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ARPRAN
INDUSTRIES

DIAMOND TOOLS • CONCRETE MACHINES





www.diamondtoolsindia.co.in



ARPRAN

Introduction

We at Arpran stand committed to build relationships based on trust in the Concrete and Construction Industry. We supply the tools and Machinery for this vast Industry. We specialize in the Reinforce and asphalt Tools & Machinery. We specialize in Concrete Cutting Blades; from diameter 250 MM upto diameter 2000 MM. These blades can also be tailor made as per the specification of the customer and based on the strength of the concrete, which they wish to cut. We also supply Diamond Core Drill and loose segments for the core drills. Our Diamond Wire Rope for Reinforced Concrete is manufactured depending upon the strength of the concrete and the steel bars. We supply Wall Cutter, Concrete Polishing Pads, Concrete Floor Polishing Pads, Concrete Grinding Head, Concrete PCD's and Concrete Cup Wheels.

Our latest State of Art technology machines for the Concrete & Construction Industry, are amongst the best in the Industry. The Machines which we mainly focus on include, Core Drill Machines, Walk Behind Power Trolls, Edging Power Trolls, Surface Finishing Screed, Grinding Machine, Polishing Machine and Wall Cutting Machines.

Concrete Cutting Blades

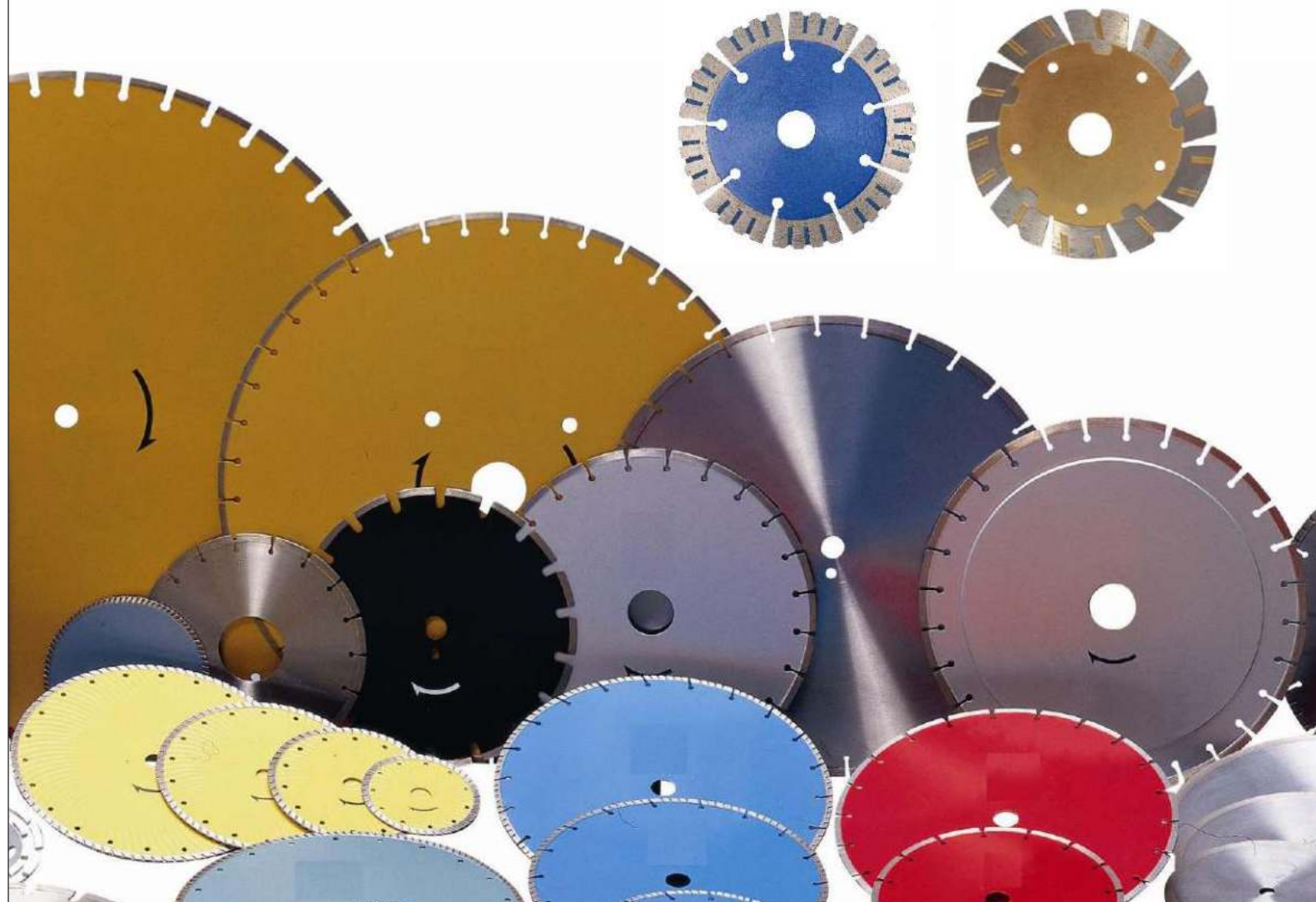
We design these blades keeping in mind the needs of the customer and ensure the following:

