



Qdesik

Design, Strength, and Sustainability



WWW.QDESK.NET
WWW.OPRODUCTS.NET
715 Pinellas St. Clearwater, FL
USA 33756
TELÉFONO: 727-442-6219
FAX: 727-442-6223
OFFICE@QDESK.NET

ABOUT US

We are an innovative company in the world of school desks. We have designed the only modern and ergonomic school desk that has a positive impact in academic performance. It is functional and aesthetic, economic, safe, and eco-friendly.

This is the desk that every student should have.

In order to ensure a modern and appropriate design, we have conducted a series of studies to test the efficiency and suitability of Qdesk® from different perspectives.

Our business model allows us to have production facilities in several continents: The Americas, Africa, Asia, and various areas of the Caribbean.



HISTORY

In late 2004, there was a need to create a product that would make an impact and would be a real contribution to society. This need helped us pursue an idea that we thought impossible: making a plastic school desk using the rotational molding technique that would help solve many problems we had detected.

How to achieve so many curves? How to make the table hold the student's weight?

In 2005, with the help, advice, and design of INDESCA (Research and Development, C.A.), a project was started that produced its first results in late 2007.

This first product was tested in several schools. Based on the results of this test, modifications were made in the back support, height of the table, curves, and angles.

Qdesk's current design was obtained in late 2008. In June 2009, the Qdesk was presented to the market at the SPE fair (Society of Plastic Engineers of USA) where it was awarded the first place for Single Part Design.



Since June 2009 until today, we have started businesses in the USA, Mexico, Panama, the Caribbean, Colombia, Venezuela, Ecuador, Brazil, Uruguay, Uganda, Qatar, and Thailand.

Our intention is to continue growing in order to provide an excellent solution for students, parents, institutions, and governments around the world.

It all started from the need to create solutions!!!



A NEED WAS DETECTED

There are some places, such as some African countries (check www.activeafrica.org), where schools do not have any furniture. There are schools where only walls, ceilings, teachers and students coexist. The children study while sitting on the ground.



When we toured schools in Santa Cruz de Aragua in Venezuela, we noticed piles of desks. The school principal explained that those desks were broken and could no longer be used; but since they were State assets they could not be disposed until the Ministry authorized it, and that could take years.



This bureaucratic reality, that does not allow the disposal of old and broken student desks, exists in many countries in Latin America.

The same principal said: “This happens quite often due to the bad quality of school desks that last 2 to 3 years. The screws get loose, the welded parts come apart, the top of the desks are conglomerates and deteriorate easily.”

The quality of raw materials is low, and having moving parts accelerates the wear and tear. These kinds of school desks need constant investment in maintenance.

It is evident that there is a need for good quality school desks that durable and resistant to wear and tear. We have succeeded in providing a solution to educational institutions worldwide: The Qdesk®.

The future of any nation sits and studies in school desks. We believe that if we give them the best, we can have a very bright future.

Qdesk® offers students worldwide an ergonomic solution with academic impact that is functional and aesthetic, economic, safe, and ecofriendly.

El Qdesk®, AN EFFECTIVE SOLUTION

The design of the Qdesk® focuses on the needs of its users, characteristics of the school environment, and the nature of the materials used.

The impact of a product is determined by its relationship with the people and the environment.



We think about students

Qdesk IS ERGONOMIC



We enhance the capabilities of the student:

Qdesk IMPROVES ACADEMIC PERFORMANCE



We transform the school environment:

Qdesk IS FUNCTIONAL AND AESTHETIC



We use resources consciously:

Qdesk IS ECONOMIC



We inspire confidence:

Qdesk IS SAFE



We choose ideal materials:

Qdesk IS ECOFRIENDLY



We participate actively in social environment:

Qdesk IS SOCIALLY RESPONSIBLE



Qdesk IS ERGONOMIC

Ergonomics and Anthropometry

Qdesk® offers an ergonomic design according to the anthropometric dimensions of the human being in its different stages.

A study carried on by Pocaterra, K. in 2009, at the University of Florida, says that the ergonomic principles used for the design of the Qdesk® minimize the risk of corporal injuries since students sit in a correct sitting posture.

