

SL. CarborundumTM

Since 1973

Over 30 years of experience in Carborundum

Development into new generation Vertical Abrasive Whitener(VAW)

Certified Materials For better rice abrasive whitener



SL. Carborundum (Thailand) Co.,Ltd.

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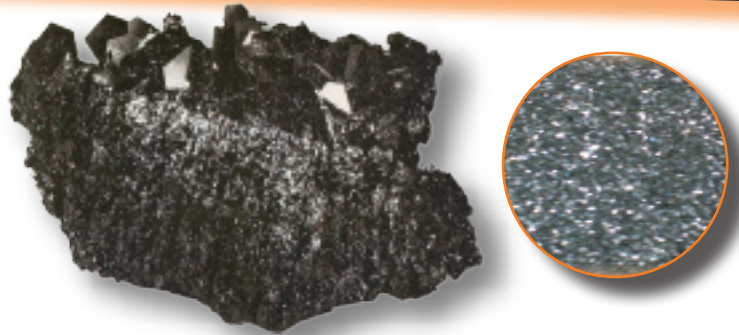
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www.slcarborundum.com

Secret to increase the efficiency and reduce the production cost

1. Abrasive whitener must have good cutability and durability.

- 1.1 The recommended material is Silicon Carbide grains (Fig.A-1)



A-1 Silicon Carbide

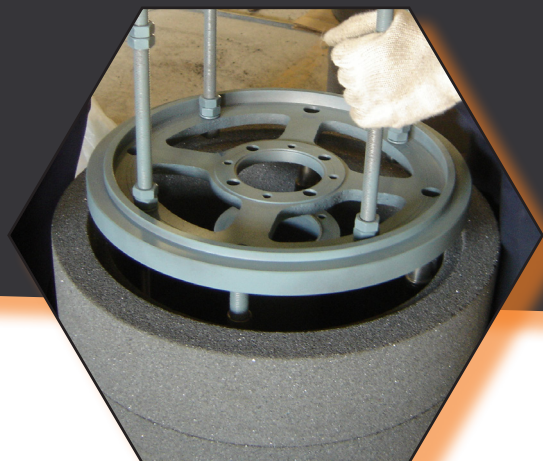
- 1.2 The structure of the stone should have lots of air voids as see in Fig.A-2, where white areas are Silicon Carbide grains , grey areas are bonding, and black area are air voids. (Stone without the air voids structure will have good cutability only after re-surface)



**A-2 Recommended structure for
good polishing wheels.**

2. Speed : Recommended speed are 12-15 m/sec.
3. Airflow : Varying with size of the stone and type of rice.
4. Vibration : Main factor for broken rice.
5. The rubber brake : It should be place for full stone height and approximately 2-3 mm. from the stone.

Rice Polishing Stone



Vertical					Specification					
MODEL	PCS. /SET	SIZE (MM.)			C=SILICON CARBIDE			GC=GREEN SILICON CARBIDE		
		D	T	H	COARSE GRAIN	MEDIUM GRAIN	FINE GRAIN	COARSE GRAIN	MEDIUM GRAIN	FINE GRAIN
SL-VT 5	9	356	46	214	C24	C30	C36	GC24	GC30	GC36
SL-VT 7	6	410	63	285	C24	C30	C36	GC24	GC30	GC36
SL-VT 10	7	460	70	305	C24	C30	C36	GC24	GC30	GC36
SL-VT 12	9	460	70	305	C24	C30	C36	GC24	GC30	GC36
SL-VT 15	9	510	62	345	C24	C30	C36	GC24	GC30	GC36
SL-L	6	340	93	230	C24	C30	C36	GC24	GC30	GC36
SL-D-2500	5	250	60	160	C24	C30	C36	GC24	GC30	GC36
SL-D-6000	5	340	93	230	C24	C30	C36	GC24	GC30	GC36
SL-D-9000	5	456	110	310	C24	C30	C36	GC24	GC30	GC36
SL-R	6	661	120	498	C24	C30	C36	GC24	GC30	GC36
SL-R-16	3	419	136	343	C24	C30	C36	GC24	GC30	GC36
SL-V	8	525	130	400	C24	C30	C36	GC24	GC30	GC36