- Easy and smooth cutting
- Good cutting results and high efficiency
- Long life span and stable performance
- Fine finish without chipping

Our blades can cut all kinds of Concrete and Asphalt. We can further tailor make the blades, as per the specification of the customer.

We also supply loose segments for these blades for re - tipping.

We use special Steel Blanks for all Concrete and Asphalt application, so as to avoid any cracks in the steel blanks while in use. We also supply special thickness blades and desired sizes of center bore, as per the requirements of the customer.



Laser Welded Saw Blade



Grooving Blade

Feature: Provide constant depth of cut and far fewer blade changes than conventional abrasive blade, its normally used for fast, efficient mortar removal, grout repair and cleaning of concrete.

Outer Diameter (mm)	Outer Diameter (inch)	Bore Diameter (mm)	Segment Height (mm)
105	4"	22.23	8
115	4.5"		8
125	5"		9
150	6"		12
180	7"		14
200	8"		16
230	9"		18

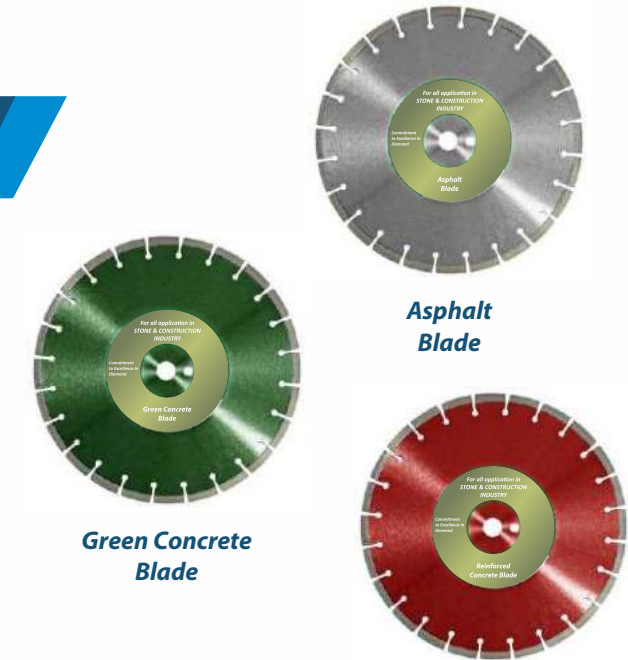


V-Shape Grooving Blade

Feature: Provide constant depth with angle cut on marble, granite, bricks concrete and other material V-shape segment design with diamond embedded wedges for incredible cutting speed and exceptional blade life.

