■Specifications

Screw Type SLS- 150 SB- BT

Spiral Type MOS- 200 - G3P-200V-BT

●Depth(A)

Dimension A	Symbol
150mm	150
200mm	200
300mm	300

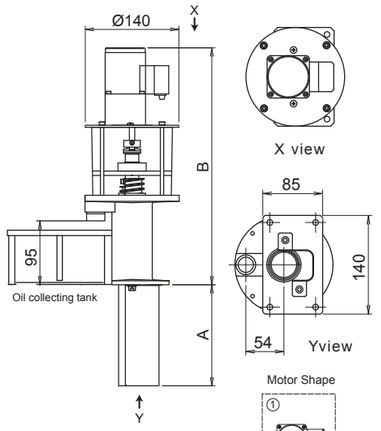
●Motor

Specification	Cable Diameter	Symbol
Induction motor,3phase, 200V with terminal box	Motor conduit diameter G1/2	BT
Induction motor, single phase, 220/230V with terminal box	Ø8～12mm	SP-220V
Induction motor,3phase, 380/400/415V	Ø6～12mm	HV

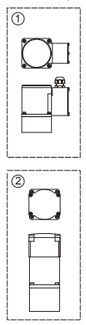
Specification	Cable Diameter	Symbol
Induction motor,3phase, 200V with terminal box	Motor conduit diameter G1/2	G3P-200V-BT
Induction motor, single phase, 220/230V with terminal box	Ø8～12mm	G1P-220V
Induction motor,3phase, 380/400/415V	Ø6～12mm	G3P-380V

(All oil skimmers are sold without cable.)

■Schematic Dimensions

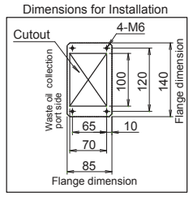


Motor Shape



(Height tolerance A and B : ± 5 mm)

Dimensions for Installation



■Available Models

Screw Type Oil Skimmer

Model	Dimension (mm) A	Dimension (mm) B	Motor Connection Diagram	Motor Shape	Weight (kg)	Capacity (ml/hr)
SLS-150SB-BT	150	392	a)	②	3.7	850
SLS-150SB-SP220V		392	c)	②	3.7	
SLS-150SB-HV		389	b)	①	4.7	
SLS-200SB-BT	200	392	a)	②	3.8	
SLS-200SB-SP220V		392	c)	②	3.8	
SLS-200SB-HV		389	b)	①	4.8	
SLS-300SB-BT	300	392	a)	②	4.3	
SLS-300SB-SP220V		392	c)	②	4.3	
SLS-300SB-HV		389	b)	①	5.3	

Spiral Type Oil Skimmer

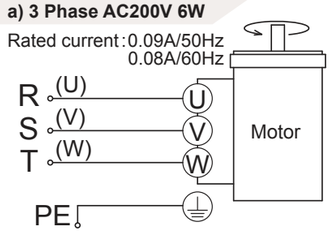
Model	Dimension (mm) A	Dimension (mm) B	Motor Connection Diagram	Motor Shape	Weight (kg)	Capacity (ml/hr)
MOS-150-G3P-200V-BT	150	390	a)	②	4.0	100
MOS-150-G1P-220V		390	c)	②	4.0	
MOS-150-G3P-380V		387	b)	①	5.0	
MOS-200-G3P-200V-BT	200	390	a)	②	4.1	
MOS-200-G1P-220V		390	c)	②	4.1	
MOS-200-G3P-380V		387	b)	①	5.1	
MOS-300-G3P-200V-BT	300	390	a)	②	4.2	
MOS-300-G1P-220V		390	c)	②	4.2	
MOS-300-G3P-380V		387	b)	①	5.2	

(Actual performance may vary depending on use conditions and environment.)

