- EFFICIENT QUICK WASH FEATURE
- QUIETNESS
- DELICATE WASH IN ANY PROGRAM

(Techinfus.com, 2019)

Samsung places their values on people. They establish peoples needs and implement the newest technology to meet those distinguished needs. The benefits of the Samsung Eco bubble washing machine includes the ability to remove the toughest stain, whether it be spaghetti sauce or coffee stain with the boiling effect this washing machine can loosen and remove those stains effectively. In addition to that, this technology allows energy to be saved on every wash. The amount of energy used on every cycle is reduced by 70%. The amount of detergent used is reduced due to the bubbles ability to get into fabrics very deeply and give a thorough wash. There is a 15 minute quick wash feature that gives fantastic results. These machines are equipped with a digital inverter motor which spins the drum magnetically enabling it to run quietly during washing. It doesn't matter what type of clothes are being washed, thanks to this technology a delicate wash is available in any program.



With everything in life there is always a good and a bad side. For the Samsung Eco bubble washing machine the good outweighs the bad. The unfavourable things about this machine are that it is expensive and they are much bigger than conventional ones. The cost of these machines are on the expensive side which will make it difficult for some people to purchase. Due to the fact that these machines are a bit bigger, it may not fit in spaces that are reserved for washing machines.



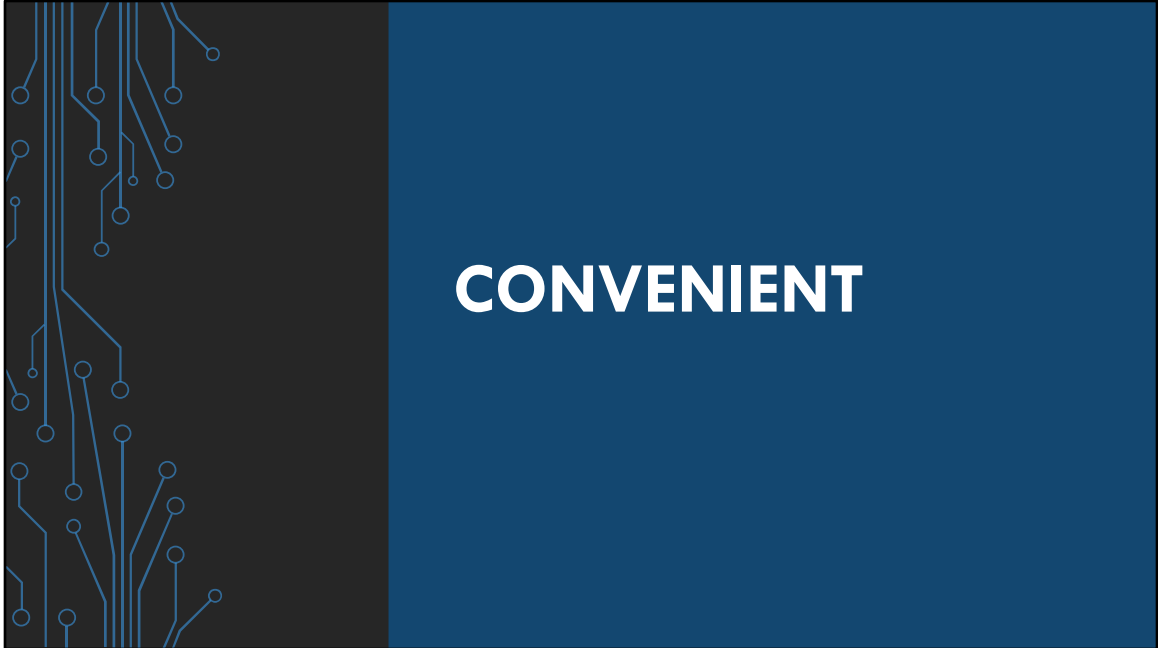
In the next few slides I will speak about the positive and negative ways in which this technology has impacted peoples lifes.



Due to low energy consumption and less use of detergent Money is saved through electric bills and detergent cost. The smart check allows money to be saved as problems with the washer can be fixed through the app without the need to pay an engineer.



Time is saved as there is no need to pre-soak laundry to get rid of those tough stains anymore as the Bubble soak feature does that for you and with smart check, problems with the washing machine are identified and fix without the need of a engineer call out.



It's convenient for consumers because forgotten clothes can be added while the cycle is going so there's no need to do a second wash and machines can run at unsociable hours thanks to it's quietness.



The diamond drum allows fabrics to be protected from damages therefore clothes are able to last a lot longer.



Through low energy consumption, CO2 emissions are reduced, allowing twelve trees per year to be saved and the minimisation of pollution.



Though it is environmentally friendly, it is still responsible for some pollution on the environment through to the use of energy.



Due to these machines being pricey, it will not be for everyone, just those who can afford it.



A lot of people are not equipped with the knowledge when dealing with technology, which will leave them unable to access a lot of the features this technology has to offer.

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