Outer Diameter (mm)	Outer Diameter (inch)	Bore Diameter (mm)	Segment Height (mm)
105	4"	22.23	8
115	4.5"		8
125	5"		9
150	6"		12
180	7"		14
200	8"		16
230	9"		18

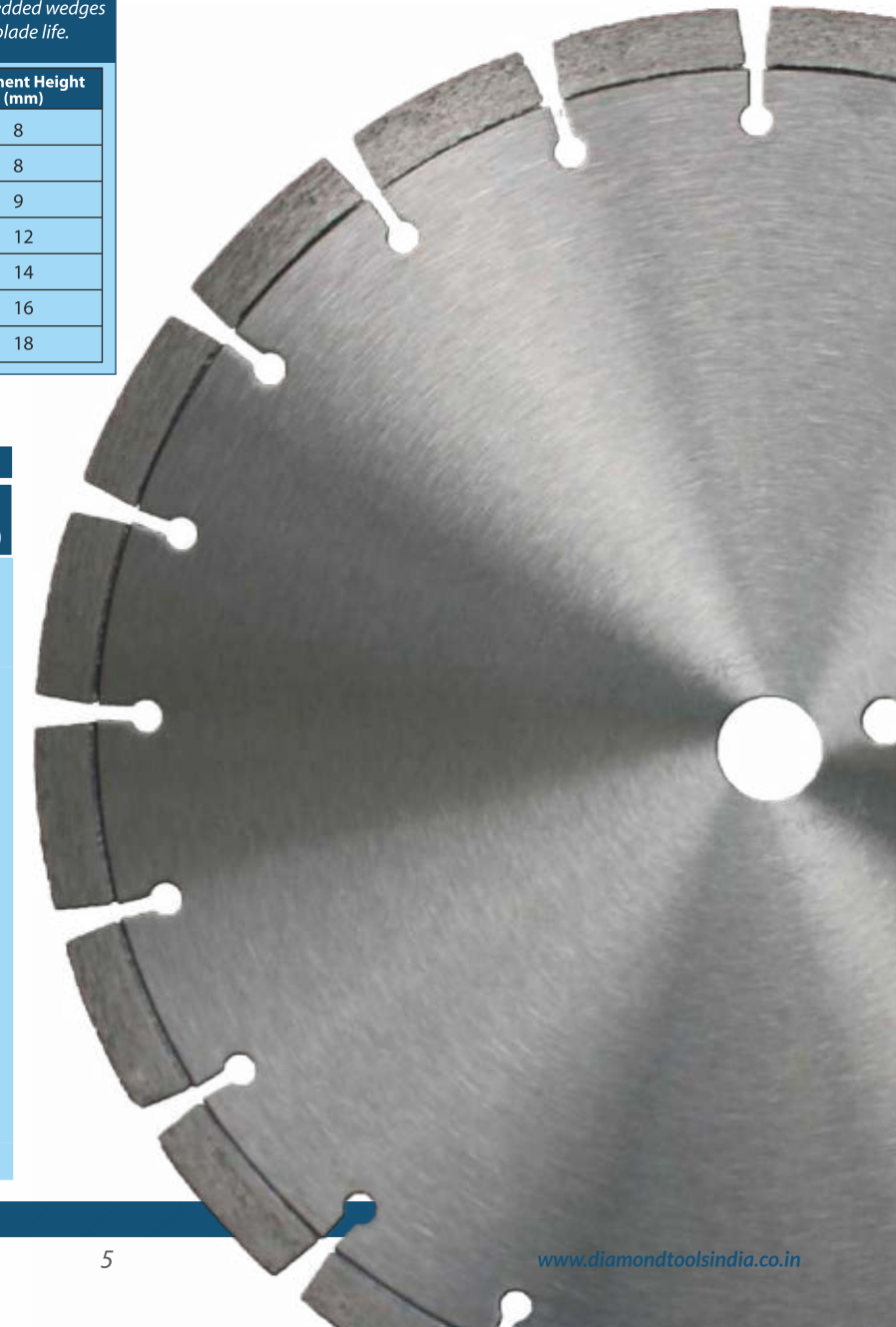
Standard Dimensions				
Diameter		Segment Width (mm)	Segment Height (mm)	Segment Width (mm)
(inch)	(mm)			
4"	105	1.8/2.0	7	22.23/ 25.4/ 50/60
4.5"	115	2.0/2.2	7	
5"	125	2.0/2.2	7	
6"	150	2.0/2.2	7	
7"	180	2.0/2.2	7	
8"	200	2.0/2.2	7	
9"	230	2.4		
10"	250	2.4	10/12	
12"	300	2.4/2.8/3.2	10/12	
14"	350	2.8/3.2	10/12	
16"	400	3.2	10/12	
18"	450	3.4		
20"	500	3.4		
22"	550	4.0		
24"	600	4.0		
25"	625	4.0		
32"	650	4.0		



