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Quality floor grinding machines at amazing prices.

9 /SCARIFIERS

Remove concrete and coatings fasterand more effectively with our scarifying machines.

11 / HANDHELD GRINDERS/ POLISHERS

We have a HUGE range of angle grinders, handheld grinders and polishers to suit all needs! See our best sellers here...

13 / WERKMASTER

SmartDiamond Tools is the Australian MACHINES distributor of WerkMaster's award winning products, systems and solutions for concrete, stone & terrazzorefinishing. Check themout

15 / GRINDING SHROUDS

Biggest range of 5" and 7" dust shrouds for your angle grinder.

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Save time and money with our universal slide-on system on your

18 / GRINDING SHOES

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21 / CUP WHEELS

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Kit out your old school machines with our top quality diamonds.

29 / CORNER **GRINDING** POLISHING

Q: What do I do with these rotten corners?

A: Read page 29 of this catalogue.

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Plug your Terrco or Floorex with the best range you will find in Oz.

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Polivac polishing machines to make that final finish pop.

21 / CUP WHEELS

Check out one of the largest ranges of cup wheels available down under.

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Convert your Polivac floor polisher to a multi-purpose concrete preparation machine.

36 /POLISHING PUĆKS / FLOOR PADS

Use Smart's tried and tested pucks to bring the gloss to the next level. Finish your floor the right way with our range of 17" and 20" pads.











GRINDING / POLISHING TOOLS



ABOUT Smart Diamond Tools

Smart Diamond Tools is a leading manufacturer and supplier of high quality diamond tools and machinery. Australian owned and family run, we established in Melbourne in 1989 and have been supplying the concreting and construction industries throughout Australia for 30 years. Visit us in store or call now on 1300 763 328 for Australia wide delivery.





Free shipping for orders over \$400 (*excludes machinery, liquids & adaptor plates)



- 5 year replacement warranty on gearbox (*conditions apply)
- 2 year bumper to bumper warranty
- ₹ Top quality Siemens motor and Schneider inverter (520mm uses Taiwan Teco inverter)
- ✓ Highest quality Japanese bearings and oil seals
- Eton brand switches
- LED headlight and USB charging port as standard
- 20% more efficient than popular belt-driven grinders

Built tough for the Australian market.

GRINDING MACHINES





Redback 450mm - \$7,995.00

3-head planetary floor grinder

Features top quality Siemens motor, Schneider inverter, highest quality Japanese bearings and oil seals, Eton brand switches, LED headlights and USB charging port. 5 year replacement warranty on gearbox (conditions apply) and 2 year bumper to bumper warranty.

Motor:	4HP
Voltage:	Single phase 240V
Work Area:	450mm
Grinding Pressure:	110kg
Speed:	0-1200rpm
Weight:	168kg
Dimensions:	862x460x950mm

Redback 520mm - \$10,495.00

3-head planetary floor grinder

Features top quality Siemens motor, Taiwan Teco inverter, highest quality Japanese bearings and oil seals, Eton brand switches, LED headlight and USB charging port. 5 year replacement warranty on gearbox (conditions apply) and 2 year bumper to bumper warranty.

Motor:	5HP
Voltage:	3-phase 415V
Work Area:	520mm
Grinding Pressure:	130kg
Speed:	0-1200rpm
Water Tank:	20L
Weight:	220kg
Dimensions:	1060x520x1200mm

GRINDING MACHINES



Redback 650mm -\$14,995.00

3-head planetary floorgrinder

Redback 760mm -\$18,990.00

3- head planetary floorgrinder

Redback 760mm -\$19,995.00

4- head planetary floor grinder

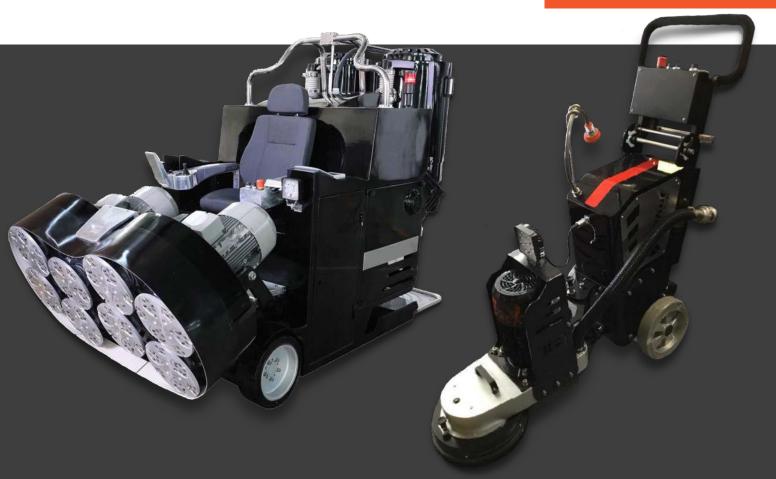
All feature top quality Siemens motor, Schneider inverter, highest quality Japanese bearings and oil seals, Eton brand switches, LED headlight and USB charging port. 5 year replacement warranty on gearbox (conditions apply) and 2 year bumper to bumper warranty.

Motor:	10HP
Voltage:	3-phase 415v
Work Area:	650mm
Grinding Pressure:	206kg
Speed:	0-1200rpm
Water Tank:	25L
Weight:	350kg
Dimensions:	1170x650x1200mm

Motor:	15HP
Voltage:	3-phase 415v
Work Area:	760mm
Grinding Pressure:	300kg
Speed:	0-1200rpm
Water Tank:	30L
Weight:	450kg
Dimensions:	1360x760x1300mm

Motor:	15HP
Voltage:	3-phase 415v
Work Area:	760mm
Grinding Pressure:	300kg
Speed:	0-1200rpm
Water Tank:	30L
Weight:	500kg
Dimensions:	1360x760x1300mm

GRINDING MACHINES



Redback 1520mm - \$149,000

8-head ride-on floor grinder

The largest gear-driven ride-on floor grinding machine available, with a 1520mm work area. Easy to operate and incredibly effective at completing large areas in a short time. Features integrated dust extraction system and additional weight to adjust head pressure.

