

C-Thru[®] Separator

Tramp oil separation unit

By NexJen Technologies Limited

Description

The C-Thru Separator is a unique, patented unit, designed to remove free and dispersed tramp oil from metal working and parts washing fluids.

Tramp oil is unwanted oil that has entered into the fluid system. This can consist of hydraulic and lubrication oils from the machine itself or cutting fluids and rust inhibitors that have been carried over on the part from previous processes.

Tramp oil can cause:

- Poor machining performance and frequent machine adjustment
- Fuming (smoke) from the cutting process
- Dirty and oily components from washing machines
- Increased use of filtration media through blinding
- Increased incidents of bacteria related problems, odors, and health and safety concerns

...resulting in premature disposal of fluid.

It is believed that tramp oil represents a minimum of 30% of the total cost of the maintenance of water based metal working fluids.

Benefits

- Extended fluid service life
- Simple and quick installation using magnetic mounting
- No consumables
- Reduced waste disposal
- Compact and portable
- No obstructions on or around machine floor area
- Easy to clean



C-Thru Separator

Transparent Tramp oil separation unit

Features

The C-Thru Separator is compact and portable, and installation is made simple by positioning directly on the side of the machine using the magnetic mount provided.

A floating suction draws from the surface of the fluid maximising tramp oil removal (Figure 1). The tramp oil is separated and remains in the C-Thru separator tank, (Figure 2) where it can then be drained off by opening a tap (Figure 3).



Figure 1

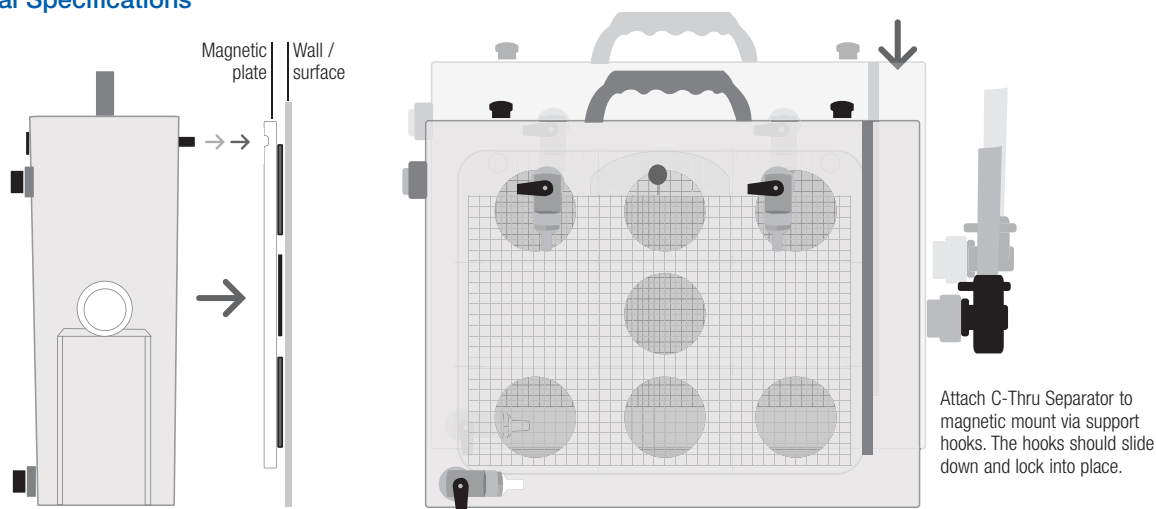


Figure 2



Figure 3

Technical Specifications



Attach C-Thru Separator to magnetic mount via support hooks. The hooks should slide down and lock into place.

Specifications

Dimensions:	Length = 478 mm (18.8") Height = 363 mm (14.3") Width = 119 mm (4.7")
Operating Volume:	10 litres (2.64 US gallons)
Material:	Engineered thermoplastic resin
Type of Pump:	Submersible electric or air double diaphragm pump

Required access to place float in reservoir: Ø 225 mm (8.86")



NJT1600

C-THRU Separator Package options

Electric Pump:

NJT1500 C-Thru separator, 115V 60Hz Pump, Float, Magnetic mounting and hoses.

NJT1550 C-Thru separator, 230V 50Hz Pump, Float, Magnetic mounting and hoses.

Maximum Fluid Temperature: 38 °C (100 °F)

Air Pump:

NJT1600 C-Thru separator, Air Powered Pump, 10" filter, Float, Magnetic Mountings and hoses.

Maximum Fluid Temperature: 49 °C (120 °F)



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