



# SANTANDER WEB CALCULATOR

## Instructions

### Hva koster det?

The screenshot shows a mobile-style interface for a car loan calculator. At the top, there is a red circle with a white car icon. Below it, the monthly payment is displayed as "2 477,- /mnd". There are four sliders with red handles and labels: "Pris" (Price) set to 250 000,-, "Egenkapital" (Down payment) set to 87 500,-, "Nedbetalingstid" (Term) set to 7 år, and "Rente" (Interest rate) set to 5,45%. Below the sliders, there is a "Priseksempel" (Price example) section with the following text: "5,45 % nom/7,67 % eff.", "Egenkapital: 35 % Lånebeløp: 150 000,-", "Nedbetalingstid: 5 år Etabl: kr.2774,-", and "Totalt: kr.184.290,-". At the bottom of the interface is the Santander Consumer Bank logo.

### Smode AB

Fannalundsvägen 17  
749 42 ENKÖPING

0171 510 50  
info@smode.se

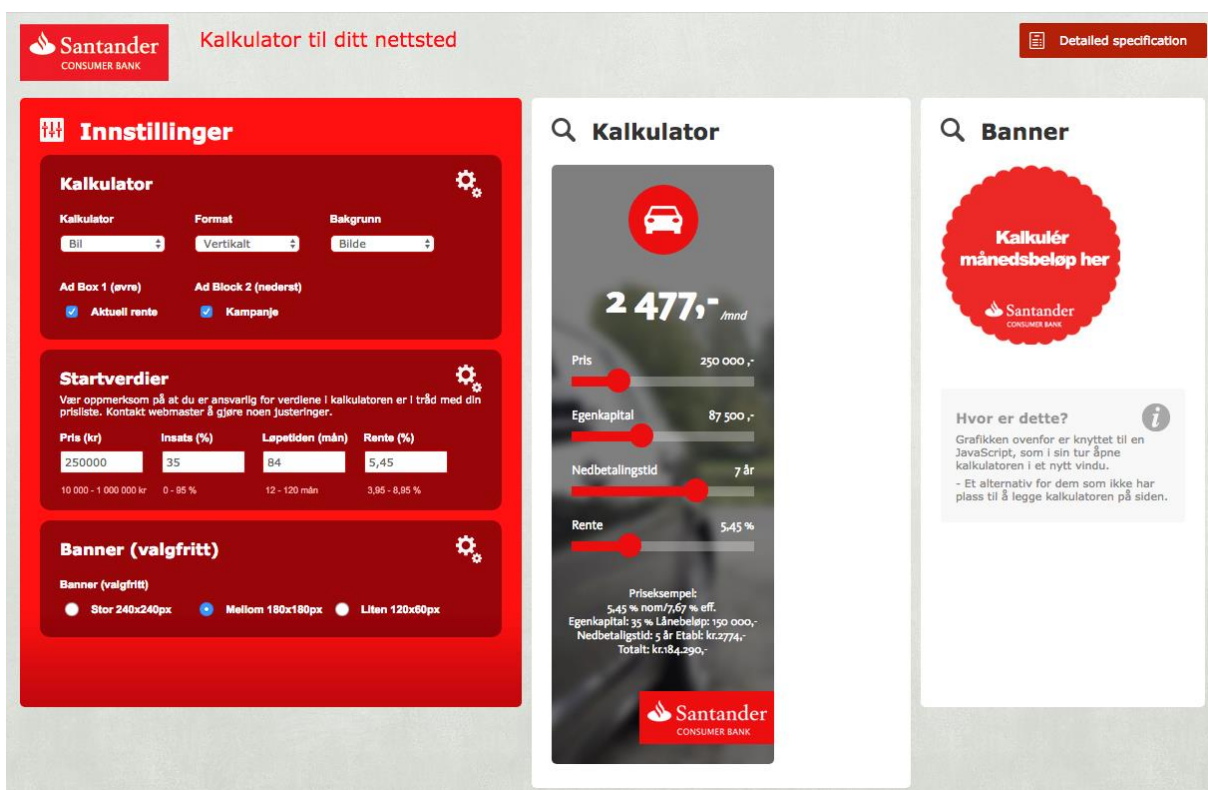
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## INTRODUCTION

The Santander web calculator widget is produced, supported and hosted by Smode. Questions regarding customization are to be sent to Kim Holm at [kim@smode.se](mailto:kim@smode.se).

All parameters shown in this document are optional and you can select the ones you wish to change. The parameters are to be set as GET parameters to the HTTP request when the calculator is loaded via an iframe, an embedded JavaScript or as a JPEG image. If you prefer, however, there is an admin tool to set the basic parameters:



You will access the admin tool at <http://calc-no.santanders.se/>.

