CNC OS

CNC Oil Skimmer

Tramp Oil Removal & Coolant Circulation

CNC OS

New conceptual Oil Skimmer, CNC OS
for efficient management of coolant

Variable speed control giving fast and efficient operation
Can be used on multiple machines (Movable Stand type & Fixed type)

Model : S240R

Model : F450

Remote control

Adapter & Power cable

Scraper

Oil guide – Slide type (Angle adjustment)

Belt

Lever (Height adjustment)

Temperature sensor

CE KC

Power source
Input : AC 100-240V, 50/60Hz
Output : DC 3-19V (Dial control type)
DC 7-19V (Remote control type)

Optional Accessory

Oil guide – Hose type

Coolant / Tramp Oil Separator

CNC OS

CNC Oil Skimmer, minimal care equipment for cooalnt
Extended coolant life and minimise contamination

Coolant management upgrade for CNC machines with the CNC Oil Skimmer
Experience more efficient operation, healthier environment and cost saving through Remote Control

REMOTE CONTROL

Display

Monitoring the cutting fluid temperature in real time.
• ℃ : Celsius, ℉ : Fahrenheit
Displaying the status of set-up.

Speed

Speed Control in 4 steps

Morning Clean (Hotkey)

Press the button at the end of the day.
You should find cleaner coolant
the following morning.

Run time

Run and Delay repeat operation in 5 modes

• Run 10min. ↔ Delay 50min.
• Run 20min. ↔ Delay 40min.
• Run 30min. ↔ Delay 30min.
• Run 40min. ↔ Delay 20min.
• Run 50min. ↔ Delay 10min.

Timer

• 6h : Power off after 6 hours of operation
• 12h : Power off after 12 hours of operation
• ∞ : Continuous operation

Power ON/OFF

Easy Installation

No bolts or brackets required to secure it, just place directly into the coolant tank.

Efficient Operation

Simple and very effective control through the remote control for minimal operator intervention.

Powerful Performance

Quickly drags tramp oil from far away and cutting fluid circulation
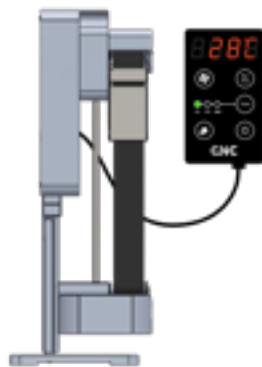
S240/240R

Stand type | Fixed type

S240

Overall height
360~480mm
14.17~18.89inch

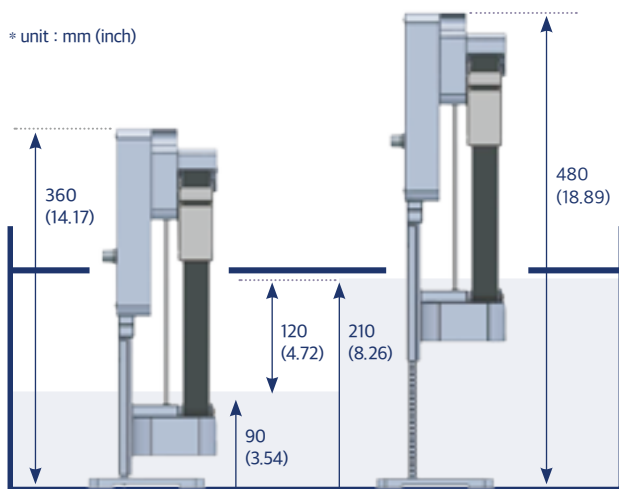**Distance between centers**
240mm
9.44inch

S240R

Change in coolant level
90~210mm (from the bottom of the tank)
3.54~8.26inch

Stroke / Skimming stroke
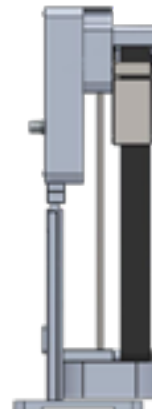0~120mm / 0~120mm
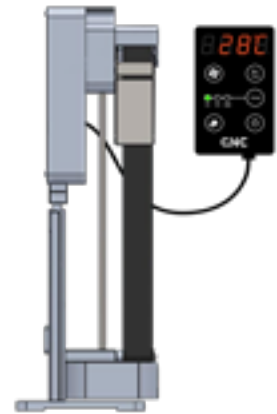0~4.72inch / 0~4.72inch

* unit : mm (inch)

360 (14.17)

120 (4.72) 210 (8.26)

90 (3.54)

480 (18.89)