Produced and distributed by

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5/2 Moo.5 Lamlukka Road, Ladsawai Sub-District, Lamlukka District,
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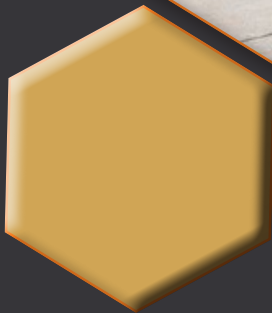
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SL. Carborundum (Thailand) CO., LTD.

SL. Carborundum (Thailand) CO., LTD. has provided grinding wheels for production such as centerless grinding, cylindrical grinding, internal grinding, surface and external grinding, roller grinding, Rice polishing stone etc. Our products are manufacture under ISO 9001:2015 Standard and are in complied to ANSI, JIS and FEPA standards.

Founded: 16 January 1956

Capacity:	150 Metric tons / month
Field Staff:	200 people
Management:	10 people
Technician:	2 people
Engineer:	4 people
Sales:	10 people

Old Stone Wheel Type



New design



SL-C: Is one of our NEW-GEN VAW which use as a replacement of old stone wheel type. The wheels are suitable for all new machine types from Germany and Japan (JASMINE RICE , PARBOILED RICE, GLUTINOUS RICE)

Advantages

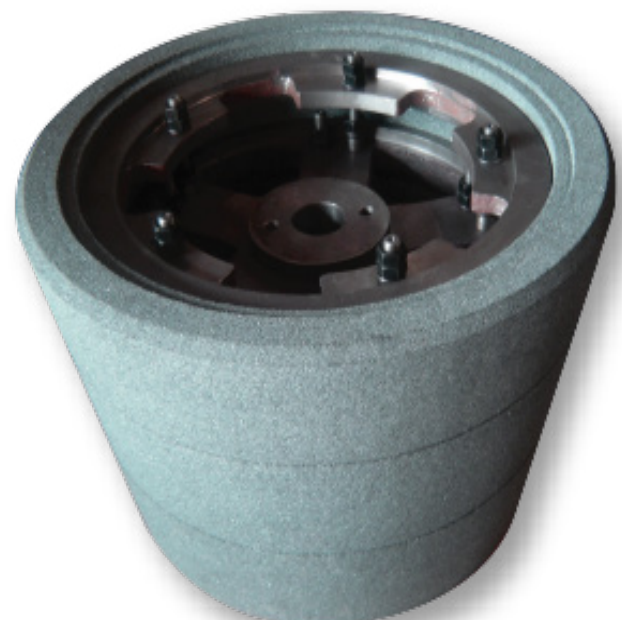
1. Size, shape and angel are very similar to the old type.
2. New design internal structure for lighter weight than the old type.
3. Many wheels combination incase of damages replacement can be made in individual.



SL-C Information

Size	Height	PCS. / Set
16/18"	16"	3
22/24"	16" , 18"	3
24/26"	16" , 18"	3
26/28"	16" , 18"	3
28/30"	16" , 18"	3
30/32"	16" , 18"	3
32/34"	16" , 18"	3
34/36"	16" , 18" , 19"	3-4
40/42"	16" , 18" , 20"	3-4

New design



Installation (SL-C)



SL-C: Structure

Porous Structure

SL-C porous structure helps breakage of silicon carbide grains, providing regular breakage which help retain grain's cutability which results in easier control of rice quality and increase in throughput.

SL-C Life Time

All of New-Gen wheels goes through firing process at more than 1,300 Celcius until the silicon carbide grains bonded together and provide extra abrasive strength with high heat resistant.

All of our wheels can provide minimum of 6,000 hours of milling time and higher depending on the maintenance.



SL-V

Another one of our New-Gen VAW for VIETNAM machine. SL-V discarded the irregular damage on the stone, hence reducing the overall production cost.

Installation (SL-V)