Motor:	2 x 15HP
Voltage:	3-phase 415v
Speed:	0-1200rpm
Vacuums:	2 x 10HP attached
Weight:	1800kg
Dimensions:	1520x1930mm

Redback Edge Grinder - \$7,995

300mm edge grinder

Precision designed edge grinding machine with the body and grinding head adjustable to 45 degrees. Features a unique electrical lifting system for rear wheels, dust collection port, adjustable handle and guiding device.

Motor:	4HP (3KW)
Voltage:	Single phase 220v
Speed:	0-1200rpm
Weight:	120kg
Dimensions:	1175x485x900mm



A250B - \$1,890.00 10" (250mm) floor g<u>rinder</u>

Compact 250mm floor grinder for wet and dry applications. Easy to transport with its compact size and foldable handle. Head can be turned 80 degrees left or right, enabling easy grinding close to walls. Features a detachable dust shroud, vacuum port and water port.

	— —		
2.40,000,000	£1	~	
340mm	HOOF	grinaer	
	,	9	

Compact and robust single head floor grinder, ideal for small to medium grinding jobs. 340mm wide grinding head. Features a pre-installed adaptor plate to enable use of AuSKut's slide-on diamonds.

Motor:	3HP (2.2KW)
Speed:	1410rpm
Weight:	67kg
Dimensions:	825x432x860mm

Motor:	3HP (2.2KW)
Speed:	650rpm
Weight:	100kg
Dimensions:	900x400x1000mm

SCARIFIERS



SCR200P - \$1,995.00

8" petrol scarifier

Honda petrol walk-behind scarifying machine ideal for coating removal, creating non-slip surfaces, floor preparation and road maintenance. For use with our M200 drum.

Motor:	Honda GX160 5.5HP
Working Width:	200mm
Working Depth:	3-5mm
Weight:	61kg
Dimensions:	1650x480x950mm

SCR200H4 - \$2,690.00

8" heavy duty petrol scarifier

Honda petrol walk-behind scarifying machine ideal for coating removal, creating non-slip surfaces, floor preparation and road maintenance. Includes 4-shaft heavy duty drum (M200HD).

Motor:	Honda GX160 5.5HP
Working Width:	200mm
Working Depth:	3-5mm
Weight:	105kg
Dimensions:	820x490x810mm

SCR250H9 - \$4,899.00

10" petrol scarifier

Honda petrol walk-behind scarifying machine ideal for coating removal, creating non-slip surfaces, floor preparation and road maintenance. Includes extra heavy duty drum (M250).

Motor:	Honda GX270 9HP
Working Width:	250mm
Working Depth:	5-10mm
Weight:	132kg
Dimensions:	910x470x880mm

SCARIFIERS



SCR200E - \$2,195.00

8" electric scarifier

Versatile electric scarifying machine ideal for sidewalk repair, coating and line removal, floor preparation and creating non-slip surfaces. For use with our M200 drum.

Motor:	240V 2.2KW
Working Width:	200mm
Working Depth:	2-3mm
Weight:	60kg
Dimensions:	820x490x810mm



carbide flail cutters cage assembly including drum, 76 x 6mm TCT cutters and 104 x washers. Replacement cutters available (sold separately).





M200HD4 - \$633.00 8 " carbide flail cutters cage assembly including drum and 60 x TCT cutters. Replacement cutters available (sold separately).





M250 - \$1,249.00 10" carbide flail cutters cage assembly including drum and 90 x TCT cutters. Replacement cutters available (sold separately).



HAND-HELD GRINDERS/ POLISHERS

Smart Diamond Tools stocks an extensive range of quality angle grinders to suit all needs from the brands pictured below.

Call us on 1300 637 347 or check out the website for our current range.









A sample of our best sellers...



Metabo W24-230MVT \$289.00

230mm angle grinder

9" (230mm) grinder with Marathon motor and patented dust protection for long service l i fe. Features deadman switch, tool-freeadjustable guard, anti-vibration handle and rotatingrear handle. Pictured with our 7ShroudH (sold separately).

Motor:	2400W
No-Load Speed:	6600rpm
Disc Diameter:	230mm
Weight:	5.8kg

Metabo WEV15-125INOX \$383.00

125mm angle grinder

5" (125mm) robust, powerful grinder with high gear reduction and adjustable reduced speed for cool finish. Features Marathon motor, VTC full-wave electronics, M-quick toolfree disc change and S-automatic safety clutch. Pictured with Metabo GED125 shroud & D-handle (sold separately).

Motor:	1550W
No-Load Speed:	2000-7600rpm
Disc Diameter:	125mm
Weight:	2.5kg

Metabo WEA17-125- \$392.00

125mm angle grinder

The power of a larger grinder and compactness of a small one for quickest material removal. Features Marathon motor, TC full- wave electronics, M-quick tool-free disc change and S-automatic safety clutch. Pictured with Metabo GED125 shroud and D-handle (sold separately).

Motor:	1700W
No-Load Speed:	11000rpm
Disc Diameter:	125mm
Weight:	2.5kg



AG125 - \$695.00

5" (125mm) concrete grinder

Features variable speed, load indicator, adjustable ergonomic handle, tool-free sliding cover for edge grinding and dust control skirt.

Motor:	2200W
No-Load Speed:	4300-7200rpm
Disc Diameter:	125mm
Weight:	4.7kg

EP7FB - \$695.00

7" (180mm) wet/dry polisher

Suitable for wet or dry polishing of concrete and stone. Featuresvariable speed, soft start and overload protection.

Motor:	2200W
No-Load Speed:	1000-2400rpm
Disc Diameter:	180mm
Weight:	6kg

WETPOL5-900 - \$495.00

5" (125mm) wet polisher

Suitable for wet polishing of concrete a n d s t o n e . F e a t u r e s d o u b l e transmission and variable speed.

Motor:	800W
No-Load Speed:	700-3000rpm
Disc Diameter:	125mm
Weight:	4.5kg

WERKMASTER MACHINES

Australian distributor





WerkMaster Scarab - \$3,395

Handheld grinding/polishing machine

Scarab

Theidealhandheldmachinefor countertops, floors, stairs and ledges. Gets within 3mm of the wall! The 5 counterrotating heads add stability and produce a superior finish. Features quick change tooling, dust control and optional water feature. Polisher and tooling sold separately.