S330/330R

Stand type | Fixed type

S330

Overall height
430~580mm
16.93~22.83inch

Distance between centers
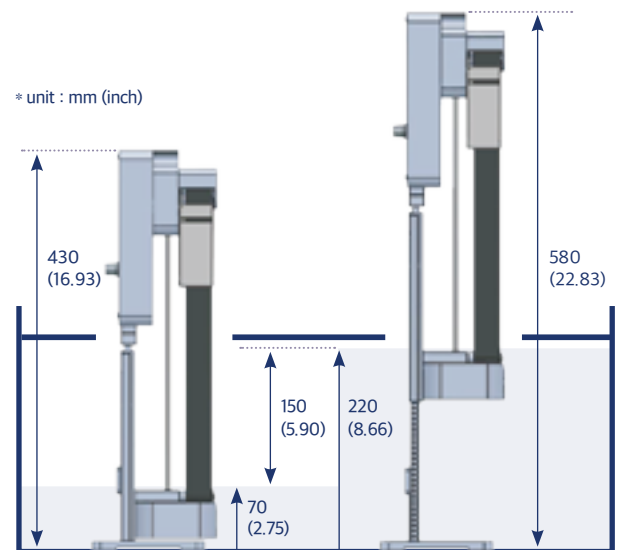330mm
12.99inch

S330R

Change in coolant level
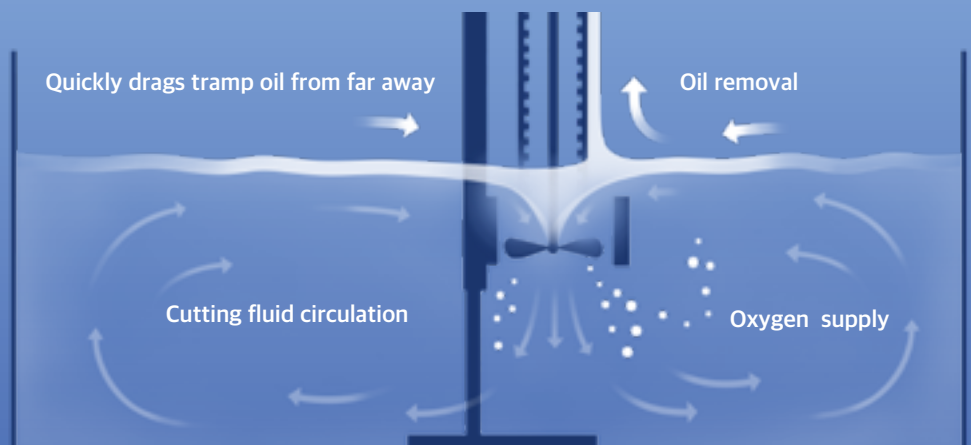70~220mm (from the bottom of the tank)
2.75~8.66inch

Stroke / Skimming stroke
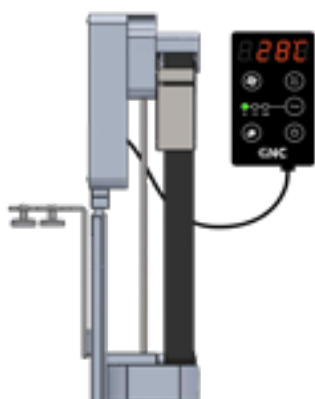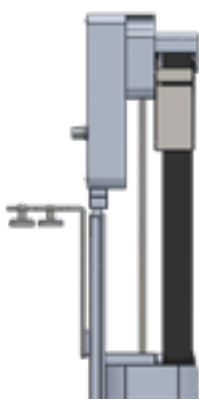0~150mm / 0~150mm
0~5.90inch / 0~5.90inch

* unit : mm (inch)

430 (16.93)

150 (5.90) 220 (8.66)

70 (2.75)

580 (22.83)

