

# One-Stop Automated Manufacturing

# CoboTend

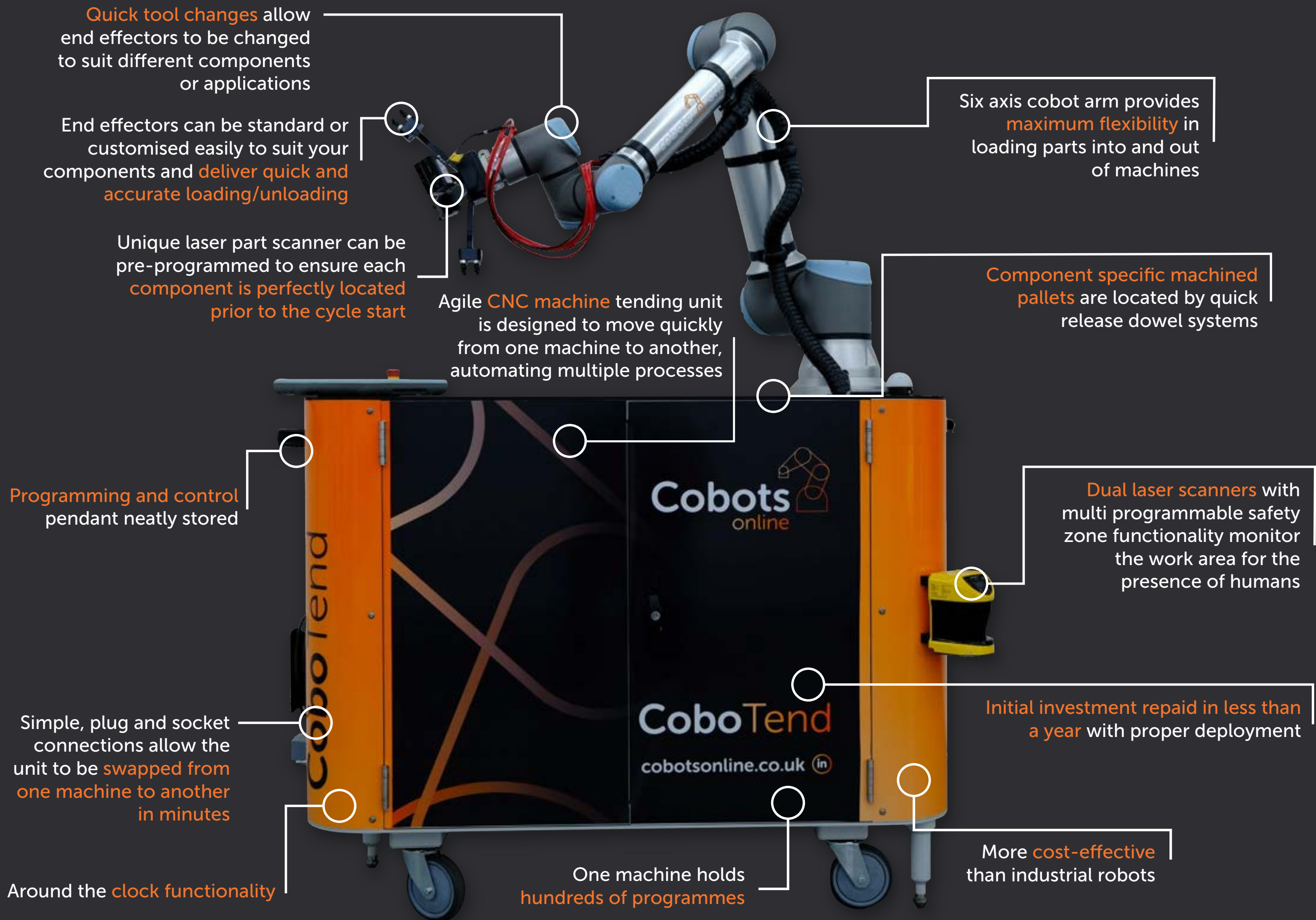
by **Cobots Online**

CobotsOnline delivers an automated manufacturing solution that makes repetitive tasks a thing of the past. We understand the challenges and opportunities facing small and medium-sized organisations from our own experiences as a family-owned manufacturing company.

Developed with low volume/high mix manufacturers in mind, CoboTend is an easy to programme and simple to customise mobile cobot unit. The self-contained unit incorporates many unique design features enabling the user to lift and relocate where and when required.







Quick tool changes allow end effectors to be changed to suit different components or applications

End effectors can be standard or customised easily to suit your components and deliver quick and accurate loading/unloading

Unique laser part scanner can be pre-programmed to ensure each component is perfectly located prior to the cycle start

Agile CNC machine tending unit is designed to move quickly from one machine to another, automating multiple processes

Six axis cobot arm provides maximum flexibility in loading parts into and out of machines

Component specific machined pallets are located by quick release dowel systems

Programming and control pendant neatly stored

Dual laser scanners with multi programmable safety zone functionality monitor the work area for the presence of humans

Simple, plug and socket connections allow the unit to be swapped from one machine to another in minutes

Initial investment repaid in less than a year with proper deployment

Around the clock functionality

One machine holds hundreds of programmes

More cost-effective than industrial robots



### Key features:

- Self-contained mobile unit
- Quickly move from one machine or process to another
- Plug & play
- Reduces operator fatigue and injury
- Quick change tool mount

With a single button press to remove and relocate different end effectors or grippers. Measure downtime between other jobs in single minutes and not hours.

Reduces operator fatigue and injury.

8% of manufacturing workplace accidents occur due to repetitive motions, and 24% are due to overexertion. CoboTend automates these activities and reduces workplace injuries.

### Our collaborators:



UNIVERSAL ROBOTS

KEYENCE



SCHUNK



### Crash Protection

Intelligent sensor technology checks every component for size and placement before initiating machine cycle start. Any incorrect elements are removed and replaced, eliminating costly machine tool collisions, spindle damage, machine downtime and expensive repairs.





## Contact Us



Cobots Online  
Grindon Way,  
Heighington Lane  
Business Park,  
Newton Aycliffe,  
Co. Durham, DL5 6SH



+44 (0) 1325 313377



[sales@cobotsonline.co.uk](mailto:sales@cobotsonline.co.uk)



[www.cobotsonline.co.uk](http://www.cobotsonline.co.uk)

**Cobots**  
online

**CoboTend**  
[cobotsonline.co.uk](http://cobotsonline.co.uk) 