Footprint:	310x200x180mm
Disc Size:	76mm
Weight:	20kg (w/o polisher)
Vacuum Req:	100 CFM

WerkMaster Edge - \$9,995

Edge grinder/polisher

A compact and powerful compliment to any large floor machine. Excellent for concrete edging, grinding, polishing and surface prep with 350mm work area. Gets within 3mm of the wall! Disassembles for easy transport. Features quick change tooling and dustless grinding when attached to appropriate dust extraction. Tooling sold separately.

Motor:	3HP 240V
No-load Speed:	400-1000rpm
Disc Size:	127mm
Weight:	93.4kg
Vacuum Req:	200 CFM

WERKMASTER TOOLING

MOHS HARDNESS TESTKIT - \$229.00

Determine the overall hardness or softness of your concrete or stone surface. Testing will save money, reduce diamond wear and decrease time spent. Provides a general guide only. Each kit comes with a storage case and range of picks.





WERKMASTER SCARAB TOOLING

For use with the WerkMaster Scarab. Full range of 3" (76mm) diamond abrasive tooling, resins and buffing pads. Everything you need to remove coatings, grind, polish and refinish concrete, terrazzo and stone.



	Description:	Code:
Turbo Shark	3 x 16G segs - \$93.00	W002-1428
Teardrop	3 x 30/40G segs - \$93.00 3 x 70/80G segs - \$93.00	W002-1524 W002-1525
Achromic Pad	100G - \$20.00	W003-0267
Resin Pad	200G - \$26.00 400G - \$26.00 800G - \$26.00 1500G - \$26.00 3000G - \$26.00	W003-0278 W003-0279 W003-0280 W003-0281 W003-0282
Nylon Pad	Pink cleaning/buffing pad - \$5.00	W011-0015

WERKMASTER EDGE TOOLING

For use with the WerkMaster Edge. Full range of "plug n go" options including diamond abrasive tooling, resins and buffing pads. Everything you need to remove coatings, grind, polish and refinish concrete, terrazzo and stone.



	Description:	Code:
PCD + Shark	Anti-clockwise - \$97.00 Clockwise - \$97.00	W002-1349 W001-1350
Shark	2 x 16G segs - \$31.00	W002-1413
Standard	1 x 16G seg - \$41.00 1 x 30/40G seg - \$35.00 1 x 70/80G seg - \$35.00	W002-1319 W002-1392 W002-1409
Achromic Pad	100G - \$13.00	W003-0247
Resin Pad	200G - \$26.00 400G - \$26.00 800G - \$26.00 1500G - \$26.00 3000G - \$26.00	W003-0236 W003-0237 W003-0238 W003-0239 W003-0240
Nylon Pad	Pink buffing pad - \$6.00	W011-0042

5" Shrouds



5SHROUD - \$95.00

Suits 125mm grinder with a 50mm clamp. Hard plastic with bristle edge. Clip-off front for edge grinding. 38mm OD vacuum port.



5SHROUDC - \$75.00Suits 125mm grinder with an adjustable clamp to fit 42-55mm. Clear hard plastic with bristle edge. Clip-off front for edge grinding. 35mm OD vacuum port.



5SHROUDG - \$62.00

Suits 125mm grinder. Hard plastic with bristle edge. Swing front for edge grinding. 32mm OD vacuum port.



5SHROUDM - \$49.00

Suits 125mm grinder with multiple clamp sizes available (39mm, 42mm, 46mm, 49mm). Steel with velcro/ vinyl skirt. Not suitable for edge grinding. 33mm OD vacuum port.



DWE46150 - \$125.00

DeWalt brand - suits 115mm and 125mm grinders with keyless clamp. Hard plastic with bristle edge. Swing front for edge grinding. AirLock vacuum port.

GRINDING SHROUDS

7" Shrouds



7SHROUD - \$99.00

Suits 180mm grinder and available in 2 clamp sizes (65mm, 75mm). Hard plastic with bristle edge. Clipoff front for edge grinding. 38mm OD vacuum port.



7SHROUDG - \$125.00

Suits 180mm grinder. Hard plastic with bristle edge. Swing front for edge grinding. 35mm ID vacuum port.



7SHROUDH - \$219.00Suits 180mm grinder with an adjustable clamp to suit 65-75mm. Alloy. Lift-up door for edge grinding. 40mm OD vacuum port.



7SHROUDM

Suits 180mm grinder with multiple clamp sizes available (65mm, 75mm). Steel with velcro/vinyl skirt. Not suitable for edge grinding. 38mm OD vacuum port.



7SHROUDR - \$119.00

Suits 180mm grinder with rubber spacers to suit popular brands i.e. DeWalt, Makita, Milwaukee, Metabo & Bosch. Hard rubber with steel wear strip. Flip-up door for edge grinding. 58mm ID vacuum port.



7SHROUDTYRO -

Suits 180mm grinder. Composite body with rubber diaphragm. Flipup front for edge grinding. 35mm ID / 51mm OD vacuum port.



7SHROUDHOLM -

Holer brand - suits 180mm grinder. Alloy construction. Flip-up front for edge grinding. 35mm ID / 51mm OD vacuum port.



DWE46170 - \$219.00 DeWalt brand - suits 10 180mm grinders with keyless clamp. Rubber with steel wear strip. Flip-up front for edge grinding. AirLock vacuum port.

ADAPTOR PLATES

Replace your current grinding machine base plate with Smart's adaptor plate to enable use of Smart's "Redi-Lock" style grinding shoes*. <u>SAVE TIME & MONEY</u> with our universal slide-on system!

*Adaptation of your machine is not guaranteed. Extra modification may be required.

CONBLAST6 - \$69.00

6" (160mm) adaptor plate to suit Blastrac 435.



CONLAV9 - \$89.00

9" (225mm) adaptor plate to suit Lavina 20.



CONH10 - \$105.00

10" (250mm) universal adaptor plate to suit CUB Grinder, Crete Mower or Schwamborn DSM250.



CONTPG10 - \$105.00

10" (250mm) adaptor plate to suit Meteor 250.



CONH12 - \$129.00

12" (300mm) universal adaptor plate to suit Dimas machines.



