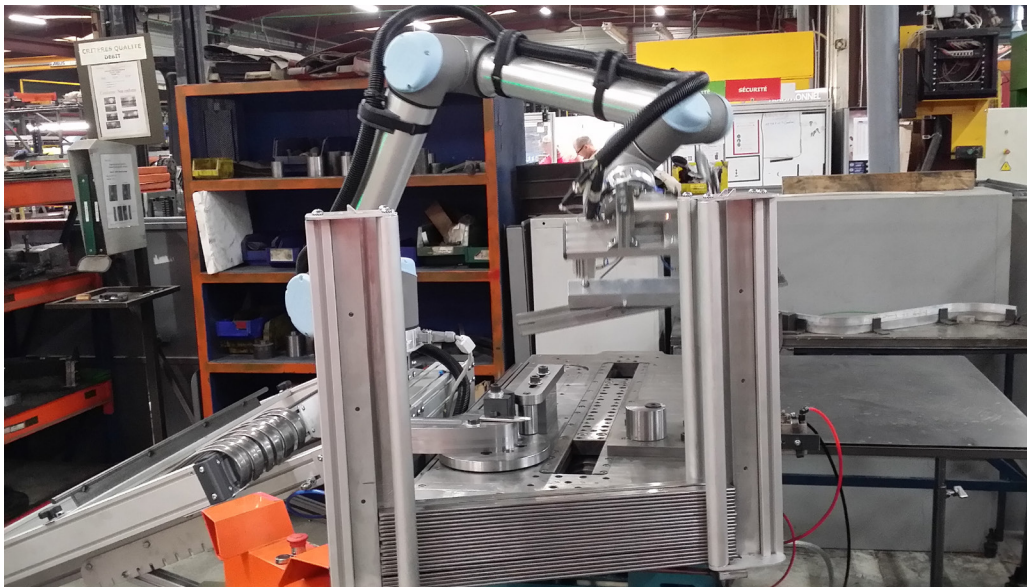


Fermob

Choose the right robot with **Arthur**

Fermob, an SME that manufactures metal garden furniture, was one of the first companies to use the Arthur tool, created by Cetim to assist SMEs in acquiring their first collaborative robot.



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OUR CUSTOMER

Corporate name
Fermob

Turnover
EUR 80 million in 2018

Workforce
260 permanent employees
90 temporary workers

Business activity
Fermob manufactures metal garden furniture. It is part of a group alongside two other companies: Vlaemyck, a sunshade manufacturer and Rodet, which is in the same line of business as Fermob. During the peak season (March to July), the company's sales are increased tenfold and it produces over 600 references.

Fermob is an expert manufacturer of metal furniture located in Thoissey, Ain (France). Since its inception the company has seen continued year-on-year growth. However, every spring it pays the same price for its success: a tenfold increase in sales between March and July and some hundred temporary workers that have to be hired and quickly trained in operating procedures that need to be scrupulously observed despite the boom in business. As a result, the managers of Fermob's parent company began actively monitoring technological developments, a process that culminated in 2018 during a meeting at Cetim where

Arthur, the tool created by Cetim, was unveiled.

A moveable robot

Arthur, short for "Analyse de Répartition des Tâches entre Humains et Robots" (Human-Robot task distribution analysis), is based on a chart to be completed depending on the company's specific business activity in order to determine whether robotization is ap-

propriate to its context and if so, in what form.

Fermob was amongst the first volunteers to experiment with this method. The company decided to install a moveable robot on one of its production lines in June 2019. Before this was done the project leader, Romain Gauthier and subsequently Gilles Mateo, head of Methods and Continuous Improvement, informed the employees of the project and explained the benefits of this solution. These include freeing up operators for other higher-added-value tasks, addressing seasonality and the associated recruitment issues.

With support from the integrator, Ideatech, Gilles Mateo is also being trained to become the collaborative robotics advisor within his company. With this knowledge in hand, especially in relation to safety, he will have a certain degree of independence when the time comes to move the robot to another production line.

Cetim's asset's



With Arthur, Cetim provides project assistance to companies from the diagnosis stage through to the installation of the robot. Through the training provided to a technical advisor, the company becomes fully self-sufficient.