Green Concrete Blade

Asphalt Blade

Reinforced Concrete Blade



Wire Saw for Concrete Cutting

Wire sawing is a technique that has proven to be an ideal choice for removal of thick sections of concrete. A wire cable with diamond segments is threaded through a series of pulleys and is continuously pulled through the concrete. As Circular Saw Blades cannot operate on concrete structures where cross-section is too large to cut, wire saws are used here and also in other situations where other cutting methods are impractical. The only restriction is the lifting and removal specifications of the job.

Wire sawing is ideal for removing large sections of heavily reinforced concrete, such as piers, towers and bridge sections and cutting concrete in areas where work space is restricted.

The combination of the spinning wire and constant pulling force cuts a path through the concrete and steel reinforcement. Wire saws can cut in any orientation, vertical or horizontal, because the length of wire is flexible and can be made to virtually any length besides the cutting depth which is unlimited. Thus the Wire Saw is the most sorted technique in the Concrete Industry. We assemble 40 beads per meter or 37 beads per meter as per the quality of concrete to be sawn.



Diamond Wire Saw for Concrete Cutting is the most effective and efficient way for sawing large concrete construction and thick concrete walls, especially when extremely thick or awkward sizes need to be cut. Concrete Wire Saw assist in sawing deep depth in heavy reinforced concrete. These Wires are made up of rubber and they almost cut any structure of large concrete where other methods are not feasible. The Wire Saw is also used for cutting and removing reinforced concrete such as big sections, columns or beams. The diamond wire requires free flowing water as coolant, to maintain free cutting and minimize over heating when in operation.



Model	Photo	Specification	Application	Cutting Speed/ Lifetime	Cases
BR1000A		Type: Vacuum Brazed Size: 10.5mm Beads: 44beads/m	1. Pure Steel Cutting 2. heavy reinforced concrete 3. Normal reinforced concrete	2-4sqm/h / 1-2.5sqm/m	1. Cutting stainless pipe with 2m-diameter and 40mm-thickness 2. other pure steel cutting jobs
BR1000D		Type: Vacuum Brazed Size: 10.5mm Beads: 40beads/m	1. Heavy reinforced concrete 2. Normal reinforced concrete	1.5-4sqm/h / 1-2.5sqm/m	1. Cutting reinforced concrete with 50Mpa concrete and 50mm rebars (40pcs on one square meter)
SINS		Type: Sintered Size: 11.5mm / 10.5mm Beads: 40beads/m	1. Heavy reinforced concrete 2. Normal reinforced concrete	1.5-4sqm/h / 1.5-3.0sqm/m	1. Cutting reinforced concrete with 50Mpa concrete and 50mm rebars (40pcs on one square meter)
SINZ		Type: Sintered Size: 11.5mm Beads: 40beads/m	1. Normal reinforced concrete	2-3sqm/h / 1.5-3.0sqm/m	1. Wall cutting, Beam cutting...

Core Drill

Core drilling techniques are used when people in trade require precise, drilled circular holes. Any hole from 12mm to 500mm diameter can be achieved to make openings for plumbing, electrical, telecommunications etc.

Concrete Cutting Advantage:



Knowledgeable contractors recommend and use diamond cutting systems because they can provide significant cost advantages over conventional concrete removal methods. These advantages vary depending on the project but include reduced downtime, precision cutting, maintenance of structural integrity, reduced noise, dust and debris, limited-access cutting and the ability to cut heavily-reinforced concrete. These advantages have revolutionized the concrete cutting industry.

We can supply the complete concrete drill bits form diameter 12mm up to 320mm. The length of the shank is 450mm and the thickness fo the shank varies between 2-3mm.

