



WHERE TO SEE US

Come and see the Coolant Saver in action at the Aero Engineering Show. Held at the NEC, Birmingham on the 4th and 5th November, we will be exhibiting on **Stand B87a**.



NEAT SOLUTIONS

Our Coolant Saver has now been developed for the recovery of the expensive low viscosity neat oils, typically used for cooling and lubricating turned components produced on Swiss-style sliding head lathes, as well as for gear hobbers, broaching and honing machines.



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.

WOGAARD Coolant Saver

- Save up to 50% on cutting fluid
- Save up to 90% on fluid waste costs
- Save time and money on fluid handling

**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

CONTACT US:

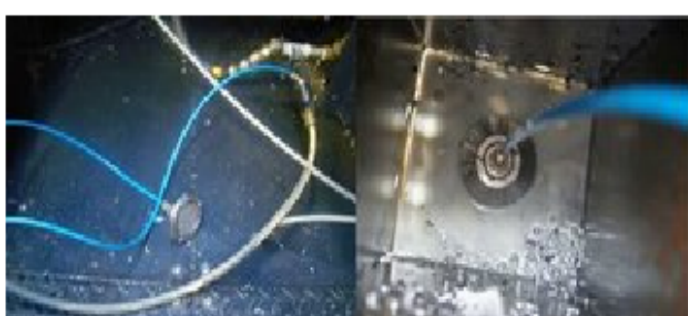
EMAIL: jh@wogaard.com

CALL: '07557 107892'



Strategic benefits

As part of a strategic plan to improve its operations, T&R Precision Engineering has installed Coolant Saver units on a number of its key machine tools. Here, the units provide a cost-effective and environmentally friendly solution to recovering coolant lost during swarf evacuation.



T&R Precision Engineering is a privately-owned precision machining company providing finished components, kits of parts and sub-assemblies to the civil and defence aerospace industries. Located in Colne, Lancashire, the company has many accredited quality approvals.

The shopfloor is equipped with advanced CNC machine tools, and recent expansion and investment has seen the installation of six of the latest Mazak machine tools, ranging from 5-axis 730 Variaxis simultaneous machining centres to 9-axis 'done-in-one' Integrex machines.

Currently ten cutting machines are fitted with the Wogaard Coolant Savers and installation is very straightforward as the units are supplied with all of the required connection components and a comprehensive installation guide. T&R's maintenance engineer fitted each unit in less than 30 minutes. Operation is very simple, once the unit is located in the swarf bin the inline tap is turned on to generate the vacuum and the coolant is sucked back into the machine's sump.

Estimated spend on coolant will be less than £1,000 per year per machine with the Wogaard Coolant Saver fitted. Prior to this it was around £1,300 per machine.



Fit and save

At Portchester Engineering the Coolant Saver has improved housekeeping, reduced waste costs and simplified swarf disposal. Not bad for a unit that costs just a few hundred Pounds and takes minutes to install.



Portchester Engineering has changed significantly since Sam Morrison took over the reins as managing director in 2002. With the support of company director, Ben Creese, she has systematically replaced all of the company's conventional machine tools with high precision CNC machine tools from Mazak.

With four Mazak CNC machine tools installed, packed to the gunnels is a nautical term that suits the company, with every piece of productive space occupied. When the machines are running the swarf conveyors are also operating. This created a problem for the precision engineering company as the swarf bins would fill with coolant dragged out with the chips that would subsequently leak out onto the shopfloor.

The solution came with the introduction of the Coolant Saver to the company. "Initially, we purchased one unit to evaluate it, the results were very good and now they are fitted to all of our machine tools," recalls Sam Morrison.

She points out the financial benefits: "Emptying a barrel of waste coolant costs around £500, and the neat coolant costs nearly £800 a barrel. We only use good quality coolant as the customer expects quality components and the fluid used makes a big difference. It is worth paying the extra as it also benefits the operators in terms of health & safety and improved working conditions.

"The Coolant Savers have slowed our consumption and disposal of oil considerably, to the extent that the units have paid for themselves over and over again."

www.wogaard.com