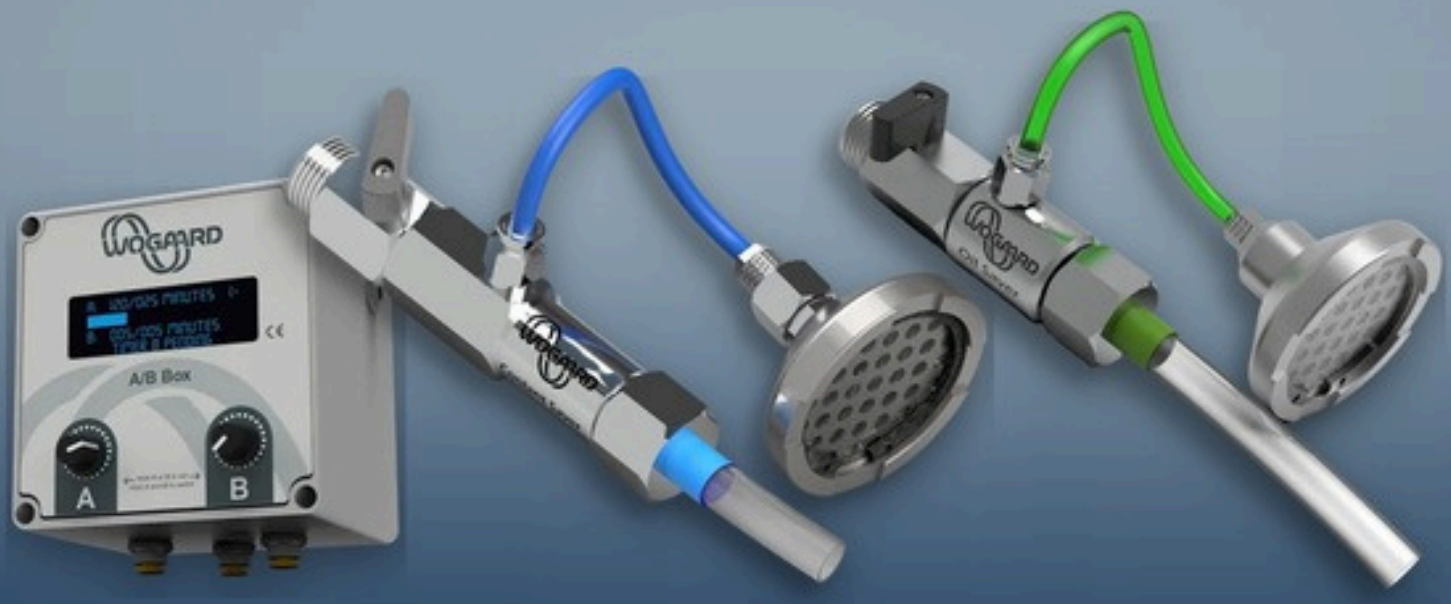
TOTAL FILTRATION USA



CNC COOLANT AND OIL RECOVERY

For CNC shops and manufacturers across the US.

Wogaard Coolant Saver

Wogaard Oil Saver

A/B Box and accessories

PRODUCT BROCHURE | VERSION 3.0

total-filtration.com

BUILT AROUND US MANUFACTURING

Total Filtration USA LLC supplies CNC coolant and oil recovery equipment to manufacturers across the US. We are the authorized US distributor for Wogaard of Denmark. Our founding team brings over 40 years of manufacturing and engineering experience.

Wogaard customers include Renishaw, Seco Tools, Mettis Aerospace and Progressive Technology.

ONE PARTNER FOR THE LIFE OF THE SYSTEM

One US point of contact from the first conversation through installation, parts and consumables. We only distribute proven products from specialist manufacturers.

WHAT YOU GET FROM TFUSA

US BASED

A US company with sales and support here in the US, and Wogaard stock held in Florida.

BUILT FOR MACHINE SHOPS

Products picked for CNC machining and metalworking fluids.

LOWER RUNNING COSTS

Coolant and oil you recover from the chip bin, instead of buying new.

HELP WHEN YOU NEED IT

We help you choose, size and install the right unit, then supply the parts after.

Up to 50%

Less coolant bought

Recovered fluid goes back to the machine sump, not out with the chips.

Up to 90%

Less fluid to dispose of

Drier chip bins mean less waste to haul away.

5 months

Typical payback

Payback is typically around 5 months, depending on the shop.

Figures are the manufacturers' published maximums. Results vary by machine, fluid and process.

HOW COOLANT RECOVERY WORKS

The unit runs from the machine's coolant pump. There is no separate pump, no electrical hookup and no compressed air.

1

WET CHIPS

The machine makes chips that are wet with coolant or oil.

2

INTO THE BIN

The chip conveyor drops the chips in the bin, and the fluid goes with them.

3

RECOVER

A vacuum cup in the bin draws pooled fluid through a filter.

4

RETURN

A venturi, driven by the machine's coolant pump, sends the fluid back to the sump.

No power
Runs from the coolant pump

30 to 45 min
Typical install time

1 year
Manufacturer warranty

HOW THE VENTURI RUNS

It uses pressure from the machine's coolant pump to create suction at the vacuum cup. It only runs while the machine runs.

TYPICAL APPLICATIONS

CNC turning and milling
Swiss-type lathes
Machines with chip conveyors
Shops running soluble coolant
Shops running neat oil
Multi-machine cells

ESTIMATE YOUR SAVINGS

The calculator on our site uses your gallons per day, operating days, machine count and an 85% recovery rate. Results vary by machine and shop. Run your own numbers at total-filtration.com/cnc-coolant-saver-calc.