PRODUCT MECHANISM

Quickly drags tramp oil from far away

Oil removal

Cutting fluid circulation

Oxygen supply

F330/330R

Stand type | **Fixed type**

F330

Overall height
420~570mm
16.53~22.44inch

Distance between centers
330mm
12.99inch

F330R
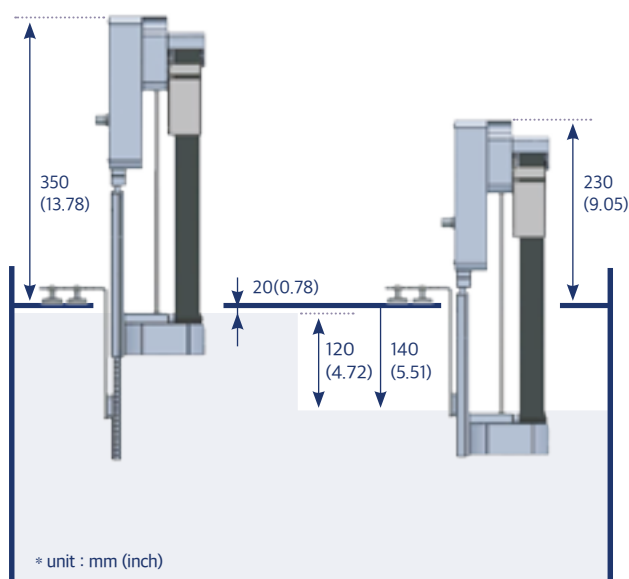
Change in coolant level
20~140mm (from the top of the tank)
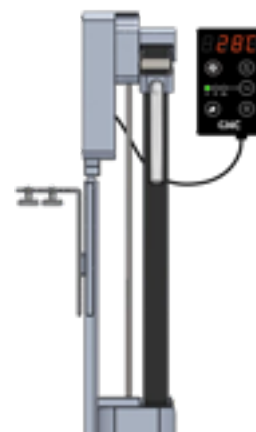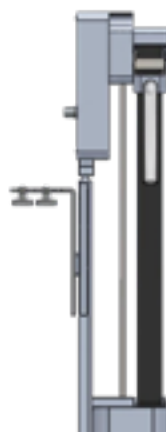0.78~5.51inch

Stroke / Skimming stroke
0~150mm / 0~120mm
0~5.90inch / 0~4.72mm

350 (13.78)
20(0.78)
120 (4.72)
140 (5.51)
230 (9.05)

* unit : mm (inch)

F450/450R

Stand type | **Fixed type**

F450

Overall height
540mm
21.26inch

Distance between centers
450mm
17.71inch

F450R
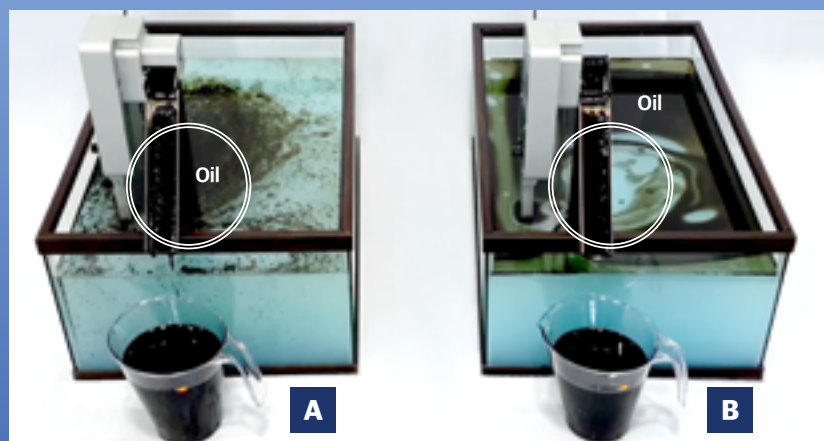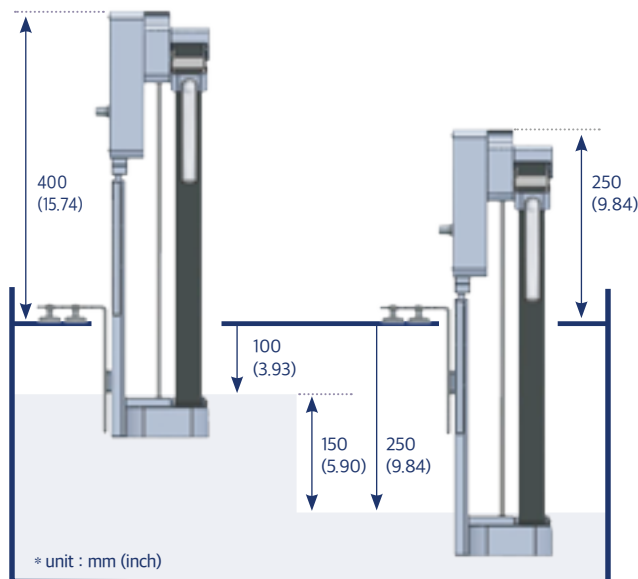
Change in coolant level
100~250mm (from the top of the tank)
3.93~9.84inch

Stroke / Skimming stroke
0~150mm / 0~150mm
0~5.90inch / 0~5.90inch

400 (15.74)
100 (3.93)
150 (5.90)
250 (9.84)
250 (9.84)

* unit : mm (inch)

Oil | Oil | **A** | **B**

PERFORMANCE COMPARISON

A **With Impeller**

Oil induced inside of the circle
⇒ Tramp Oil is collected around the belt
⇒ Faster removal of Tramp Oil

B **Without Impeller**

Oil remains outside of the circle
⇒ Tramp Oil is left away from the belt
⇒ Slower removal of Tramp Oil

CNC Oil Skimmer

New conceptual oil skimmer for efficient management of coolant

Coolant Management
Clean & Long-lasting

Remote Control

Oxygen supply

Height adjustment

Temperature sensor

KC, CE Certified / Patented

The vortex draws tramp oil in

Vortex inducing impeller

Coolant circulation