CONTPG7 - \$85.00

7" (180mm) adaptor plate to suit Satellite SP Active Planetary.



CONHTC270 - \$149.00

270mm adaptor plate to suit HTC 800.



CONSCHPLATE 7, 8 & 9 - \$95

7", 8" & 9" adaptor plates to suit Schwamborn DSM450, DSM530, DSM530S, DSM650S and DSM650S.



CONHTC6 - \$53.00

6" (160mm) adaptor plate to suit HTC 420.



CONSMALLH - \$8.00

55x40mm small adaptors that can be fitted to most existing steel base plates.



CONHTC9 - \$85.00

9" (230mm) adaptor plate to suit HTC 650.



JSADAPT - \$20.00

Adaptor plate to suit Jian Song (Topstone) grinders.



CONKLIN8 & 9 - \$119.00 & \$129.00

8" and 9" (230mm) adaptor plates to suit most Klindex machines.



VELCROHS - \$18.00

3" (80mm) velcro slide-on plates to easily change over from diamonds to pucks or ceramics.



SAVE TIME & MONEY!!!

GRINDING SHOES





SAVE TIME & MONEY with Smart's universal slide-on system! Check out our range of adaptor plates to use these diamonds on your machine.

Best value grinding diamonds in Australia!!

PROFESSIONAL "REDI-LOCK" STYLE SHOES

Smart's range of professional slide-on diamonds, our most popular and best value for money! 13mm high coffin shaped segments. Available in single, double and triple segments, various grits and bonds (see chart).



Extra Hard Floor Very Hard Floor Hard Floor Medium Floor Soft Floor Very Soft Floor Extra Soft Floor **XHF - Pink VHF - Blue** HF - Black MF - Red **VSF - Green** XSF - White Medium Bond Hard Bond Very Hard Bond Extra Hard Bond Extra Soft Bond Very Soft Bond Soft Bond

	Single	Double	Triple
16 Grit: S - \$25 D - \$35	HSRK16S VHF HF MF SF VSF	HDRK16S VHF HF MF SF VSF	
20/25 Grit S - \$23 D - \$30	HSRK25S XHF VHF HF MF SF VSF	HDRK25S VHF HF MF SF	
30/40 Grit S - \$21 D - \$28 T - \$44	HSRK30S VHF HF MF SF VSF	VSFHDRK30S XHF VHF HF MF SF VSF	H3RK30S XSF
60/70 Grit S - \$21 D - \$28	HSRK60S VHF HF MF SF VSF	HDRK60S VHF HF MF SF VSF	
80 Grit S - \$21 D - \$28	HSRK80S VHF HF MF SF VSF	HDRK80S VHF HF MF SF VSF	
120/140 Grit S - \$21 D - \$28	HSRK120S VHF HF MF SF VSF	HDRK120S XHF VHF HF MF SF VSF	
160 Grit T - \$44			H3RK160S XHF VHF

Extra Hard Floor	Very Hard Floor	Hard Floor	Medium Floor	Soft Floor	Very Soft Floor
XHF - Pink	VHF - Blue	HF - Black	MF - Red	SF - Yellow	VSF - Green
Extra Soft Bond	Very Soft Bond	Soft Bond	Medium Bond	Hard Bond	Very Hard Bond

TRADE "REDI-LOCK" STYLESHOES

Our trade range of slide-on diamonds for the budget conscious. 13mm high hexagon shaped segments. Available in single or double segments, various grits and bonds (see chart).



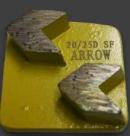


	Single	Double
30/40 Grit S - \$19 D - \$23	HSRK30T VHF HF MF SF VSF	HDRK30T VHF HF MF SF VSF
60/70 Grit S - \$19 D - \$23	HSRK60T VHF HF MF SF	HDRK60T HF MF SF
120/140 Grit D - \$23		HDRK120T HF MF SF

ARROW SEGMENTS

Professional slide-on diamonds with 15mm high arrow shaped segments for coatings removal. Available in single and double segments, 25 grit, various bonds (see chart).



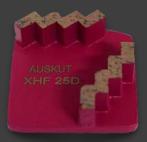


	Single	Double
25 Grit S - \$25 D - \$35	AAS80S HF MF SF VSF	AAS80 HF MF SF VSF

STEP SEGMENTS

Professional slide-on diamonds with 11mm high step shaped segments aggressive grinding and coatings removal. Available in single or double segments, 25 grit, various bonds.





	Single	Double
25 Grit S - \$25 D - \$33	HSRKSTEP XHF MF	HDRKSTEP XHF MF VSF

GRINDING SHOES

PCD SEGMENTS

Our range of PCD segment slide-on diamonds for aggressive grinding and coatings removal.

PCDSDS, PCD1 and PCD4 are available in LEFT or RIGHT, depending on the rotation of your machine.



Single PCD with 6 grit diamond segment - \$33	PCDS1D HF MF SF
Double PCD with 6 grit diamond segment - \$54	PCDS2D HF MF SF
1 x split PCD segment - \$29	PCD1SP
2 x split PCD segments - \$50	PCD2SP
2 x 1/3 PCD segments + 1 x diamond segment - \$57	PCDSDS
2 x 1/3 PCD segments - \$47	PCD1
1/2 PCD segment + 1 x mixed segment - \$57	PCD4



LOOSE SEGMENTS

Our professional 13mm high loose diamond segments are available in coffin or arrow shapes, various grits and bonds (see chart). Silver solder welding sheets also available.

	Coffin	Arrow
16 Grit \$13.90		SEGA16 SF
20/25 Grit SF/MF/HF-\$5.50 VSF/VHF-\$6.50	SEGC25 VHF HF MF SF VSF	SEGA25 HF
30/40 Grit SF/MF/HF-\$4.90 VSF/VHF-\$5.50	SEGC30 VHF HF MF SF VSF	
60/70 Grit \$4.90	SEGC60 HF MF SF	
80 Grit \$4.90	SFGC80 HF MF	
120/140 Grit \$4.90	SEGC120 HF MF	

Very Hard Floor	Hard Floor	Medium Floor	Soft Floor	Very Soft Floor
VHF - Blue	HF - Black	MF - Red	SF - Yellow	VSF - Green
Very Soft Bond	Soft Bond	Medium Bond	Hard Bond	Very Hard Bond

Best for REMOVAL OF COATINGS e.g. glue, paint, resin, etc

SUPER STRIPPER CUPWHEELS

Our "Super Stripper" grinding cup wheels have 25 grit rhomboid shaped 8mm high diamond segments for VERY aggressive concrete grinding and FAST removal of coatings.