## VERSIONS OF THE CALCULATOR

As of December 2017, there are two version of the calculator. The main difference between these two are the design aspects.

The newer calculator is set by default in the admin tool, and the older calculator will continue to operate as normal via GET parameters.

To differentiate between the two versions, the newer calculator will be referred to as "calculator 2.0" throughout this document

If nothing is explicit mentioned, the functionality will be the same for both versions.

## TYPES OF CALCULATORS

There are seven types of calculators available as of September 2016: *Bil*, *Fritid*, *Båt*, *Caravan*, *MC*, *ATV* and *Snöskoter*.

For calculator 2.0 the following types of are available: *Bil*, *Fritid*, *Båt*, *Caravan*, *MC*, *ATV*, *Snöskoter* and *Vattenskoter*.

The difference between these types are few. As of today the only differences are the image/icon shown in the vertical/horizontal layout template and the default starting price of the calculation.

These settings may change without prior notice. To ensure your preferred starting price, please set it explicitly (see [Customizing numeric values](#)).

### Calculator type parameter: cT

Valid values: 1 – 7

Default value: 1 (Bil)

Example: <http://calc-no.santanders.se/calc/?cT=5>

For calculator 2.0, use the following:

Valid values: 1-9

1 - Bil (default)

2 - Fritid

3 - Bil (with salvage instead of interest)

4 - Båt

5 - Caravan

6 - MC

7 - ATV

8 - Snöskoter

9 - Vattenskoter

### Hva koster det?



## LAYOUT

### Layout orientation

There are two default layout orientations for the calculator: vertical and horizontal.

### Calculator format parameter: cF

Valid values: 1 - 2

Default value: 1 (vertical)

Example: <http://calc-no.santanders.se/calc/?cF=1>

### **Layout skin (colour scheme)**

As of today there is only one colour scheme – the default red and white Santander skin.

### **Calculator colour parameter: cC**

Valid values: 1

Default value: 1 (Santander)

Example: <http://calc-no.santanders.se/calc/?cC=1>

*Currently not supported by calculator 2.0*

### **Calculator background parameter: cB**

Valid values: 1-2

Default value: 1

Example: <http://calc-no.santanders.se/calc/?customMade=123456789&cB=2>

1 = Solid background

2 = Background image

*Only supported by Calculator 2.0*

### **Layout size**

As of today there is only one calculator size.

### **Calculator size parameter: cS**

Valid values: 1

Default value: 1

Example: <http://calc-no.santanders.se/calc/?cS=1>

### **Layout responsiveness**

To make the calculator responsive to different screen resolutions, please set the cResponsive parameter to 1. This will make the calculator responsive within its iframe, which then makes it possible for website owners to add responsiveness to the iframe in the CSS definitions of the site.

Example: <http://calc-no.santanders.se/calc/?cResponsive=1>

See the following recommendations for using the responsive parameter with calculator 2.0.

Original height/width for the vertical layout is 600x223px

Original height/width for the horizontal layout is 313x600px

The horizontal layout in calculator 2.0 will adjust to a vertical layout when below its original width.

We recommended that the vertical calculator is not below its original height/width.

We recommended that the horizontal calculator is not below its original height/width when viewed horizontal.

We recommended that the horizontal calculator is not below 610x224px when viewed vertical.

## Brand specific layout skin

Set a brand specific skin using the calculator custom made

parameter: customMade

Valid values:

- Nissan vertical: 82997
- Nissan horizontal: 82998
- Hyundai: 54820
- Hyundai 2: 44983
- Opel: 30984
- Opel negative: 30985
- KTM: 12849
- Isuzu: 41951
- Suzuki: 95612
- Alfa Romeo: 84156
- Fiat: 19942
- Jeep: 20074
- Chevrolet: 20075
- Polaris: 20076
- Subaru: 44977
- Subaru (XV, Impreza, Forrester and Outback): 4497701
- Subaru (Levorg): 4497702
- Harley Davidson: 44978
- Mazda: 44981
- Ssangyong: 44982
- Honda: 44984

Default value: none (Santander default skin)

Example: <http://calc-no.santanders.se/calc/?customMade=84156>

**Hva koster det?**



**3 266** KR/MND

Pris 250 000 kr

Egenkapital 87 500 kr

Nedbetalingstid 5 år

Priseksempel:  
 6,46 % nom/7,07 % eff. Egenkapital: 35 %  
 Lånebeløp: 150 000,- Nedbetalingstid: 6 år  
 Etabl: kr.2774,- Totalt: kr.184.290,-



*Currently only Santander default skin exist for calculator 2.0. Brand specific layout for calculator 2.0 can be implemented upon request. Read below.*

### **Dealer specific layout skin**

There is an option to have your own skin implemented as a custom made one, representing your own brand.

