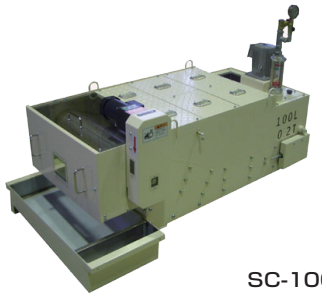
New S Model SludgeCut (Patent No. 5616485)

【More than 97% separation performance】

New S model SludgeCut has reached further separation performance while retaining same size as former model. More than 97% separation is achieved in our performance test using iron oxide.

And also the new model succeeds to former model's merits : capable of discharging abrasive grain, preventing sludge accumulation in the bottom of the tank and separating sludge without filter.



SC-100S

■ SC-S Model (For oil coolant)

Applicable for superfinishing machines, lapping machines, honing machines, broaching machines, thread grinding machines, gear grinding machines, shaving machines, gear hobbing machines, and hardening machines (iron oxide).

SC-S Model (For oil coolant) : Specifications

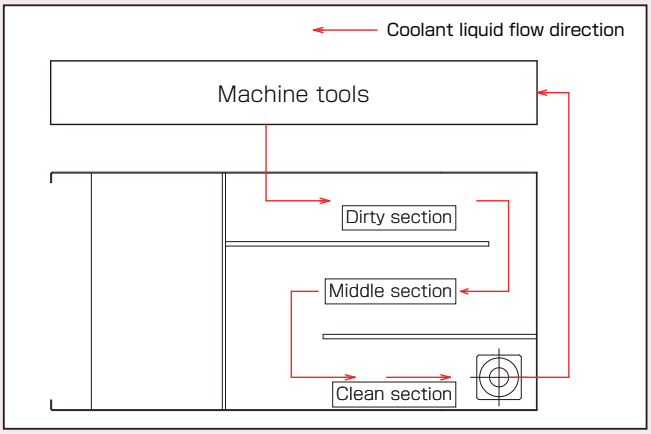
Model	Processing Rate (ℓ/min)	Tank capacity (ℓ)	Weight (kg)	Total length (mm)	Width (mm)	Height (mm)	Pump	Conveyor Motor	Discharge Motor
SC-100S	20	100	150	1350	600	400	0.18kw	90w	optional
SC-150S	30	150	270	1530	750	400	0.25kw	90w	optional
SC-200S	40	200	300	1710	850	400	0.25kw	90w	optional
SC-300S	60	295	500	2190	900	400	0.4kw	90w	optional

■ SC-SN Model (For water-soluble coolant)

Applicable for external and internal cylindrical grinding machines, surface grinding machines, multi-functional grinding machines, and forging machines (iron oxide).

SC-SN Model (For water-soluble coolant) : Specifications

Model	Processing Rate (ℓ/min)	Tank capacity (ℓ)	Weight (kg)	Total length (mm)	Width (mm)	Height (mm)	Pump	Conveyor Motor	Discharge Motor
SC-100SN	50	100	150	1350	600	400	0.25kw	90w	40w
SC-150SN	80	150	270	1530	750	400	0.4kw	90w	40w
SC-200SN	100	200	300	1710	850	400	0.4kw	90w	40w
SC-300SN	150	295	500	2190	900	400	0.75kw	90w	40w



Tank Overlooking Image

【Feature】 Three-structured tank

The inside of the tank is partitioned into three sections : dirty, middle and clean section to induce coolant flow.

As in the left figure, the structure makes circulating coolant meander through the tank. By directing the liquid flow in this way, sludge passes through the magnetic field more frequently than former model.

This is how three-structured tank contributes to higher sludge separation performance and our SludgeCut ensure coolant cleanliness necessary for machining.

See S model performance test on video.
【YouTube】http://www.youtube.com/watch?v=ZYrZkMOTX4s