5" (125mm)	6 segments (blue) - \$43	SS56
7" (180mm)	6 segments (blue) - \$65	SS76
	12 segments soft bond (blue) -	SS712 HF
	\$98	SS712 VHF
	12 segment very soft bond (yellow) - \$98	
	12 segments (blue) - \$130	SS1012
10" (250mm)	12 segments hard bond (yellow) - \$130	SS1012 SF
	12 segments very hard bond (green) - \$142	SS1012 VSF

ARROW CUP WHEELS

Arrow segment grinding cup wheels for aggressive concrete grinding and removal of coatings.



4" (115mm)	5 x 10mm segments - \$49	TCW45A
5" (125mm)	6 x 10mm segments - \$60	TCW56A
6" (150mm)	8 x 10mm segments - \$82	TCW68A
7" (180mm)	6 x 15mm segments - \$105	TCW7625A
10" (250mm)	9 x 15mm segments - \$142	TCW109A

PCD CUP WHEELS

Grinding cup wheels with PCD diamond segments for aggressive concrete grinding and removal of coatings.



5" (125mm)	3x1/3 PCD segments + TCT - \$98 12 small PCD segments - \$105 9 split PCD segments - \$115	PCW5 PCW5R PCW5SP
	6x1/3 PCD segments+TCT-\$142	PCW7
	12 small PCD segments-\$120	PCW7R
7" (180mm)	12 split PCD segments-\$153	PCW7SP
	3 PCD segments +6grit-\$109	SDS73
	6 PCD segments +6grit-\$164	SDS76
10" (250mm)	9x1/3 PCD segments + TCT-\$185	PCW10

NOODLE CUP WHEEL - \$159

7" (180mm) cup wheel with 8 rhomboid diamond segments + 24 "noodle" diamond segments in very soft bond for QUICK removal of coatings.



5" (125mm)

7" (180mm)

5" (125mm)	10 x raptor segments-\$87	RAP5
7" (180mm)	12 x raptor segments-\$130	RAP7

6 segments XHF - \$60

8 segments extra soft bond-\$93

8 segments very hard bond-\$93

RAPTOR CUP WHEELS

Special "raptor" segment cup wheels have 30 grit 5mm high diamond segments for aggressive concrete grinding and coating removal. Especially suited to removal of pressure sensitive glues.



STEPPED SEGMENT CUP WHEELS

Stepped segment grinding cup wheels have 25 grit 10mm high diamond segments for VERY aggressive concrete grinding and FAST removal of coatings



CURVED SEGMENT CUP WHEELS

Our professional range of 25 grit curved diamond segment cup wheels for aggressive concrete grinding and coating removal.



	5" (125mm)	6 x 8mm segments extra soft bond - \$57	TCW56P
		3 x 12mm segments - \$72	TCW73P
		6 x 12mm segments extra soft bond - \$98	TCW76P XHF
		6 x 12mm segments soft bond - \$98	TCW76P HF
3		6 x 12mm segments very hard bond - \$98	TCW76P VSF

TCW56Step

TCW78Step XHF

TCW78Step VSF

TURBO cup wheels

3" (65mm) CUP WHEELS

Trade quality 5mm high diamond segment cup wheels for aggressive to fine concrete grinding. The small size makes for easier grinding in corners and hard toreach places. Only available in soft bond for hard floors. M14 thread for use on 4.5" and 5" angle grinders.



	Use:	Code:
30/40 Grit	General purpose - \$50	TCW330
60 Grit	Fine - \$50	TCW360
120 Grit	Very fine - \$50	TCW3120

4" (100mm) CUP WHEELS

Trade quality 5mm high diamond segment cup wheels for aggressive to fine concrete grinding. Available in various grits, medium bond only.



	Use:	Code:
	General purpose DIY - \$10	TCW49ECO
	General purpose BUDGET - \$10	TCWX
30/40 Grit	9 segment aggressive - \$40	TCW49T
	16 segment general purpose-\$50	TCW416T
	18 segment general purpose-\$50	TCW418T
80 Grit	16 segment fine-\$50	TCW41680T
120 Grit	16 segment extra fine-\$50	TCW416120T

4.5" (115mm) CUP WHEELS

Trade quality 5mm high diamond segment cup wheels for aggressive to general purpose concrete grinding. Available in 30/40 grit, medium bondonly.

	Use:	Code:
30/40 Grit	9 segment aggressive - \$45	TCW459
	18 segment general purpose - \$70	TCW4518

Hard Floor Medium Floor

HF - Black	MF - Red
Soft Bond	Medium Bond

5" (125mm) CUP WHEELS

For very aggressive to fine concrete grinding. Available in trade (5mm high segments) and professional (8mm high segments) qualities, various grits and bonds (see chart).



Our ultra professional range (5.5mm high segments) feature ultra high quality diamonds and are available in various grits, very soft bond only.

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6" (150mm) CUP WHEELS

Trade quality 5mm high diamond segment cup wheels for aggressive to fine grinding. To suit HILTI. Available in various grits, medium bondonly.