Please contact Kim Holm at [kim@smode.se](mailto:kim@smode.se) for more details.

## CUSTOMIZING NUMERIC VALUES

The calculator price, deposit (kontantinsats / egenkapital), installment (avbetalningstid / nedbetalningstid), salvage (restvärde / restverdi) and rate (ränta / rente) can be configured individually using four parts, whereas the stepping value would preferably be set to match start/min/max values for best User Experience (UX).

You may set none, a few or all of these values depending on your situation. You might, however, need to change the minimum or maximum value when changing the default value. This is to make sure that the default value is not outside of the min/max limitation.

**Starting value** = starting value when the calculator is loaded.

**Min value** = minimum allowed value.

**Max value** = maximum allowed value.

**Step** = stepping value used by increase/decrease buttons and the value slider.

### Price parameters:

- customPrice
- customPriceMin
- customPriceMax
- customPriceStep

### Deposit parameters:

- customDeposit
- customDepositMin
- customDepositMax
- customDepositStep

**Installment parameters:**

- customInstallment
- customInstallmentMin
- customInstallmentMax
- customInstallmentStep

**Salvage parameters:**

- customSalvage
- customSalvageMin
- customSalvageMax
- customSalvageStep

**Rate parameters:**

- customRate
- customRateMin
- customRateMax
- customRateStep

**Example:**

<http://calc-no.santanders.se/calc/?customPrice=129995&customRate=7.25&customRateStep=0.01>

## CUSTOMIZING TEXT CONTENT

The calculator text content and footer URL may be customized using these parameters:

### **Loading text**

`customLoaderText`

The `customLoaderText` will be shown for a second or two when the calculator is first loaded.

Example:

<http://calc->

[no.santanders.se/calc/?customLoaderText=?customLoaderText=Calculator%20is%20loading](http://no.santanders.se/calc/?customLoaderText=?customLoaderText=Calculator%20is%20loading)

### **Calculator header**

#### **customHeader**

The `customHeader` parameter will change the top most visible text header in the calculator.

Example: <http://calc-no.santanders.se/calc/?customHeader=Hello%20World>

#### **customSubHeader**

The `customSubHeader` parameter is not used in the standard Santander skin, but it may be used in custom made skins.

Example: <http://calc-no.santanders.se/calc/?customSubHeader=Welcome>

### **Calculator footer**

customFooterText

As of today the customFooterText parameter has no effect on standard Santander calculator skins, but it may be used in custom made skins.

Example: <http://calc-no.santanders.se/calc/?customFooterText=foo>

### **customFooterURL**

The customFooterURL will be set as the href attribute (link to a website) of the calculator footer <a> tag.

Example: <http://calc-no.santanders.se/calc/?customFooterURL=http://smode.se/>

### **Slider headers**

The adjustable slider header may be customized using the following parameters:

#### **customPriceHeader**

Example: <http://calc-no.santanders.se/calc/?customPriceHeader=Price>

#### **customDepositHeader**

Example: <http://calc-no.santanders.se/calc/?customDepositHeader=Deposit>

#### **customInstallmentHeader**

Example: <http://calc-no.santanders.se/calc/?customInstallmentHeader=Installment>

#### **customSalvageHeader**

Example: <http://calc-no.santanders.se/calc/?customSalvageHeader=Salvage>

### **customRateHeader**

Example: <http://calc-no.santanders.se/calc/?customRateHeader=Rate>

## **Localization**

### **CustomCurrency**

Example: <http://calc-no.santanders.se/calc/?customCurrency=USD>

*Currently not supported by calculator 2.0 for the standard Santander skin*

### **customYearSuffix**

Example: <http://calc-no.santanders.se/calc/?customYearSuffix=yrs>

### **customMonthText**

Example: <http://calc-no.santanders.se/calc/?customMonthText=mnt>

## **Overlay info dialog**

### **customOverlayChar**

Example: <http://calc-no.santanders.se/calc/?customOverlayChar=i>

*Currently not supported by calculator 2.0*

### **customOverlayInfo**

Example: <http://calc-no.santanders.se/calc/?customOverlayInfo=Text%20here>

*Currently not supported by calculator 2.0*

## **Calculation example text**

### **customCalculationExample**

Example: <http://calc->

[no.santanders.se/calc/?customCalculationExample=Example%20text%20here](http://calc-no.santanders.se/calc/?customCalculationExample=Example%20text%20here)

## SSL

SSL/https-based connection is available upon request. Please contact Kim Holm at [kim@smode.se](mailto:kim@smode.se).