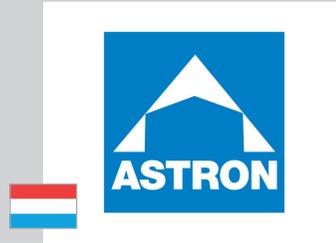


## Lindab Astron

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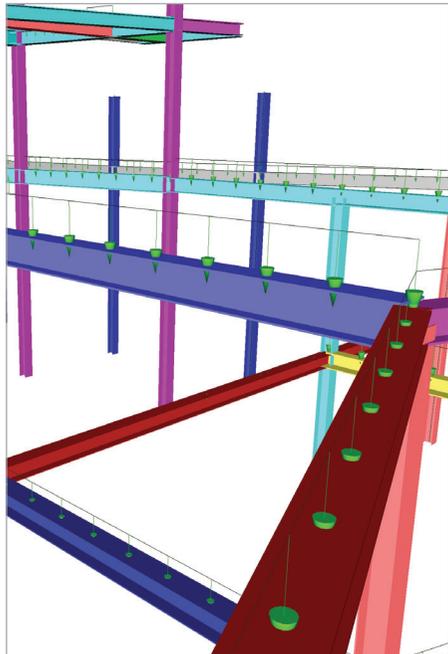


Astron, since 2005 a member of the LINDAB Group, is Europe's largest manufacturer of steel buildings with over four decades of experience in supplying more than 40 million m<sup>2</sup> of single and multi-storey buildings all over Europe.

Astron serves the needs of local and international companies planning to construct major new facilities in Western and Eastern Europe, such as manufacturing plants, logistics and distribution centres, trade and retail outlets, tailor made multi-storey buildings for offices, sales and storage, car parks and industrial buildings.

Extensive experience and capacity: Astron is staffed with more than 1.000 multilingual members. The company has worldwide experience of constructing large buildings ranging from 500 m<sup>2</sup> to more than 100.000 m<sup>2</sup>.

Astron has 12 sales, engineering and support offices in Luxembourg, France, Italy, Germany, Czech Republic, Poland, Russia, Hungary and Romania.



Software: Scia Engineer

## Strate College - International School of Design - Paris, France

"At Strate, we design objects for people and we would like to have a building for people"  
Mr Talopp, Chairman of Strate College

One of the most celebrated international schools of design, Strate College ([www.stratecollege.fr](http://www.stratecollege.fr)), decided to place its trust in the Astron MSB process for the construction of its new premises. This project was realized by company SRTP, managed by Antoine Puchulu, an Astron builder since 1998.

This project, previously conceived in concrete, was turned into a steel structure on the advice of the builder SRTP. Contracts were signed after a visit of the Astron factory in Luxembourg. The school directors were convinced by the technical competence and architectural advantages of Astron MSB as this process allowed respecting the budgetary constraints and shortened the construction period in a considerable way

The company SRTP got the authorization to start the construction of this 3.000 m<sup>2</sup> edifice in autumn. Mr Talopp, the school's chairman was impressed about the speed of the erection of the primary framing which could be completed over the winter. The choice of a steel structure and prefabricated hollow core concrete elements, allowed a minimal erection period, which was an important consideration for the respect of the lead time in spite of climatic conditions and the tightness of the site in the citycentre. The usage of integrated floor beams (Inodek-system) not only facilitated fire protection (by intumescent paint) but also allowed to leave the steel structure visible emphasizing the school's spirit: a rough industrial look.

### Guaranteed quality and speed - wherever it is built

Astron's presence throughout Western and Eastern Europe offers investors the benefits of working with one company for multiple construction projects in different countries.

### Key benefits of Astron Multi-Storey Buildings

#### Service

- One source supply: ASTRON designs and fabricates all the main components of the building: structure, roof system, wall systems, accessories and thermal

insulation. This "one source supply" approach reduces site coordination

- A complete "design-and-build" service plus turnkey project construction through 360 authorized Astron builders in Western and Eastern Europe

#### Architectural

- Imaginative and appealing architectural design reflecting the customer's image (Multitude of façade options)
- Flexibility of layouts and dimensioning to suit customer requirements
- Optimum use of space, with no or fewer interior columns allowing high flexibility for the actual and future inside layout

#### Economical

- Early completion compared to traditional construction due to efficient erection concept: Quick return on invest
- Research of a global economical and sustainable solution
- Low maintenance costs

#### Quality

- A long lasting quality product with ISO 9001:2000 quality certification
- The reliability of a long standing European group with a track record of over 30.000 buildings

40 years experience in single-storeyed building.  
15 years experience in multi-storeyed building.

