

BUNRI SAKURA

SKA

Nonmagnetic
materials

Compact type coolant unit

PATENTED

BUNRI products are environmental products which don't emit oil mist and industrial waste, but can reduce power consumption.

Effect of introduction :

Expected annual amount
of money saved **2,122,800 yen** ± Result of your
calculation
(Automaker : Case of company S)

- Rolling filter doesn't need backwashing
- Filtration accuracy 80 - 100 μm



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Effect of introduction

SAKURA

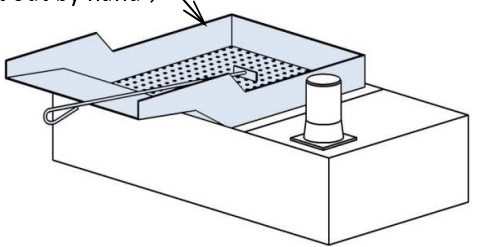
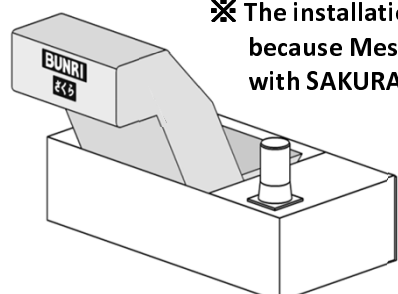
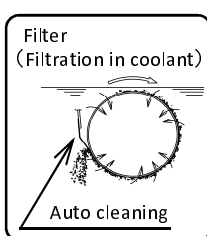
[Automaker : Case of company S]

Machine classification	Workpiece	Material	Coolant
Boring machine	Cylinder head	Aluminum	Water soluble : 150 L/min

Running cost comparison

Unit : yen

Items	Before introduction (Conventional system)		After introduction	
	Mesh bucket	Expense	Rolling filter SAKURA : SKA	Expense
Sludge cleaning	¥ 4,000/h × 0.25 h × 8 times/day × 20 day/month × 12 months/year	1,920,000	Nil	0
Tank cleaning	¥ 4,000/h × 4 h/times × 4 times/year × 2 persons	128,000	¥ 4,000/h × 4 h/time × 2 times/year × 2 persons	64,000
Pump cleaning	¥ 4,000/h × 0.5 h/times × 4 times/year	8,000	Nil	0
Machining failure loss	¥500/piece × 8 pieces/month × 12 months	48,000	Nil	0
Machine stop loss	¥ 2,000/h × 0.25 h × 4 times/month × 12 months	24,000	Nil	0
Coolant change	¥ 200/L × 25 L/time × 4 times/year	20,000	¥ 200/L × 25 L/time × 2 times/year	10,000
Waste coolant disposal	¥ 25/L × 1000 L/time × 4 times/year	100,000	¥ 25/L × 1000 L/time × 2 times/year	50,000
Production loss	¥ <input type="text"/> /piece × <input type="text"/> pieces/h × <input type="text"/> h/year	<input type="text"/>	Nil	0
Power consumption	0.4+0.25=0.65kW 0.65kW × 20 h/day × 20 day/month × 12 months =3,120kW : ¥ 10 /kW × 3,120kW	31,200	0.025+0.4+0.25=0.675kW 0.675kW × 20 h/day × 20 day/month × 12 months/year =3,240kW : ¥ 10/kW × 3,240kW	32,400
Total annual expense	Ⓐ	2,279,200	Ⓑ	156,400
Expected annual amount of money saved	Ⓐ - Ⓑ = ¥2,122,800 ± Result of your calculation			

Conventional system	Mesh bucket	Nonmagnetic materials Unit for cutting SAKURA
<p>Mesh bucket (Carry it out by hand)</p> 	<p>※ The installation on the tank is easy, because Mesh bucket is only replaced with SAKURA.</p>  <p>Simple is best !</p>	 <p>Filter (Filtration in coolant) Auto cleaning</p>
Time loss	<ol style="list-style-type: none"> Discharge of chips and Cleaning of punching. Tank cleaning Punching is stopped up and it overflows Sludge is blocked in the pump and piping. Loss of defective processing and machine stop. 	Effect
		<ol style="list-style-type: none"> Filtration accuracy 80 - 100 μm Automatic discharge of chips Tank cleaning is markedly lowered