TRADE	Use:	Code:
16 Grit	9 segment aggressive MF-\$65	TCW5916T
	5 segment (for multiplate use only) HF - \$21	TCW5MP
30/40 Grit	9 segment aggressive HF MF VSF - \$54	TCW5930T
30/40 GHt	16 segment general purpose HF MF - \$76	TCW51630T
	18 segment general purpose HF MF - \$86	TCW51830T
60 Grit	18 segment fine HF MF - \$86	TCW51860T
80 Grit	18 segment fine HF MF - \$86	TCW51880T
120 Grit	18 segment fine XHF HF MF - \$86	TCW518120T

PRO	Use:	Code:
	7 segment "Hilti style" aggressive HF - \$76	TCWHIL5
30/40 Grit	9 segment aggressive MF-\$76	TCW59P
	18 segment general purpose MF - \$97	TCW51830P

ULTRA PRO	Use:	Code:
30/40 Grit	9 segment aggressive VHF - \$76 18 segment general purpose VHF - \$97	TCW5930X TCW51830X
60 Grit	18 segment fine VHF - \$97	TCW51860X
120 Grit	18 segment fine VHF - \$97	TCW518120X

	Use:	Code:
30/40 Grit	9 segment aggressive - \$76 18 segment general purpose - \$97	TCW69T TCW618T
80 Grit	18 segment fine - \$97	TCW61880T

7" (180mm) CUP WHEELS

For very aggressive to fine concrete grinding. Available in trade (5mm high segments) and professional (8mm high segments) qualities, various grits and bonds (see chart).



Our ultra professional range (5.5mm high segments) feature ultra high quality diamonds and are available in various grits, very soft bondonly.



Extra Hard Floor	Very Hard Floor

Very Hard Floor

Hard Floor	Hard Floor	Medium Floor

XHF - Pink	VHF - Blue	HF - Black	MF - Red	VSF - Green
Extra Soft Bond	Very Soft Bond	Soft Bond	Medium Bond	Very Hard Bond

TRADE	Use:	Code:
16 Grit	12 segment extra aggressive MF - \$89	TCW71216T
25 Grit	12 segment very aggressive-\$79 24 segment aggressive-\$99	TCW71225T HF TCW72425T HF
30/40 Grit	12 segment aggressive HF MF VSF (\$75) - \$79	TCW71230T
30/40 GHt	24 segment general purpose HF MF -\$99	TCW72430T
00.0 %	12 segment fine MF - \$79	TCW71260T
60 Grit	24 segment fine HF MF - \$99	TCW72460T
22.2	12 segment fine MF - \$79	TCW71280T
80 Grit	24 segment fine HF MF - \$99	TCW72480T
400 0 .:	12 segment very fine MF - \$79	TCW712120T
120 Grit	24 segment very fine XHF HF MF - \$99	TCW724120T

PRO	Use:	Code:
	8 segment "Hilti style" aggressive HF - \$98	TCWHIL7
30/40 Grit	12 segment aggressive MF - \$87	TCW712P
	24 segment general purpose MF - \$109	TCW72430P

ULTRA PRO	Use:	Code:
30/40 Grit	12 segment aggressive VHF - \$98 24 segment general purpose VHF - \$109	TCW71230X TCW72430X
60 Grit	24 segment fine VHF - \$109	TCW72460X
120 Grit	24 segment fine VHF - \$109	TCW724120X

Very Soft Floor

25

Hard Floor Medium Floor

HF - Black MF - Red

Soft Bond

Medium Bond

FAN CUP WHEELS

Fan segment cup wheels for general purpose to fine concrete grinding. Various grits available, medium bond only.



5" (125mm)	7 segments 30/40 grit - \$65 7 segments 60 grit - \$65	TCW5F TCW5F60
5 (12311111)	7 Segments 60 gm - 465	TCWSF60
	7 segments 120 grit - \$65	TCW5F120
6" (150mm)	7 large segments 30/40 grit Suits HILTI - \$76	TCW6F
	12 segments 30/40 grit - \$98	TCW7F
7" (180mm)	12 segments 60 grit - \$98	TCW7F60
	12 segments 120 grit - \$98	TCW7120F

DOUBLE ROW CUP WHEELS

Double row segment cup wheels for general purpose to fine concrete grinding. Various grits and bonds available.



4" (100mm)	30/40 grit MF - \$36 80 grit MF - \$36	DRCW4 DRCW480
5" (125mm)	30/40 grit MF - \$61 80 grit MF - \$61 120 grit MF - \$61	DRCW5 DRCW580 DRCW5120
7" (180mm)	30/40 grit HF MF - \$98 80 grit MF - \$98 120 grit MF - \$98	DRCW7 DRCW780 DRCW7120

CYCLONE CUP WHEELS

Cyclone turbo cup wheels for general purpose to fine

		Various	grits	available,	mediur
ond only	4	11/2	Šū.		
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4" (100mm)	30/40 grit - \$61	CTC4
5" (125mm)	30/40 grit - \$87 120 grit - \$87	CTC5 CTC5120



We have cup wheel ADAPTORS to suit all your needs! M14 short - M14 tall - M14 tall full thread - M14 Dewalt - M14 flange - 5/8" Ask our friendly staff what you need to make our cup wheels work for you!





4-pin impact socket cup wheel remover also now available! \$20





TO SUIT SATELLITE

7" (180mm) diamond segment floor grinding cup wheels to suit Satellite machines. Available in various grits and bonds.



	Use:	Code:
16 Grit	3 segment extra aggressive HF MF - \$87	TPG7316
	6 segment aggressive HF MF - \$109	TPG7616
25 Grit	3 segment extra aggressive VHF HF MF - \$76	TPG7325
	6 segment aggressive HF MF - \$98	TPG7625
	3 segment extra aggressive HF MF - \$65	TPG7330
30/40 Grit	6 segment aggressive HF MF SF - \$87	TPG7630
	9 segment general purpose HF MF - \$105	TPG7930
80 Grit	9 segment general purpose & fine VHF MF - \$105	TPG7980
120 Grit	9 segment fine VHF MF - \$105	TPG79120

TO SUIT METEOR

10" (250mm) diamond segment floor grinding cup wheels to suit Meteor machines. Available in various grits and bonds.



	Use:	Code:
	330.	Gode.
16 Grit	3 segment extra aggressive HF MF - \$109	TPG10316
	6 segment aggressive HF MF - \$142	TPG10616
25 Grit	3 segment extra aggressive HF MF - \$98	TPG10325
	6 segment aggressive HF MF - \$131	TPG10625
	3 segment extra aggressive HF MF - \$87	TPG10330
30/40 Grit	6 segment aggressive HF MF - \$120	TPG10630
	9 segment general purpose HF MF - \$142	TPG10930
80 Grit	9 segment general purpose & fine MF - \$142	TPG10980
120 Grit	9 segment fine MF - \$142	TPG109120

TO SUIT RICHMOND

8" diamond segment grinding plates to suit Richmond grinders.