The results of this study confirm that the Qdesk® provides the necessary ergonomic support for students, and demonstrate that the measurements of the desk fit the range of anthropometric dimensions required.



Ergonomics and posture

According to Quintana et al (2004), students remain seated about 60% to 80% of school hours.

Taking into consideration that students remain seated in their classroom for long hours, it is important that they have adequate support. This helps the proper development of bones, the learning process and the overall development of the individual.

The back of the Qdesk® has little curvature, thus allowing the spine form the necessary S-curve for the correct posture while sitting.





Qdesk IMPROVES ACADEMIC PERFORMANCE

Posture and Performance

A field study carried out in Caracas, Venezuela in February 2015 shows that the Qdesk® improves the academic performance of students.

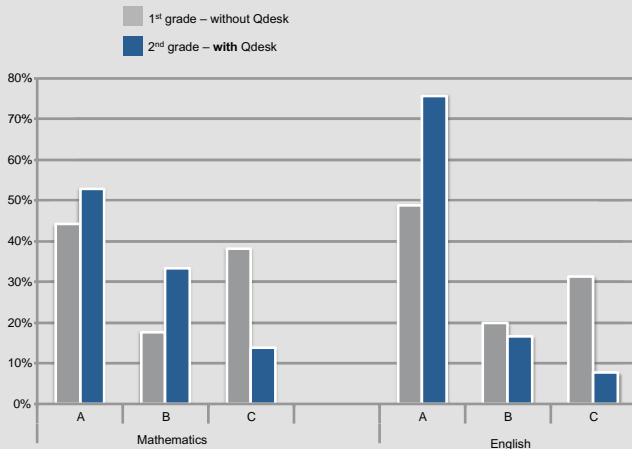
The graphic shows that when students use the Qdesk®, a higher percentage are within range A of the school evaluation (excellent), and approximately 20% less in range C (deficient).

Since students feel comfortable and have a correct sitting posture, they are able to concentrate for longer periods of time.

The continuous use of an ergonomic desk favors the performance of students in their daily routine.

This allows them to adopt a correct posture that improves their sense of comfort thus promoting optimal learning environment infrastructure.

It is important to highlight what Piñeros y Rodríguez (1988) assert: "The importance of school is greater to the extent that the levels of industrialization are lower" (p.4). Thus, in the context of developing countries it is essential to help in the improvement of schools, and a way to do this is by modernizing the infrastructure of the learning environment.



"The desk is very comfortable; I love that it's blue. It also improves my posture and is very resistant. I'd love to use it for many more years"

Ana Gabriela Gonzalez, 6th grade.

"Students feel very comfortable and they are able to sit for long hours, without the uncomfortableness of the other type of desks"

Ernesto Salas, High School Principal.





Qdesk IS FUNCTIONAL AND AESTHETIC

Versatility

Education today is dynamic. Strictness is a thing of the past, and the Qdesk® adapts to this change as a high quality school resource.

The attractive colors significantly improve the school environment.

The space designed in the base works well to store school supplies. Its lightweight allows you to move it easily without damaging the floor.

This is how the Qdesk® becomes an educational tool facilitating the application of different methodologies and teaching techniques as it can be easily arranged according to social forms of learning: individually, in pairs, or in groups.





Qdesk IS ECONOMIC

Quality and Durability

The Qdesk® is a single-piece school desk unique in the market. This also makes it economic, durable, safe, and enhances the capabilities of students.

It is easy to clean and is maintenance free: it does not need repairs, paint, sandpaper, welding, nails, or glue.

No labor or maintenance materials expenses; no worries about storage space.

The Qdesk® is the most economical furniture possible. A single investment, forever.

The Qdesk® is bought only once, because it lasts a lifetime.

The warranty of the product varies depending on the laws of each country, which range from 10 years up to a lifetime.

Several extreme test have been carried out to demonstrate the indestructibility of the Qdesk:

- Beating it to the floor.
- Explosives
- Hit by a truck.
- Dropped from a great height.
- Fire.
- Bearing rocks

Height



Fire



Rocks





Qdesk IS SAFE

Quality and Safety

Parents, teachers and principals love its rounded edges.