■Connection Diagrams (Induction Motor)

a) 3 Phase AC200V 6W

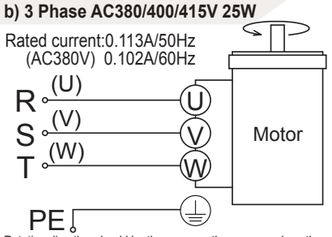
Rated current : 0.09A/50Hz
0.08A/60Hz



Rotation direction should be the same as the arrow mark on the nameplate (clockwise looking from the top). Motor rotation direction can be reversed by interchanging any two lines.

b) 3 Phase AC380/400/415V 25W

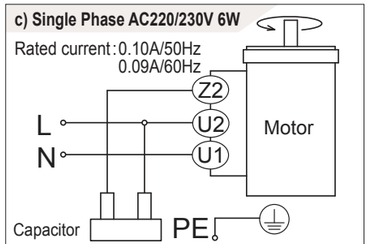
Rated current:0.113A/50Hz
(AC380V) 0.102A/60Hz



Rotation direction should be the same as the arrow mark on the nameplate (clockwise looking from the top). Motor rotation direction can be reversed by interchanging any two lines.

c) Single Phase AC220/230V 6W

Rated current : 0.10A/50Hz
0.09A/60Hz



Rotation direction should be the same as the arrow mark on the nameplate (clockwise looking from the top).

Demonstration machines for testing purposes are available for the screw as well as spiral type oil skimmer .

Attention

- This product has been developed for machining centers using water-soluble coolant.
  If you intend to use the product for a different process, please contact us or our distributors.
- Applicable range of oil viscosity: VG 22 to 68, applicable range of coolant temperature: 10 to 50 °C
- Not applicable for vegetable oil-based, water-soluble coolant
- Applicable pH range of coolant : pH4 to pH9
- Filter installation is strongly recommended to prevent cutting chips from getting into the coolant tank.
- Do not use this product for detergent or coolant containing debris from machining.
- This product is not applicable for cleaning solutions and coolants containing abrasive grit.
  The best installation position is where the oil gathers and stagnates.
- It is recommended to provide enough clearance to the tank bottom to prevent raising sludge.
- For details, please refer to the operation manual.

The specifications are subject to change without notice.

RIX CORPORATION LTD http://www.rix.co.jp/en/ RIX CORPORATION SEARCH click!

CAT No.201702-A

Innovative OIL SKIMMERS

OIL SKIMMERS for Machining Centers

SLS-200SB

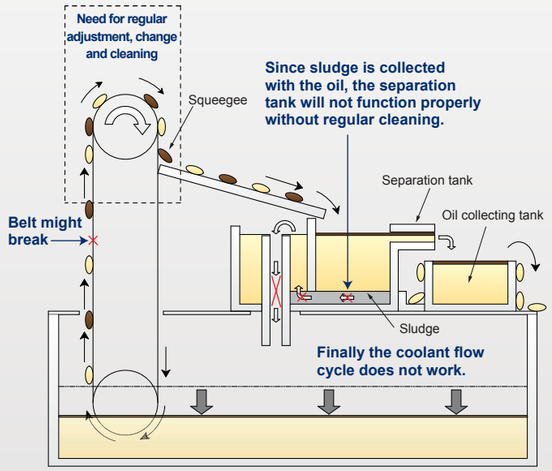
Saving Advantages at:

