

# Extension of Cromodora Wheels Production Plant



Location

**Mošnov**

Investor

**CROMODORA WHEELS  
s.r.o.**

Construction period

**08/2013 – 09/2013**

Type of construction

**Industrial**

Scope of services

**Manufacture and  
assembly of precast  
concrete structure**

“ The structural frame features  
slender not-pretensioned T-section

[www.vces.cz](http://www.vces.cz)



Shared **innovation**

## roof trusses 34 m in length. ”

The project involves a single-storey multi-bay hall structure with total floor plan dimensions of 203 m by 300 m (including the extension); after the extension has been completed, it will serve as a production plant for automotive industry components. The extension is a three-bay hall structure divided into three sections, with four different bay heights and rectangular floor plans. The foundation system of the structural frame consists of large-diameter piles with bored heads. The skeletal frame is made of columns and roofing elements – trusses, purlins, bracing and gable beams with basic spans of 19 m by 6 m and 34 m by 6 m. Roofing stiffness is ensured by a steel truss stiffening system. The building envelope includes precast concrete sandwich ground beams. The skeletal frame feat...

### In numbers

8 886

m<sup>2</sup> of floor area