Diamond Core Bit



O.D/mm	Working length mm	Thread	Thickness of Barrel /mm	Segment size mm	Qty of Segment	Type of Welding
42	450	1-1/4	2.0	24*3.5*10	4	Laser
47	450	1-1/4	2.0	24*3.5*10	5	
52	450	1-1/4	2.0	24*3.5*10	5	
57	450	1-1/4	2.0	24*3.5*10	5	
62	450	1-1/4	2.0	24*3.5*10	6	
67	450	1-1/4	2.0	24*3.5*10	6	
72	450	1-1/4	2.0	24*3.5*10	7	
77	450	1-1/4	2.0	24*3.5*10	7	
82	450	1-1/4	2.0	24*3.5*10	8	
87	450	1-1/4	2.0	24*3.5*10	8	
92	450	1-1/4	2.0	24*3.5*10	8	
97	450	1-1/4	2.0	24*3.5*10	9	
102	450	1-1/4	2.0	24*3.5*10	9	
107	450	1-1/4	2.0	24*3.5*10	9	
112	450	1-1/4	2.0	24*3.5*10	10	
117	450	1-1/4	2.0	24*3.5*10	10	
122	450	1-1/4	2.0	24*3.5*10	10	
127	450	1-1/4	2.0	24*3.5*10	10	
132	450	1-1/4	2.0	24*3.5*10	11	
142	450	1-1/4	2.0	24*3.5*10	11	
152	450	1-1/4	2.0	24*4.0*10	12	
160	450	1-1/4	2.0	24*4.0*10	12	
170	450	1-1/4	2.0	24*4.0*10	13	
180	450	1-1/4	2.0	24*4.0*10	13	
190	450	1-1/4	2.0	24*4.0*10	14	
200	450	1-1/4	2.0	24*4.0*10	15	
220	450	1-1/4	2.5	24*4.0*10	16	
250	450	1-1/4	2.5	24*4.0*10	17	
280	450	1-1/4	2.5	24*4.0*10	19	
300	450	1-1/4	3.0	24*4.5*10	21	
350	450	1-1/4	3.0	24*4.5*10	23	
400	450	1-1/4	3.0	24*4.5*10	25	
450	450	1-1/4	3.0	24*4.5*10	27	
500	450	1-1/4	3.0	24*5.0*10	29	
600	450	1-1/4	3.0	24*5.0*10	31	

Silver
High
Frequency

Core Drill Machines

Diamond core drill is used for drilling holes on reinforced concrete. Its main features are high-efficiency, smooth hole in wall and accurate drilling. This machine is widely used in building construction, airport runway constructions, water, electricity, heat and gas installations, engineering as well as railways and bridges constructions.

Our diamond core drill strictly conforms to the national standards. This machine not only adopts built-in friction clutch but also has soft start, constant power and over-current protection function. Besides, our core drill range is ideal for moving flexibility, economy and durability, safety and reliability, which is effortless and quicker.

Model AEPL Series DSP Series

APEL-200/250/300/350

Drilling Range	-	Φ15-250mm
Rated Voltage	-	110V/220V/240V
Rated Frequency	-	50-60Hz
Rated input power	-	4580W
No-load speed	-	650/230/480/650r/min



APEL-200



APEL-250



APEL-300



APEL-350

Drilling Motor

A specially designed heavy duty 200W motor with three speed for dry and wet drilling in portable & mounted type optional up to 202mm. Smart Led indicator light holds warning of overload, overhead and carbon brush replacement.


Specification


Model AEPL Series	
model No.	1123
Power (w)	2200
Voltage (v)	230 - 120
Current (A)	10-15
N.W (kg.)	7.5 - 7.6
Frequency (Hz)	50-60
Max portable drilling Dia. (mm)	162
Max drilling Dia. & Stand (mm)	202
Speed (Rpm)	650/1300/2600
Spindle thread	1-1/4"UNC & 1/2"G
1,2,3 gear drilling Dia. (mm)	162/82/42
1,2,3 gear drilling Dia. & Stand (mm)	202/102/62
Stand for choice	DSP-162 & DSP-252
Packing size (mm)	635X460X215





Model AEPL Series	
Art No.	1124
Power (w)	2200
Voltage (v)	230 - 120
Current (A)	10-15
N.W (kg.)	7.8 - 7.9
Frequency (Hz)	50-60
Max portable drilling Dia. (mm)	162
Max drilling Dia. & Stand (mm)	202
Speed (Rpm)	650/1300/2600
Spindle thread	1-1/4"UNC & 1/2"G
1,2,3 gear drilling Dia. (mm)	162/82/42
1,2,3 gear drilling Dia. & Stand (mm)	202/102/62
Stand for choice	DSP-162 & DSP-252
Packing size (mm)	635X460X215

