

Swin

[スウィン]



Inaba

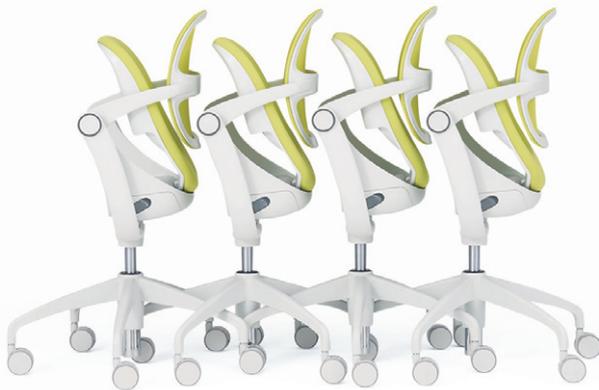




Design

INABA has collaborated with Mr. Okuyama for Swin design.

With an all-new function, it allows you to reassert yourself in a subtle manner. Simple yet innovative designs can leave a lasting impression, nesting the context for a robotic futuristic experience.



Design Supervisor

Mr. Kiyoyuki Ken Okuyama

Industrial Designer

K E N O K U Y A M A D E S I G N



Born in 1956 in Yamagata, Japan

He is formerly the Chief Design Director for General Motors, Senior Designer of Porsche, Art Director of Pininfarina and Industrial Design Director of Art Center College of Design.

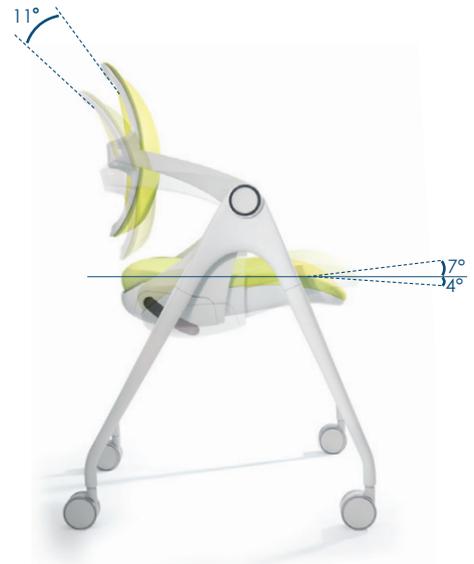
He has established KEN OKUYAMA DESIGN since 2007 and based in Yamagata, Tokyo and Los Angeles, creating brands of automotive, interior designs and eyeglasses design and taking care of design, development and sales.

www.kenokuyamadesign.com

Swivel

The seat and backrest can swivel independently. By activating the ON/OFF switch you can swivel your seat for a cradle motion or swinging motion.

The armrest acts as an axle, holding in place both the seat and the backrest. This innovative chair design will surely bring you a more pleasurable sitting experience.



※The above illustrations are for reference only. Actual product movements may vary.



Lean forward for work position.

Seamlessly
change
your desired
sitting
posture



Lean back to rest and relax.

Comfort & Health

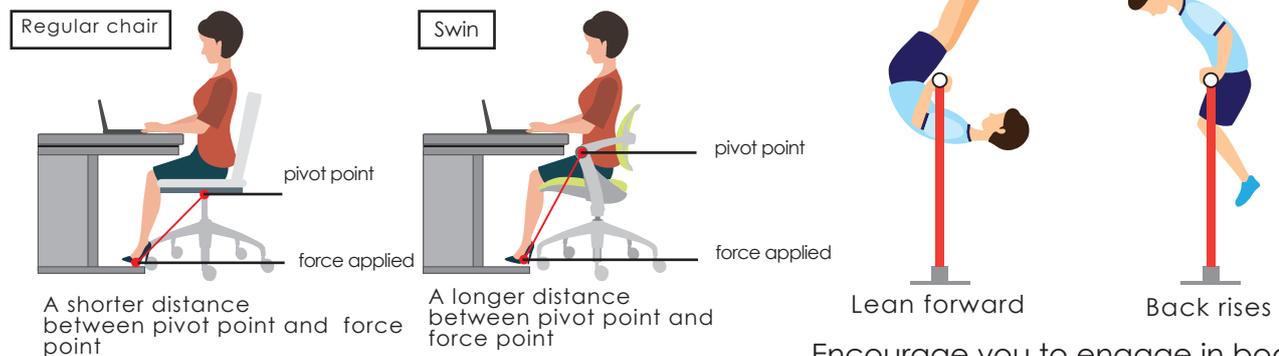
Flexible Position



Structure built for movement invites you to become more active in changing your posture. The axle of the chair is where the center of gravity of your body is located, therefore encouraging you to engage in natural body movements while sitting.

No matter how proper your sitting posture is, prolonged sitting can result in poor blood circulation, which can lead to an accumulation of exhaustion in the body.

Swin satisfies your natural urge for body movement, leading to better health. It is a product designed with a healthy lifestyle in mind.



Shaped for swivel movement

When force is applied to foot, with the support of the pivot point located at the axle of the chair, it will be amplified to allow your movement to become more effortless.