COOLANT SAVER

For soluble coolant on machines with chip conveyors. It also handles neat oil up to 12 cSt on Swiss-type lathes with low-rated pumps.



WHERE IT FITS

- Soluble coolant on conveyor-fed CNC machines
- Neat oil up to 12 cSt on Swiss-type lathes with low-rated pumps

WHAT'S IN THE KIT

- Coolant Saver unit
- Filtered vacuum cup with about 10 ft (3 m) of 1/4 in (6 mm) PU hose, extendable to about 33 ft (10 m)
- About 5 ft (1.5 m) of 1/2 in (12 mm) outlet hose
- 1/2 in and 3/4 in NPT tee and straight fittings
- Step-by-step install guide and technical support

PART NO. 144-1000

US kit, supplied with NPT fittings.

SPECIFICATIONS

Operating pressure	3 to 650 psi (0.2 to 45 bar)
Suction	-7 to -12 psi (-0.5 to -0.8 bar), valve controlled
Collection rate	About 0.26 gal/min (1 L/min)
Vacuum cup distance	Up to about 33 ft (10 m) from the unit

OIL SAVER

For neat oil on Swiss-type lathes with low-pressure pumps. Recommended viscosity up to 22 cSt. Between 23 and 32 cSt, it depends on the pump pressure on the Swiss-type lathe.



WHERE IT FITS

- Neat oil on Swiss-type lathes with low-pressure pumps
- Recommended viscosity up to 22 cSt
- 23 to 32 cSt depends on pump pressure

WHAT'S IN THE KIT

- Oil Saver unit
- Filtered vacuum cup with check valve and about 10 ft (3 m) of 1/4 in (6 mm) PU hose, extendable to about 16 ft (5 m)
- About 3.3 ft (1 m) of 1/2 in (12 mm) outlet hose
- 1 in NPT tee and straight fittings for the larger hoses on Swiss-type lathes
- Step-by-step install guide and technical support

PART NO. 145-1000

US kit, supplied with NPT fittings.

SPECIFICATIONS

Operating pressure	Low-pressure pumps up to 145 psi (10 bar)
Suction	-1.5 psi (-0.1 bar), valve controlled
Collection rate	About 0.066 gal/min (0.25 L/min)
Vacuum cup distance	Up to about 16 ft (5 m) from the unit

A/B BOX AND ACCESSORIES

Expand one unit to serve two machines, and add the parts that make bin changes safer.



WOGAARD A/B BOX

Connect two vacuum cups to a single Coolant Saver or Oil Saver. One unit serves two machines running the same fluid.

ACCESSORIES

Safety bracket	Safer handling during bin changes
Cup protector	Protects the cup from pulls
Extra fittings	For non-standard layouts

SUPPORT AND SELECTION

We help you choose the right unit for the machine, the fluid and the way you empty the chip bin.

1. **ASSESS**
   We look at the machine, the fluid, the pump pressure and the chip bin layout.
2. **SIZE**
   We confirm whether you need a Coolant Saver or an Oil Saver, and whether an A/B Box fits.
3. **INSTALL**
   For larger shops our team can fit about 8 machines per shift.
4. **MAINTAIN**
   Replacement vacuum cups, hoses, seals and accessories for the life of the unit.

US-BASED TECHNICAL SUPPORT | PARTS AND CONSUMABLES | SERVICE GUIDANCE

TALK TO US ABOUT YOUR SHOP

Tell us about the machines, the process and the fluid you run. We'll recommend the right unit and send you a quote.

TOTAL FILTRATION USA LLC

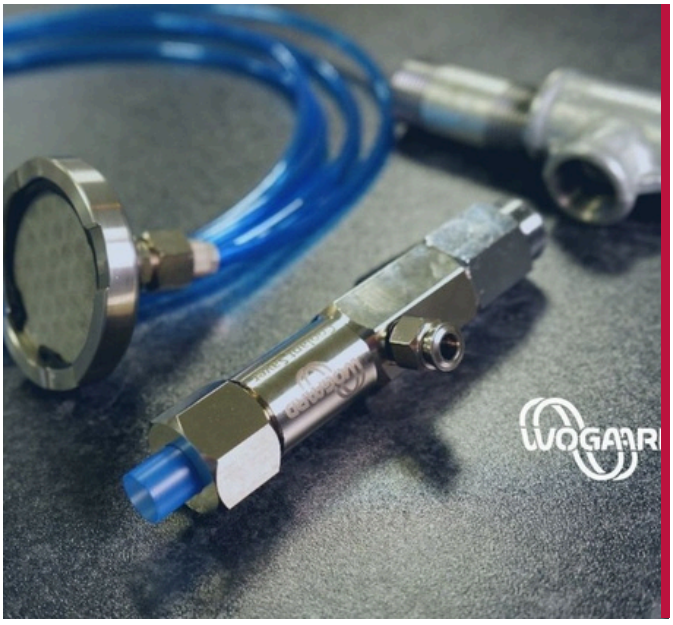
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BUY WOGAARD UNITS ONLINE

total-filtration.com/shop

BECOME A DEALER

total-filtration.com/partners



WHY BUY FROM TFUSA

- Authorized US distributor for Wogaard
- Wogaard stock held in Florida
- Ships in 3 to 5 business days
- Secure online checkout
- Replies within one business day



CNC coolant and oil recovery for US manufacturers.

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