

# SINGLE ITEM, ONE OFF, PROTOTYPE PRODUCTION

A SPECIALIST PRODUCT IS DESIGNED AND MANUFACTURED, AS A ONE OFF, QUALITY PRODUCT

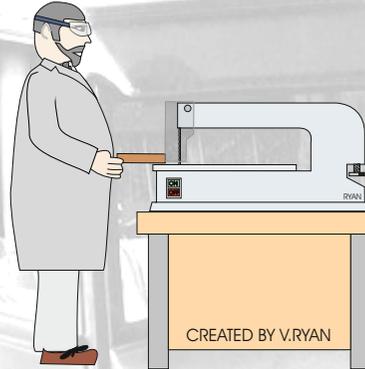
## SAMPLE PRODUCTS

PROTOTYPES  
SPECIALIST  
MODELS  
HANDMADE  
ITEMS  
SPECIALIST  
ENGINEERING  
ONE OFFS

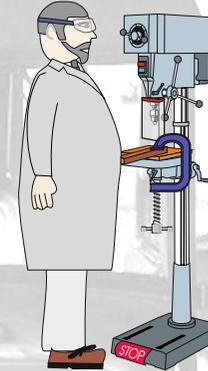
1. CLIENT DESCRIBES THE GUITAR HE/SHE WANTS



2. MATERIALS ARE CUT TO SIZE AND BASIC SHAPE BY HAND



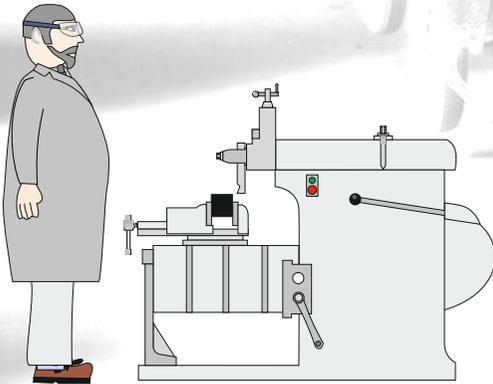
3. MACHINING OF SOME PARTS



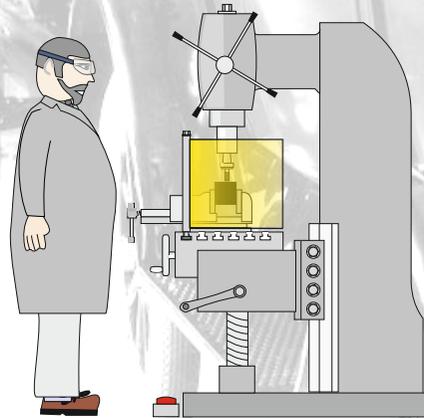
4. MORE SKILLED CRAFT WORK



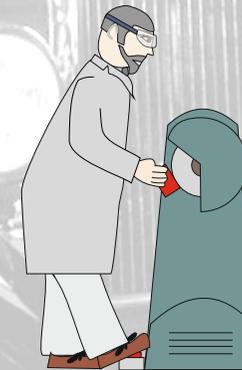
5. BRASS AND OTHER EXPENSIVE METALS ARE SKILFULLY MACHINED



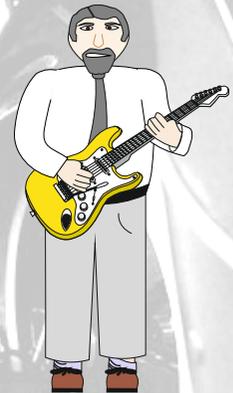
6. FURTHER PRECISION ENGINEERING



7. QUALITY HAND FINISH APPLIED TO ALL THE PARTS



8. PRODUCT TESTED AND PASSED TO CLIENT



WORLD ASSOCIATION OF TECHNOLOGY TEACHERS

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## CHARACTERISTICS

1. A highly specialised company. 2. Small highly skilled workforce, possibly one or two workers, sometimes more. 3. Constant communication with the client, constant discussion regarding the design. 4. Company specialises in particular areas such as engineering or musical instruments etc... 5. Specialist materials are often required eg. specialist woods or modelling materials 6. The final product is expensive due to the level of skill needed to manufacture the product and the cost of specialist materials and equipment. 7. A high standard of quality control 8. Products are manufactured for a specialist market / clientele eg. musicians, medical profession, aerospace.