12 x 30/40 grit segment for general purpose grinding - \$160	RGH12
12 x 30/40 grit segment for HARD concrete - \$160	RGH12H
24 x 25 grit segment for glue, paint & resin removal - \$175	RGH24
6 x 25 grit arrow segment for glue, paint & epoxy removal - \$149	RGHA

TO SUIT CRETEMOWER/CUB

10" diamond segment grinding plates to suit Crete Mower and CUB machines.



6 x 30/40 grit segment for glue. paint & epoxy removal - \$131	HGH6
10 x 30/40 grit segment for MEDIUM concrete - \$164	HGH10
20 x 30/40 grit segment for general purpose grinding - \$208	HGHGP
20 x 30/40 grit segment for HARD concrete - \$208	НСННС

WEDGE BLOCKS

DIAMOND WEDGE BLOCKS

For use with Flextool and MasterFinish wedge block grinding machines.





4 x 30/40 grit segment for general purpose grinding - \$44	WBGP
4 x 80 grit segment for fine grinding - \$44	WBGP80
4 x 30/40 grit segment for hard concrete - \$44	WBH
3 x arrow segment for glue, paint & epoxy removal - \$47	WBA

CORNER & EDGE GRINDING

Do you find it hard to grind or polish CORNERS, STAIRS, EDGES, CURVES?? Difficult to BEVEL sharp edges?? Smart Diamond Tools has your solution!



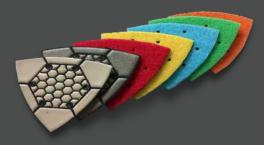
DIAMOND CORNER

For use with die grinders (8mm round shank), Smart's diamond corner grinder makes corners a breeze!
Available in 30, 60 and 120 grits.



METAL BOND TRIANGLE PADS - \$29.00

Triangle shaped diamond grinding pads. Suitable for use on the Metabo Cordless Multi-Tool. Ideal for corners and hard to reach places. Available in 30, 60 and 120 grits.



TRIANGLE POLISHING PADS - \$13.00

Flexible triangle shaped polishing pads with velcro backing. Suitable for use on the Metabo Cordless Multi-Tool. Ideal for corners and hard to reach places. Available in 50, 100, 200, 400, 800, 1500 and 3000 grits.



EDGEMAXX CERAMIC CUP WHEELS - \$119.00

5" ceramic edging cup wheels for blending edge work or reducing scratches from metal bond grinding. Suitable for dry grinding. M14 thread for use on angle grinders. Available in 30, 50, 100 and 200 grits.





DIAMOND ROUTER BITS - \$95.00

Diamond router bits for shaping edges. M14 thread for use on 5" variable speed grinders. Available in 10mm radius or 45 degree angle, both in 30/40 and 120 grits.



METABO DIE GRINDER GE950GPLUS -\$610.00

Light and versatile hand-held variable speed die grinder with spindle lock. Features Metabo's S-automatic safety shutdown, restart protection and removable protective rubber cap. Ideal for use with Smart's diamond corner grinder.

Motor:	950W
No-load speed:	2500-8700rpm
Collar dia:	43mm
Weight:	1.7kg

METABO CORDLESS MULTI-TOOL MT18LTX - \$237.00

Metabo's oscillating cordless multi-tool is suitable for cutting, grinding and polishing. Features VTC electronics to maintain constant speed even under load, quick tool change system and double LED lights. Ideal for use with Smart's corner grinding and polishing pads.

Battery:	18V Li-ion
No-load speed:	7000-18000rpm
Oscillation L/R:	1.6 degrees
Weight:	1.8kg

GRINDING PLUGS

Extra Hard Floor Very Hard Floor Hard Floor Medium Floor Soft Floor Very Soft Floor Extra Soft Floor XHF - Pink **VHF - Blue** HF - Black MF - Red VSF - Green XSF - White Extra Soft Bond Very Soft Bond Medium Bond Hard Bond Very Hard Bond Extra Hard Bond Soft Bond

DIAMOND SEGMENT PLUGS

50mm plugs with 74mm plate for use on Floorex and Terrco grinding machines. 6 x 10mm high diamond segments. Various grits and bonds available.



	Use:	Code:
16 Grit	Extra aggressive HF MF SF VSF - \$87	PD74-16
25 Grit	Aggressive XHF (\$79) HF MF SF VSF - \$83	PD74-25
30/40 Grit	General purpose HF MF SF VSF - \$76	PD74-30
50 Grit	General purpose HF MF - \$76	PD74-50
60 Grit	General purpose HF - \$76	PD74-60
80 Grit	Fine HF MF - \$76	PD74-80
120 Grit	Extra fine HF MF - \$76	PD74-120

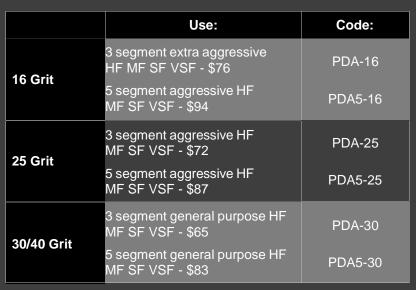
ARROW SEGMENT PLUGS

50mm plugs with 74mm plate for use on Floorex and Terrco grinding machines. Available in 3 x or 5 x 10mm high arrow diamond segments, various grits and bonds.



PCD PLUG - \$142.00

50 mm plug with 3 x PCD segments for VERY aggressive coatings removal. For use on Floorex and Terrco grinding machines.





POLISHING MACHINES



A168P - \$1,490.00 17" (430mm) polishing machine

Low speed, weighted polisher with simple manual control and water feed for polishing or cleaning floors. Features removable water tank. Includes weights, a hard and a soft scrubbing brush, velcro drive board, and a spiked drive board for use with fibre pads.

Voltage:	240V
Motor:	1500W
Speed:	168rpm
Weight:	90kg

ATOUR -	キャラし. し	U
20" (510mm)	burnishing	machine

High speed industrial floor polisher with simple manual control for burnishing floors. Ideal for use with 20" floor buffing / burnishing pads and twister pads.