- Maintenance costs
- Liquid disposal costs
- Running costs
- Space

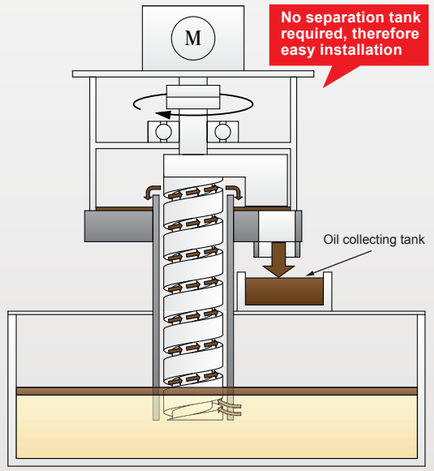
Advantages of RIX Oil Skimmers

1 Low Maintenance Costs

Standard Belt Oil Skimmer

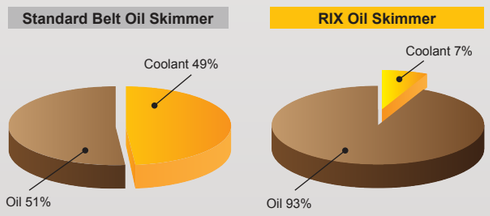


RIX Oil Skimmer



2 Reduced Waste Liquid and Disposal Costs

Oil Collection Efficiency Comparison
(Oil: Vactra No. 2 VG 68)



(In case of inoperable separation tank)

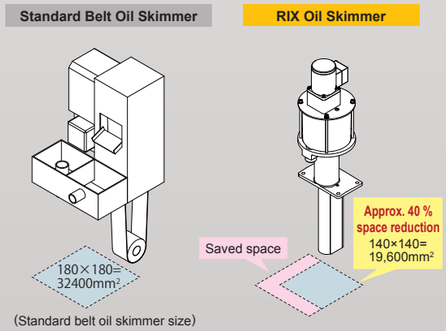
Oil collected
by RIX oil skimmer

Nearly exclusively oil collected

(Please contact us in case the coolant contains sludge and/ or metal cutting chips.)

3 Space-saving

Approx. 40 % installation space saved compared to a standard belt or disk oil skimmer



(Standard belt oil skimmer size)

Low Running Costs

	Contents	Standard Belt Oil Skimmer	RIX Oil Skimmer
1	Belt check & adjustment	1hr/yr	None!
2	Squeegee check & adjustment	1hr/yr	None!
3	Cleaning separation tank	6hrs/yr	None!
4	Cleaning oil skimmer		0.5hr/yr
5	Power consumption	25W	6W

Screw Type Oil Skimmer(SLS Model)

▶ High performance

Max. 850 ml/hr (continuous operation)*

▶ Differentiated product range

Supplying motors with different voltages

▶ Popularity of our products

RIX oil skimmers have been adopted by well-known automobile and motorcycle manufacturers since its release in 2004

- High viscosity oil is lifted by rotating screw
- Low viscosity coolant is dropped

Spiral Type Oil Skimmer(MOS Model)

▶ Wider range of applications

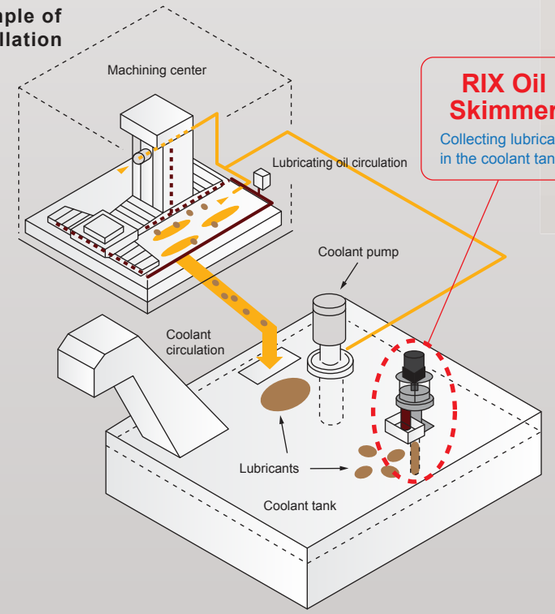
The MOS model is suitable for coolant containing more sludge and metal cutting chips

▶ Capacity

Max. 100 ml/hr (continuous operation) is enough, because the oil usage at a machining center is only approx. 2 to 3 l/week*

- Shaft rotates and lifts up oil along a fixed spiral
- Sludge and metal cutting chips are dropped together with low viscosity coolant from spiral

Example of Installation



*Actual performance may vary depending on use conditions and environment.