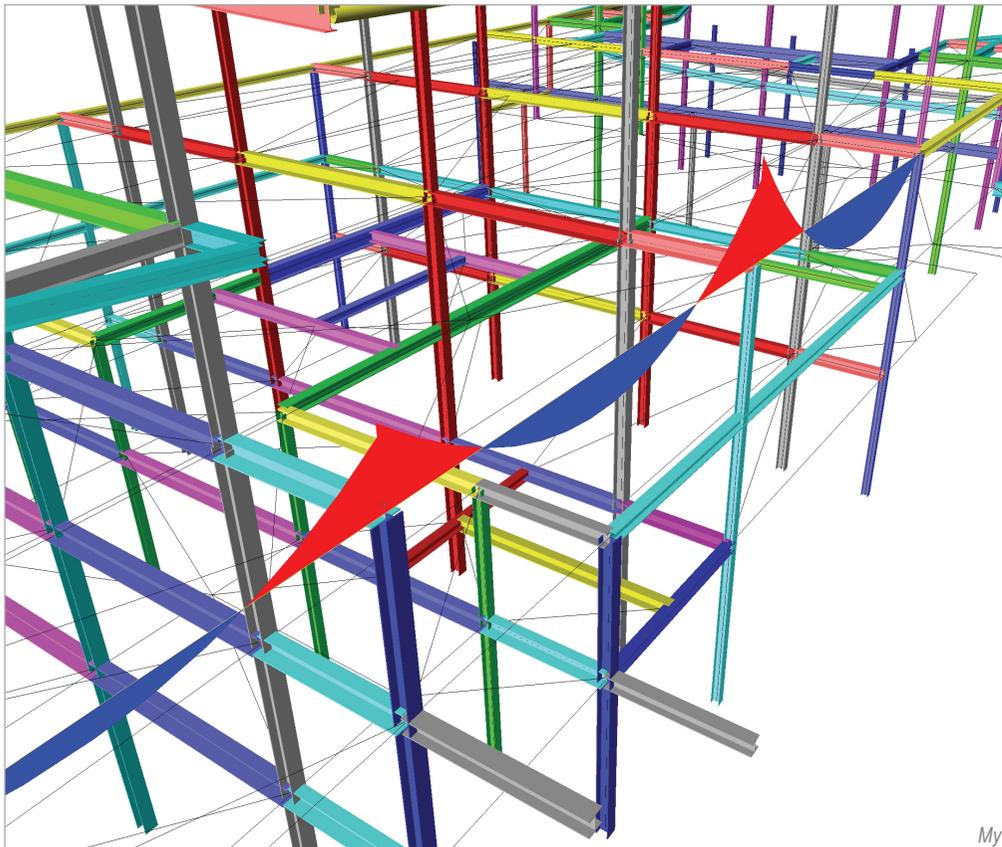
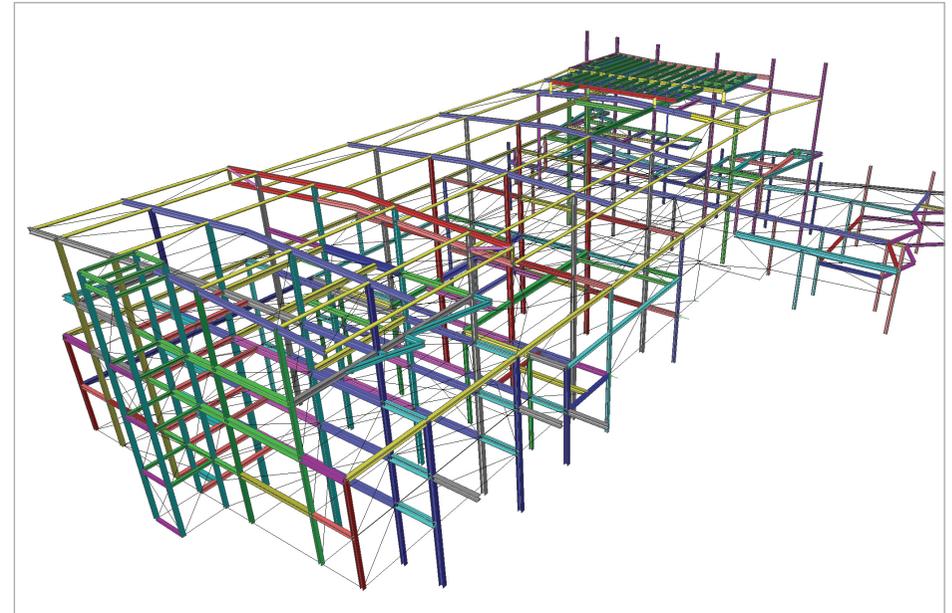
## Project information

Owner Strate College  
Architect Mr Bruno Pinget  
General Contractor S.R.T.P.  
Engineering Office Lindab Astron - MSB  
Construction Period From December 2007 to September 2009  
Location Paris, France



## Short project description

*The international School of Design (and the company "Digital Packaging") overlooks Paris and the Eiffel Tower from the top of its four levels. Six hundred persons, of whom four hundred are students, bring life to this assembly whose internationally recognized expertise is going to deliver the future designers. The choice of a steel structure and prefabricated hollow core concrete elements, allowed a minimal erection period, which was an important consideration for the respect of the lead time in spite of climatic conditions and the tightness of the site in the city-centre.*



My