There are no sharp parts, nails or screws, so students can use it without getting injured. No loose parts means it is impossible to disassemble, take apart, or destroy.

The Qdesk® underwent an impact of a 70cm concrete block weighing 500 kg

(1100 lbs.) thrown from a height of 7,5 ft. (2.5 m). This test was a simulation of an earthquake. The school desk withstood the weight of the concrete block, deforming only in the extent shown in the picture. With this test, it was proven that the Qdesk could protect students in case of a falling roof of a building.

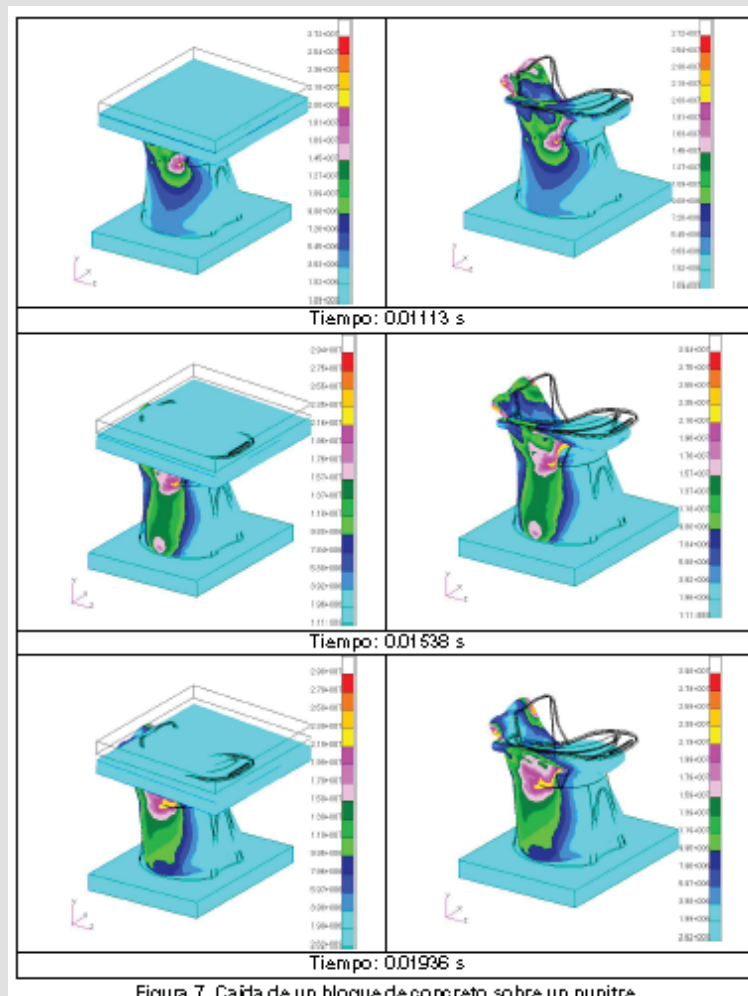


Figura 7. Caída de un bloque de concreto sobre un pupitre



Qdesk IS ECOFRIENDLY

Quality and the Environment

The word “ecofriendly” is an adjective derived from English used to designate sustainable products, whose manufacturing process seeks to generate a minimal impact on the environment.

The conservation of the planet is a duty for survival in our contemporary world.

We practice what we preach by offering a 100% recyclable furniture manufactured with natural gas, which produces 0% CO2 emissions to the atmosphere.

The Qdesk® is environmentally friendly, made of durable, safe, and 100% recyclable raw material.

It cannot be disassembled, it does not rust, rot, break, wear or get humid.

It contributes to the preservation of green spaces and prevents the indiscriminate cutting of trees.

“A student sits, a tree stands”





Qdesk IS SOCIALLY RESPONSIBLE

Social Awareness

In 2010, when Haiti was hit by a major earthquake, many companies and organizations worldwide offered help and resources.

QProducts LLC, a multinational company that makes the Qdesk®, decided to get involved and together with *Bless the Children, Inc.*, a nonprofit organization, donated school desks in order to rebuild schools.

We strongly believe that through education, we strengthen our communities and ensure a better future for children around the world.



