

STC250S

Semi Automatic Chamfering Machine



Manufactured in the UK by J&S Engineering

STC250S

Semi Automatic Chamfering Machine

The semi automatic chamfering machine has been designed and developed as a medium volume, compact and portable production machine, ideal for chamfering and ending produced parts at high speed.

The STC250S delivers the high-speed ability to chamfer, over turn and chamfer and stud rod chamfer in a cycle time as low as 20 seconds per operation.

For precision accuracy and concentric clamping, the machine has an automatically driven 3-jaw chuck.

Any special application for this machine can be catered for with the provision of bespoke tooling.

The STC250S can deliver changeover times between part sizes as low as 10 seconds. The machine can also achieve 1500 rpm with 4kw of power directly driven to the cutting head.

The machine itself has been designed with the operator in mind with easy access to all tooling and settable parts for quick changeover and ease of operation.

A fast & reliable adjustable high pressure hydraulic clamping system, ensures precise gripping on all parts and material types including plastic.

The main structure comprises of 2 inch thick steel plate upon which all the main mechanical components are mounted, giving the machine rigidity and a high level of accuracy.

This space saving machine has a footprint of only 600mm x 1000mm x 1200mm and weighs 500 kg.

Due to the substantial weight of the machine it doesn't need to be bolted down, meaning it can be moved around the factory on a pallet truck with ease.



1500 RPM
SPINDLE
SPEED



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Standard features

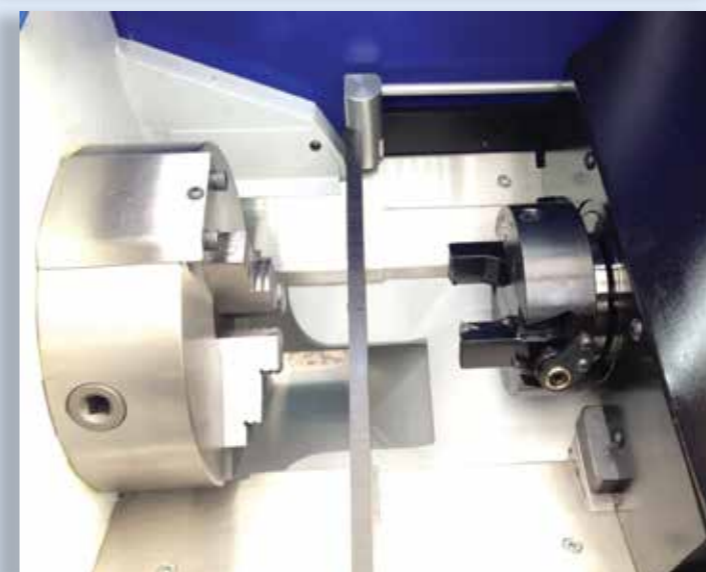
- Automatic stop for repeatable chamfer length and safety
- 1500 rpm spindle speed
- Automatic material sensing device for chuck closing
- STC250S with 80mm capacity
- Adjustable high pressure hydraulic clamping system
- Quick change standard iso cutting inserts
- 4kw motor
- Powerful mitsubishi spindle inverter
- Heavy duty rack and pinion
- Long life belt drive
- High quality timken taper bearings
- Large accessible machine door
- Internal high power led work light
- Swarf chute with external easily detachable swarf bin
- Pallet truck lifting points
- Weight 500kg
- Adjustable bar stand
- Stainless steel slideway covers

Options

- MQI coolant system
- Machine beacon with wi-fi monitoring for machine usage
- Quick change spindle tooling interface for bespoke tooling
- High speed spindle set 3000rpm
- Adjustable feed stop

Tooling options

- Spot face and chamfer
- Face chamfer center drill
- Overturn and chamfer
- U-drill and chamfer
- High accuracy over turn and chamfer
- Internal and external chamfering with facing for all types of tube



All achievable on the
STC250S



SMALL
COMPACT
FOOTPRINT





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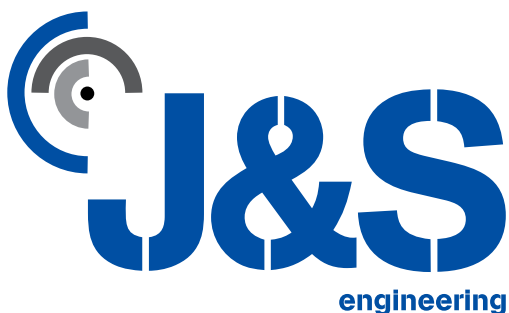
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