



# Dynamic Sun Control

HunterDouglas® Dynamic Sun Control has the proprietary functionality of **tilting and stacking large span louvre fin applications**. It offers the unique solution to have a durable and fully motorised architectural Sun Control System which can be positioned to ones needs. The **full control over the aperture openings** creates excellent flexibility: from a fully closed plane to a clear view in a stacked position. The sophisticated Dynamic Sun Control provides outstanding shading performance for a building and its occupants and complies with energy conservation requirements.

**HunterDouglas**

SUN CONTROL

# Dynamic Sun Control

## Maximise your comfort

### MAXIMUM FUNCTIONALITY

The Dynamic Sun Control system is vertically mounted to the façade by lateral guides. The infill consists of horizontal stylish extruded aluminium louvres which can be tilted from fully opened to fully closed. In open tilting position the louvre fins can be stacked to a compact package. The sophisticated Dynamic Sun Control system works with a specially designed extruded louvre profile, able to make large spans. The system is a highly effective solution for shading any size or multiples of windows, as well as entire screen walls.

### IN CONTROL OVER COMFORT

Dynamic Sun Control gives an excellent control over comfort for a building and its occupants, even in rough weather conditions. By effectively reducing solar radiation entering the building, agreeable working conditions are provided and a considerable reduction of air conditioning equipment is allowed. The system can operate as an individually controlled unit or integrated in a building management system, centrally controlled by sun and wind detector input. As such it will strongly contribute to energy conservation requirements.



**STACKED**



**OPEN**



## ADAPTABLE DESIGN

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Applying Dynamic Sun Control onto the building's exterior gives the possibility to transform the appearance of the building design instantly. Control over the aperture openings will be given the maximum effect by the stylish and compact design of the lateral guide, the absence of head or bottom rail and the large louvre spans.

## PATENTED TECHNOLOGY

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The HunterDouglas® Tilt'nStack™ technology used for Dynamic Sun Control is unequalled in functionality and performance. The unique patented technology enables the combined tilting of matching louvres into any desired position, and the stacking of the louvres into a compact package when needed.

## NUMEROUS APPLICATIONS

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The HunterDouglas® Tilt'nStack™ can be applied as a vertical and angled projected system, top stacked, in different functionalities, such as:

- Visual Comfort: full control over daylight
- Thermal Comfort: control over solar radiation entering the building
- Natural ventilation: control over wind flow on façade, allow natural ventilation in high wind conditions
- Aesthetic appearance: instantly transform the appearance of the building
- Safety: enhancing building security
- Cleaning and maintenance: stacking will allow easy cleaning and maintenance of the façade



## DYNAMIC SUN CONTROL - KEY FEATURES

- Stackable louvre fin system
- 90° tiltable louvre fin system, fully open to fully closed louvre fin position
- Patented technology
- Stylish and compact design
- Large louvre spans
- Application of special designed louvre fin; alternative fins possible
- System contains only lateral guides (no head or bottom rail)
- Height maximum 3.5 meter, fin span depends on windload
- Tilting and stacking integrated in motor functionality
- Fully motorised and synchronised system
- Applicable in horizontal and angled direction, with horizontal positioned louvre fins
- Operates with windloads up to 1000 N/m<sup>2</sup> (3 x 3 m)  
In stacked position can withstand up to 3000 N/m<sup>2</sup>
- Designed meeting highest standards in durability, reliability and safety
- Easy installation



# HunterDouglas

WINDOW COVERINGS

CEILING

SUN CONTROL

FAÇADES

**HUNTER DOUGLAS EUROPE B.V.**

2, Piekstraat

P.O. Box 5072 - 3008 AB Rotterdam

The Netherlands

Tel. +31 (0)10 - 486 99 11

Fax +31 (0)10 - 484 79 10

[www.hunterdouglascontract.com](http://www.hunterdouglascontract.com)