RESULTS

"The change of desks to the Qdesks has been a good thing; the classrooms look nicer, besides they are practical and comfortable; I like the fact that I can keep my things in the cubby".

Bárbara Morantes, UEP El Araguaey.

"Qdesks look very nice, there's plenty of room, and they're made of a durable material, they are comfortable; I love the color and they're very easy to maintain."

Brian Niño, UEP El Araguaey.

"The QDesk is very comfortable for writing; I like that it has a slot to put pencils, the cubby is very good to store things. Thanks for bringing the Qdesk to my school".

Verónica Sánchez, UEP El Araguaey.

"Well, we've been using the Qdesk for 5 year. We started with Qdesks and we none have broken".

Daniela Segura, Principal, CONALEP Plantel III.

"This new product has meant a positive reduction in our finances; the maintenance budget was quite high, now those funds are being re-directed to the improvement of our classrooms because the Qdesk is maintenance free".

Lucero Santa Cruz Polanco, Deputy Principal, Instituto Moderno Americano.

"I think the Qdesk came to change the educational infrastructure. One of the advantages is that the students feel more comfortable because they are working with modern equipment".

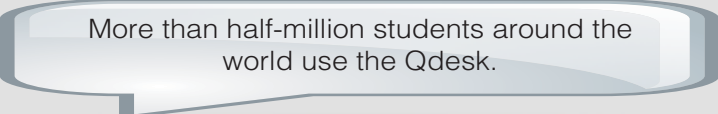
Florisel Ramos Pulido, Principal, Colegio Americano.

"My kids are very happy with the Qdesk because it's comfortable, it makes them keep a good posture while writing. My older son says that since he sits on the Qdesk his back doesn't hurt anymore, which did when he sat on the traditional desk. Feeling more comfortable makes him feel happier to be in the classroom. He spends the morning doing his activities and doesn't have the rejection of having to sit and listen to the teacher. They feel comfortable when studying."

Karina Pérez, representative of Unidad Educativa Orinoco.

"The Qdesk is an excellent school desk. It has worked very well for us. We're all delighted in our school we are all fascinated: students, the school staff and the parents, because it gives a very different look to the environment and a different look to the school. The added value is worth it because it's maintenance free."

Nancy Martínez, Colegio Semillitas de Mayab.



More than half-million students around the world use the Qdesk.

SOURCES CONSULTED

Triviño, M., Durán, M, y Zuloaga, A. (2015). **Análisis de la relación entre el uso del pupitre Qdesk y el rendimiento académico de los estudiantes en Colegios de la Gran Caracas**,Venezuela.

Piñeros, L. y Rodríguez, A. (1998). **Los insumos escolares en la educación secundaria y su efecto sobre el rendimiento académico de los estudiantes: un estudio en Colombia. Colombia: LCSHD Paper Series.**

Pocaterra, K. (2009). **La selección ergonómica del Qdesk**, University of Florida.

Quintana, E., Martín, A., Barbero, F.J., Méndez, R., Rubens, J. y Calvo, J.I. (2004). Relación entre la postura sedente y el mobiliario utilizado por una población escolar. En Rev Iberoam Fisioter Kinesol, 7, 7 (1), pp. 22-34. Recovered on May 24, 2015 at <http://www.elsevier.es/es-revista-revista-iberoamericana-fisioterapia-kinesiologia-176-articulo-relacion-entre-postura-sedente-el-13063601>

LINKS: ARTICLE, STUDIES, AND VIDEOS

Article: “Pupitres para la escuela secundaria de Chankungu”, http://www.activeafrica.org/malawi_educacion/pupitres_para_chankungu.html

Study1: “La selección ergonómica del Qdesk”: <http://qdesk.net/assets/uni-de-laflorida.pdf>

Mechanical resistance videos: <http://qdesk.net/de-por-vida.html>

©2006 QProducts LLC All Rights Reserved. Any unauthorized copying, translation, duplication, importation or distribution, in whole or in part, by any means, including electronic copying, storage or transmission, is a violation of applicable laws. Qdesk® is a trademark is Owned by QProducts LLC.



WWW.QDESK.NET
office@qdesk.net