Encourage you to engage in body movements

When sitting, your body's center of gravity is near your abdominal area. A child needs to balance his weight on a vault bar while engaging in forward leaning and back rising movements. Swin's axle incorporates the same concept. When Swin's axle is near your center of gravity when sitting, your inertial force becomes small, and you naturally want to engage in body movement.

Half Seating Position

Half Seating position at desk

Swin's height-adjust button is located below your elbow, allowing you to easily adjust your sitting height. Especially when you adjust your seat to the Half Seating position, your forward leaning position is amplified. Your spinal centerline is stretched, giving you a more relaxing feeling.



Half Seating allows for an elegant working posture



Height adjustable function



Height-adjust button

Creation

Swin's swivel movement fosters creativity.

ON/OFF

You can improve your creative thought process in individual work.

You can improve communications and listening skills in collaborative work.

Giving your mind a ON/OFF mode will bring rhythm in your group discussions

Researcher



Reiko Mitsuya

Visiting Lecturer of Research Council,
Waseda Research Institute for
Science and Engineering,
WASEDA University

- 1977 Graduated from the department of resources engineering, Faculty of Science and Engineering of Waseda University, worked at the Technical Research Institute of Obayashi Corporation.
- 1999 Graduated from the department of Human Studies, Faculty of Literature of Musashino University. Completed the doctoral course of Graduate School of Human Sciences, Waseda University. After working as Doctor (Human Sciences) and Part-time lecturer of Tokai University, she is currently working as Visiting Lecturer of Research Council of Waseda Research Institute for Science and Engineering. Area of research is Ergonomics and Applied Statistics.
- 2004

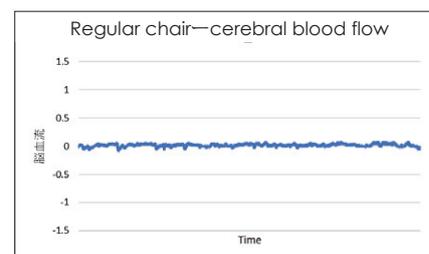
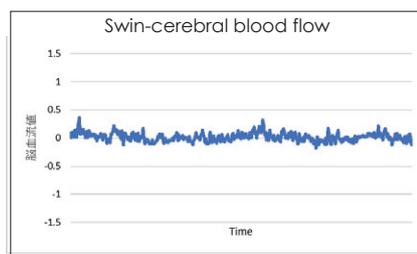
Inaba International Co., Ltd's internal laboratory results

ON/OFF Switch for your mind

The two graphs on the right illustrate cerebral blood flow measured against time for people sitting in Swin Chair vs. in a Regular chair. Compared with sitting in a regular chair, a person sitting in a Swin achieves greater swivel movement, and this can increase cerebral blood flow. This suggests that sitting in a Swin enables user to control his mind with an ON/OFF switch.

※Graph shows experimental results (30 minutes), indicating the blood flow data of a Swin's user vs. a regular chair user.

※Cerebral blood flow index can be used to show brain activity. When a certain part of the brain is stimulated, there is an increased blood circulation to the area.

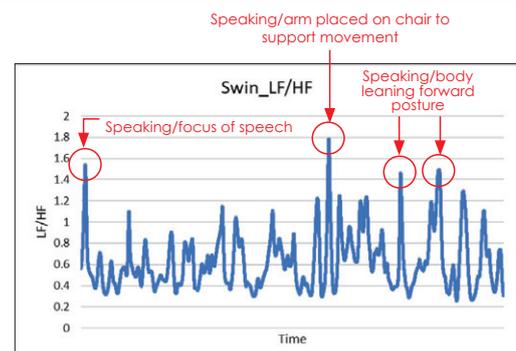


Facilitate Communications

While a user engages in communications, Swin will accommodate to the user's body posture. When the user speaks and leans forward, Swin will move with the user. Speaking in a forward-leaning posture will enhance one's speaking ability and improve one's articulation.

※Graph shows experimental results (30 minutes), indicating the Swin user's LF/HF values. On analyzing the peaks of the graph indicated by the red circles, one can point out the time when the user adopts a forward-leaning position when speaking.

※LF/HF values: Sympathetic Nervous System (LF) and Parasympathetic Nervous System (HF) balanced values. Lower value indicates stress and lower concentration, the higher the value, the higher the concentration.



Work Place Design

Redesigning modern work space
It's the perfect time to remove your
coat and relax.

Below scene shows ABW(Activity based working) infused in work space.



Flexibility

More freedom, greater flexibility.
Project-based works are becoming
more commonplace.

More people are engaging in longer meetings nowadays. Swin, an unprecedented 5 leg-based nesting chair, is introduced to the market to answer the rising trend.

For short meetings, you can use the 4 leg-based chairs to add convenience, but for extended meetings, 5 leg-based chairs allow for healthier sitting postures of users. To push beyond boundaries in work, you need a superior chair without boundaries to your movement.



Meeting Type Folded size Approximately 190mm



Task Type Folded size Approximately 280mm



Executive エグゼクティブ



Collaboration

コラボレーション



Concentration

コンセントレーション



Conference

カンファレンス