Voltage:	220-240V
Motor:	1800W
Speed:	1500rpm
Weight:	43kg

POLISHING MACHINES



Polivac SV25 - \$2,450.00

400mm rotary suction sander

The most efficient and reliable floor sander in it's price range, the Sandivac can also be used for scrubbing and stripping applications. Powered by a heavy duty 4 pole electric motor. Features inbuilt vacuum with large capacity collection bag, dust skirt, 15m lead and fully adjustable handle.

Motor:	1.1kw (1.48hp)
Vacuum:	300W
Speed:	187rpm
Weight:	53kg

Polivac GAZ20 - \$5,842

20" high speed gas burnisher

A compact, high speed machine delivering long life and reliability. Fitted with the new Closed Loop Engine Emission technology, it automatically ensures that CO emissions are minimised and maintained at safe levels. Features belt-driven drive, inbuilt vacuum and electric start. 9kg gas bottle not included.

Motor:	9.69kw (13hp)
Speed:	2500rpm
Battery:	12V 20Ah
Noise:	89DB
Weight:	95kg

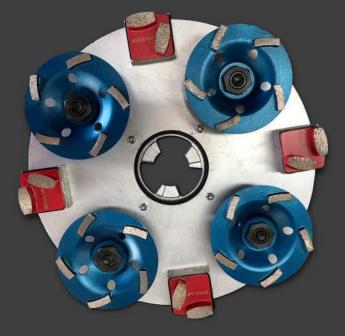
Polivac SL2000 Stingray \$2,615.00

500mm ultra high speed polisher

When you want fast-set, full gloss floors, you can rely on the legendary long life and reliability of this ultra high speed straight-line suction floor burnisher. The Stingray is ideal for large operations and features a belt-driven drive, inbuilt vacuum, 15m lead and fully adjustable handle.

Motor:	1.6kw (2.1hp)
Speed:	1500rpm
Pad Pressure:	10kg
Weight:	46kg

MULTIPLATE- \$499.00





CONVERTSALLOLD& NEWPOLIVAC FLOOR POLISHERS TO A MULTI-PURPOSE CONCRETE PREPARATION MACHINE

- Removes plaster, paint, tile adhesive, etc
- Prepares concrete floors for floor coatings and adhesives
- Grinds concrete
- Polishes concrete

Burnishes concrete

Sands a variety of floor surfaces

Pack includes multiplate, 4 x TCW5MP cup wheels, 4 x BP5 polishing pad holders & 4 holding blocks for slide-on diamonds (diamonds pictured not included)

POLISHING/ BACKING PADS

VELCRO BACKING PADS

For use with our polishing pads. M14 thread. Available in various sizes in plastic/foam or aluminium.



3" (80mm)	Aluminium - \$22	ВРЗА
4" (100mm)	Plastic/foam - \$13 Aluminium - \$24	BP4 BP4A
5" (125mm)	Plastic/foam - \$19 Aluminium - \$45	BP5 BP5A
7" (180mm)	Plastic/foam - \$23 Aluminium - \$49	BP7 BP7A

POLISHING PADS

Diamond impregnated flexible resin pads with velcro backing, suitable for wet or dry polishing of concrete. Thicker pads give longer life. Available in various sizes in the following grits: 50, 100, 200, 400, 800, 1500 and 3000.



3" (80mm)	3mm high - \$8.50	FC33
4" (100mm)	3mm high - \$13	FC43
5" (125mm)	3mm high - \$17 5mm high - \$23	FC53 FC55
7" (180mm)	3mm high - \$38 5mm high - \$42	FC73 FC75
9" (230mm)	10mm high WET ONLY - \$65	FC910W

HEXAGONAL POLISHING PADS

Pure resin, thin flexible pads with velcro backing, suitable for polishing concrete. Gives a high quality finish. Available in two sizes in the following grits: 30, 50, 100, 200, 400, 800, 1500 and 3000.



4" (100mm)	2mm high - \$9	HFC4
5" (125mm)	2.1mm high - \$17	HFC5P

PUCKS/FLOOR PADS

RESIN POLISHING PUCKS - D\$16.95, W\$13

3" (80mm) x 12mm solid resin diamond polishing pads with velcro backing. Use on heavy floor grinders with our velcro slide-on base plates. Available in wet or dry in the following grits: 30, 50, 100, 200, 400, 800, 1500 and 3000.





CHEMICAL BOND POLISHING PUCKS - \$29.50

3" (80mm) x 10mm chemical bond diamond polishing pads with velcro backing. Use on heavy floor grinders with our velcro slide-on base plates. Ideal for removing scratches after metal bond grinding. Available in the following grits: 50, 10, 200, 400, 800, 1500 and 3000.



CERAMIC GRINDING PUCKS - \$32.00

3" (80mm) ceramic grinding discs with velcro backing. Use on heavy floor grinders with our velcro slide-on base plates. Ideal for transitioning between metal bond and resin bond diamonds. Dry grind only. Available in the following grits: 30, 50, 100, 200, 400 and 800.



FLOOR BUFFING / BURNISHING PADS

Floor buffing/burnishing pads specifically designed for concrete. For use on high speed floor polishers and burnishing machines. Available in two sizes and various coarseness levels.



17" (430	Omm)	Hard stripping - \$14.95 Spray buff & polish - \$14.95 Soft polish - \$14.95	FPBLACK FPRED FPWHITE
20" (510	Omm)	Hard stripping - \$17.50 Spray buff & polish - \$17.50 Soft polish - \$17.50	FP20BLACK FP20RED FP20WHITE

TWISTER PADS

Clean and polish floors without using chemicals. Recommended for use on machines up to 3000rpm. Available in 17" and 20" sizes and the following grits: 400, 800, 1500 and 3000.



17" 400R - \$88.90 17" 800W, 1500Y, 3000G - \$78.50 20" 400R - \$103.00 20" 800W, 1500Y, 3000G - \$89.50



SMART DIAMOND TOOLS PTY LTD

Factory 5, 76 Rushdale Street, Knoxfield VIC 3180

Phone: 1800 637 347

Email: sales@smarttools.com.au Web: www.smarttools.com.au

Contact us fora price list today!

FLOOR GRINDING /
POLISHING
PRODUCT
CATALOGUE 2020