



SEE US IN ACTION

See both versions of the ingenious Wogaard Coolant Saver at Southern Manufacturing & Electronics 2015 - the UK's Largest regional manufacturing technology, electronics and subcontracting exhibition.

A working demonstration unit will be set up on **STAND U121** so you can see just how the simplistic design and execution of the Coolant Saver can benefit any manufacturing company operating a machine shop.

REQUEST A BROCHURE

Our new brochure is ready, if you want to receive a copy just email us or call the number below. We look forward to helping your business make significant savings.



Reduce
Reuse
Recycle

MONEY-BACK GUARANTEE

Our promise: If you buy the Wogaard Coolant Saver you automatically get a 30 day money-back guarantee.



The No1 coolant saving device

- ◆ Up to 50% coolant saving - reduced topping up
- ◆ Reduction in disposal costs
- ◆ No manual intervention to empty coolant in swarf bin as it is done automatically when machine is active
- ◆ Manpower reduction - only swarf will require emptying from bin
- ◆ Swarf value - improved price for swarf without coolant
- ◆ Environment friendly - not only recycling coolant but NO external power required or outside coolant leaks
- ◆ Improved housekeeping with no coolant collecting outside the machine or leaking on the floor

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Coolant Saver recovers neat oil

Manx Engineers was established in 1945 as a family-owned precision engineering company. Since a management buy-out in 2009, the company has operated from a fully refurbished 850 m² facility in Ramsey, on the Isle of Man.



The company continues to build on its enviable reputation for excellent service that ensures its customers are provided with the lowest cost engineering solutions for their subcontract machining and assembly requirements.

An enthusiastic team of 22 highly skilled staff use the latest CNC machine tools run on a double-day shift support customers in a variety of precision manufacturing industries, including aerospace, medical, subsea, fluid power, dental, low volume automotive, telecommunications and piezo-technic.

The new directors remain focused on the smaller high precision milled and mill-turned components that the company has become acknowledged for supplying, as customers know they can rely on the business's core competences for these parts. To support this, since the buy-out the directors have invested in three new machine tools with a new Citizen A32, a two Mazak mill-turn machines purchased and installed.

Wogaard's newly developed neat oil Coolant Saver is fitted to the Citizen A32 that, like many sliding head lathes, uses an expensive low viscosity oil to cool the component and the cutting tools during machining. Installed by the company's maintenance staff the unit has been operating for a few months.

Primarily designed and successfully applied to the reclaiming of water miscible (soluble oil) coolant from machine tools with swarf conveyors, the Coolant Saver has since been developed for the recovery of neat oil. Neat coolant oil is an expensive necessity; recovering as much as possible from the swarf it makes good business sense and has positive implications for the environment as well.

Company Director, Bob Ringham, explains: "As a subcontract engineering shop we machine to customers' specifications and the materials cut range from the easy machining brass and copper through to exotics such as Inconel and titanium. Swarf is always segregated, making the extraction of the neat oil coolant even more critical as the number of swarf bins with, say, half a litre of waste coolant would soon become overwhelming.

"Added up over a week it is a significant amount of coolant and all the staff have commented on the reduction in the number of sump top-ups required. We would add oil to the machine around three times per week, and now we have reduced this to once per week. So, the handling of the oil is reduced along with the chances of spilling it in transit or while trying to pour it into the machine's tank. All of which improves our housekeeping."



Savings add up

The ingenious Wogaard Coolant Saver's simplistic design and execution belies the potential benefits it can provide to manufacturing companies that operate a machine shop.

[See the video here...](#)

www.wogaard.com