

# HAAS MILL SETUP

## 1. Program preparation

- Ensure drawing package and dimensioning meet senior design criteria
- Run simulation in MasterCAM and have code approved by a mentor
- Have drawings and a machining plan on hand for quick access



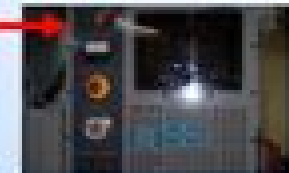
## 2. Maintenance

- Check coolant; make sure container is  $\frac{3}{4}$  full
- Clean chips from operating table and machinery
- Make sure tools are sharp and in operating condition



## 3. Startup

- Turn HAAS Mill on (green POWER ON button)
- Sign and date sheet on right side of control interface
- Perform warm-up if machine has not been run in 3 days  
LIST PROG => Spindle warm-up => Start=>  
Spindle Speed = 40%



## 4. Tool Preparation

- Setup tools in tool holders on cart
- Put tools in proper order on the HAAS carriage
- Place material securely in the jig
- Zero z-axis for each tool implementing feeler gauge
- Zero x- and y-axis to common corner on the material to be machined
- Refer to Section 2.9: Tool Changer Setup Procedure on page 18 in the Operator's Manual



## 5. Program Loading

- Upload the program  
LIST PROG => select program using CURSOR => SELECT PROG
- Perform a dry run

\*For troubleshooting  
see operators  
manual

# Haas Mill Quick Setup Guide

**Scott C. Dulebohn**



## **Haas Mill Quick Setup Guide:**

The Top Books of the Year Haas Mill Quick Setup Guide The year 2023 has witnessed a remarkable surge in literary brilliance, with numerous captivating novels enthralling the hearts of readers worldwide. Lets delve into the realm of popular books, exploring the captivating narratives that have captivated audiences this year. Haas Mill Quick Setup Guide : Colleen Hoover "It Ends with Us" This heartfelt tale of love, loss, and resilience has captivated readers with its raw and emotional exploration of domestic abuse. Hoover skillfully weaves a story of hope and healing, reminding us that even in the darkest of times, the human spirit can triumph. Haas Mill Quick Setup Guide : Taylor Jenkins Reids "The Seven Husbands of Evelyn Hugo" This captivating historical fiction novel unravels the life of Evelyn Hugo, a Hollywood icon who defies expectations and societal norms to pursue her dreams. Reids absorbing storytelling and compelling characters transport readers to a bygone era, immersing them in a world of glamour, ambition, and self-discovery. Haas Mill Quick Setup Guide : Delia Owens "Where the Crawdads Sing" This captivating coming-of-age story follows Kya Clark, a young woman who grows up alone in the marshes of North Carolina. Owens weaves a tale of resilience, survival, and the transformative power of nature, captivating readers with its evocative prose and mesmerizing setting. These popular novels represent just a fraction of the literary treasures that have emerged in 2023. Whether you seek tales of romance, adventure, or personal growth, the world of literature offers an abundance of compelling stories waiting to be discovered. The novel begins with Richard Papen, a bright but troubled young man, arriving at Hampden College. Richard is immediately drawn to the group of students who call themselves the Classics Club. The club is led by Henry Winter, a brilliant and charismatic young man. Henry is obsessed with Greek mythology and philosophy, and he quickly draws Richard into his world. The other members of the Classics Club are equally as fascinating. Bunny Corcoran is a wealthy and spoiled young man who is always looking for a good time. Charles Tavis is a quiet and reserved young man who is deeply in love with Henry. Camilla Macaulay is a beautiful and intelligent young woman who is drawn to the power and danger of the Classics Club. The students are all deeply in love with Morrow, and they are willing to do anything to please him. Morrow is a complex and mysterious figure, and he seems to be manipulating the students for his own purposes. As the students become more involved with Morrow, they begin to commit increasingly dangerous acts. The Secret History is a masterful and suspenseful novel that will keep you guessing until the very end. The novel is a warning tale about the dangers of obsession and the power of evil.

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