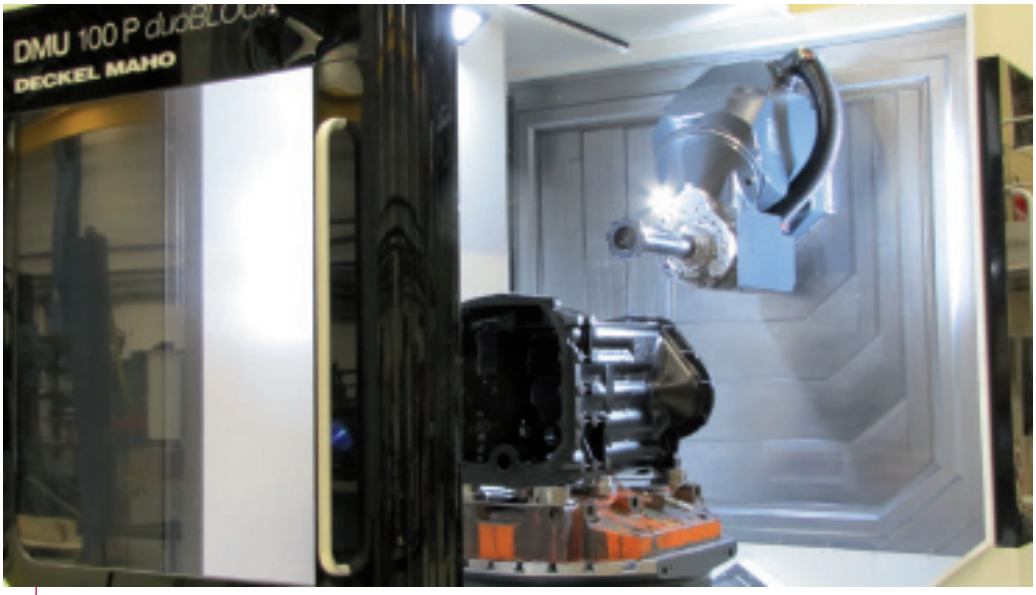
Agricultural machinery

YTO

# Preparing a technological breakthrough

YTO tractors are expected to roll out from the Saint-Dizier site's production lines within the next five years. In order to meet this challenge, the Chinese manufacturer aims to achieve a technological breakthrough by investing in the research and development of advanced production equipment.

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**OUR CUSTOMER**

**Corporate name**
YTO France

**Field of activity**
Manufacture of tractor transmission gear

**Turnover**
23 million euros

**Workforce**
188 employees

The acquisition of the Saint-Dizier production site (formerly owned by Argo) will allow the YTO Group to better meet the specific needs of its customers by facilitating commercial contacts and after-sales service. With a surface area of 20 hectares, including 56 000 m² of industrial facilities, the site is well suited for YTO objectives. In addition to pursuing the manufacture of transmission gear for McCormick tractors, YTO aims to achieve a major technological breakthrough within the next five years so as to develop a new range of tractors for the European market, based on the transmission gear produced on-site. The project has the potential to create 600 new jobs. To meet these objectives, YTO intends to equip the site with modern and competitive production equipment.

## Neutral and credible expert assessment

*"Our innovation-based approach calls for the consideration of all possible technical solutions"*, explains Luc Briard, Manager of On-Site Technical Services. *"That is why we have sought out a neutral and credible expert with a truly forward-looking perspective"*.
Cetim has been asked to conduct two studies. The first study aims to equip production facilities with new tools for the manufacture of transmission gear components. The second study concerns the manufacture of gearboxes and differentials. The objective is to cut cycle times in half so as to ensure improved manufacturing quality and optimal cutting tool service life.
Cetim's Senlis site is equipped with a DMG DMU-100P duoBLOCK 5-axis machining system that can be used to test large-component machining processes using various tools and under different operating conditions. The objective is to evaluate the technological feasibility and economic competitiveness of proposed solutions.
Based on the results of the study conducted, YTO France has decided to invest in the same equipment.

## Cetim's Asset

**Cetim has the necessary neutrality and hindsight to properly assess corporate innovation and development strategies. Its areas of expertise include research, development, industrialization and production equipment.**

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