



**ACADÉMIE  
DE NANTES**

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## **SESSION 2022**

**BACCALAURÉAT PROFESSIONNEL  
ÉPREUVE ORALE SPÉCIFIQUE « SECTION EUROPÉENNE »  
SPÉCIALITÉ – TECHNICIEN D'USINAGE  
LANGUE : ANGLAIS**

### **SUJET N° 3**

**Durée de l'épreuve : 40 minutes**

- Préparation	- 20 minutes
- Présentation de la situation	- 10 minutes
- Entretien sur les activités et travaux effectués dans la discipline non linguistique	- 10 minutes

## SITUATION :

You started working as a metal machining operator for Laystrom, a company based in Chicago, Illinois, USA.

Your supervisor wants to know if you have specific requests.

Explain to her why you need to have a manual milling machine in the workshop.



## DOCUMENTS :

- **DOCUMENT 1 : MANUAL MILLING SERVICES PLAY AN IMPORTANT ROLE IN MACHINING INDUSTRY**
- **DOCUMENT 2 : MANUAL KNEE MILL – KTMS-3S**

## DOCUMENT 1 : MANUAL MILLING SERVICES PLAY AN IMPORTANT ROLE IN MACHINING INDUSTRY

Posted on [June 11, 2021](#) by [sansmachining](#)

Although CNC milling has surpassed manual milling with better technology and wider applications, manual processing still occupies an important position in the field of machining.(...)

### The Benefits of manual milling:

**Lower Cost** : Manual milling machines are not as expensive as CNC milling machines, so it is easier to find companies that provide these services. No need to spend too much time programming modern machines or paying for the costs of using modern machines. (...)

**Fast Delivery** : For some projects, manual milling takes less time than CNC milling. If you need a single but complex part with many details, you can use manual processing.

**Tandem Work** : CNC and manual milling should not always be considered separately. CNC and manual milling machines work well together, especially when dealing with large orders with different requirements. (...) Experienced technicians and operators will decide which method best suits your project requirements.



**Source** : <https://www.sansmachining.com/manual-milling-service-play-an-important-role-in-machining-industry/>

KTM-3S



Source : <https://www.kentusa.com/machines/milling-machines/manual-knee-mills/ktm-3s/>