Model DSP Series

	Model Number	DSP-162
	Art No.	1070162
	Description	Max ø202mm Column: 60x62x850mm, Travel Length: 510mm Mounting : 60mm bracket
	N.W KG	11.5
	Dimension cm	950x370x210

	Model Number	DSP-252
	Art No.	1070252
	Description	Max ø252mm Column: 60x62x900mm, Travel Length: 580mm Mounting : 60mm bracket and 60mm More Plate
	N.W KG	13.5
	Dimension cm	1010x420x230

	Model Number	DSP-352
	Art No.	1070352
	Description	Max ø352mm, Column: 80x75x1000mm Travel Length: 610mm, Mounting : ø60mm bracket
	N.W KG	18.5
	Dimension cm	1115x430x260

	Model Number	DSP-500
	Art No.	1070500
	Description	Max ø500mm Column: 80x75x1000mm Travel Length: 650mm Mounting : 1x11060mm motor Plate
	N.W KG	19.5
	Dimension cm	1115x430x260



Concrete Polishing Pads

Selecting the right diamond polishing pad for the concrete counter tops is the most essential element for getting a good finish of the concrete with high gloss. We can supply the Polishing Pads for wet and dry application.

Item No.	SA - P01
Diameter	4"/100MM, 5"/125MM
Thickness MM	8MM
Grit	1# 2# 3#

Pads are designed to remove lippage. Works great on grinding hard/soft/concrete. Have quick speed and long life.

High quality & quantity of diamonds are used in these pads.

3 STEP CONCRETE POLISHING PAD



Item No.	SA - P02
Diameter	4"/100MM, 5"/125MM
Thickness MM	5MM
Grit	1# 2# 3#

Pads are designed to remove lippage. Works great on grinding hard/soft/concrete. Have quick speed and long life.

High quality & quantity of diamonds are used in these pads.

3 STEP CONCRETE POLISHING PAD



Item No.	SA - P03
Diameter	4"/100MM, 5"/125MM
Thickness MM	8MM
Grit	50# 100# 200# 400# 800# 1500# 3000#

Pads are designed to remove lippage. Works great on grinding hard/soft/concrete. Have quick speed and long life.

High quality & quantity of diamonds are used in these pads.

7 STEP CONCRETE POLISHING PAD



Item No.	SA-P04
Diameter	4"/100MM, 5"/125MM
Thickness MM	8MM
Grit	50# 100# 200# 400# 800# 1500# 3000#

Pads are designed to remove lippage. Works great on grinding hard/soft/concrete. Have quick speed and long life.

High quality & quantity of diamonds are used in these pads.

7 STEP CONCRETE POLISHING PAD





Concrete Floor Polishing Pads

Suitable for grinding and polishing concrete surface.
 Our Diamond floor polishing pads are manufactured with high quality and quantity of diamonds enabling high quality finish of the concrete floors.
 We can supply the Polishing Pads for wet and dry application.

CONCRETE POLISHING PAD FOR HIGH GLOSS



Item No.	SA - D01
Diameter	3"/80MM, 4"/100MM
Thickness MM	10MM
Grit	50# 100# 200# 400# 800# 1500# 3000#

Pads are designed to remove lippage. Works great on grinding hard/soft/concrete. Have quick speed and long life.

CONCRETE POLISHING PAD NORMAL GLOSS



Item No.	SA - D02
Diameter	3"/80MM, 4"/100MM
Thickness MM	10MM
Grit	50# 100# 200# 400# 800# 1500# 3000#

Pads are designed to remove lippage. Works great on grinding hard/soft/concrete. Have quick speed and long life.



Concrete Metal Bond

For coarse grinding of concrete and to remove the old surface of the bumps to get a smooth surface. The smoothness of the surface finish of the floor is determined by the quality of the diamond used. The life of the segments is controlled by the hardness of the bond.

Concrete Metal Bond



CMB 01



CMB 02



CMB 03



CMB 04



CMB 05



CMB 06



CMB 07



CMB 08



CMB 09

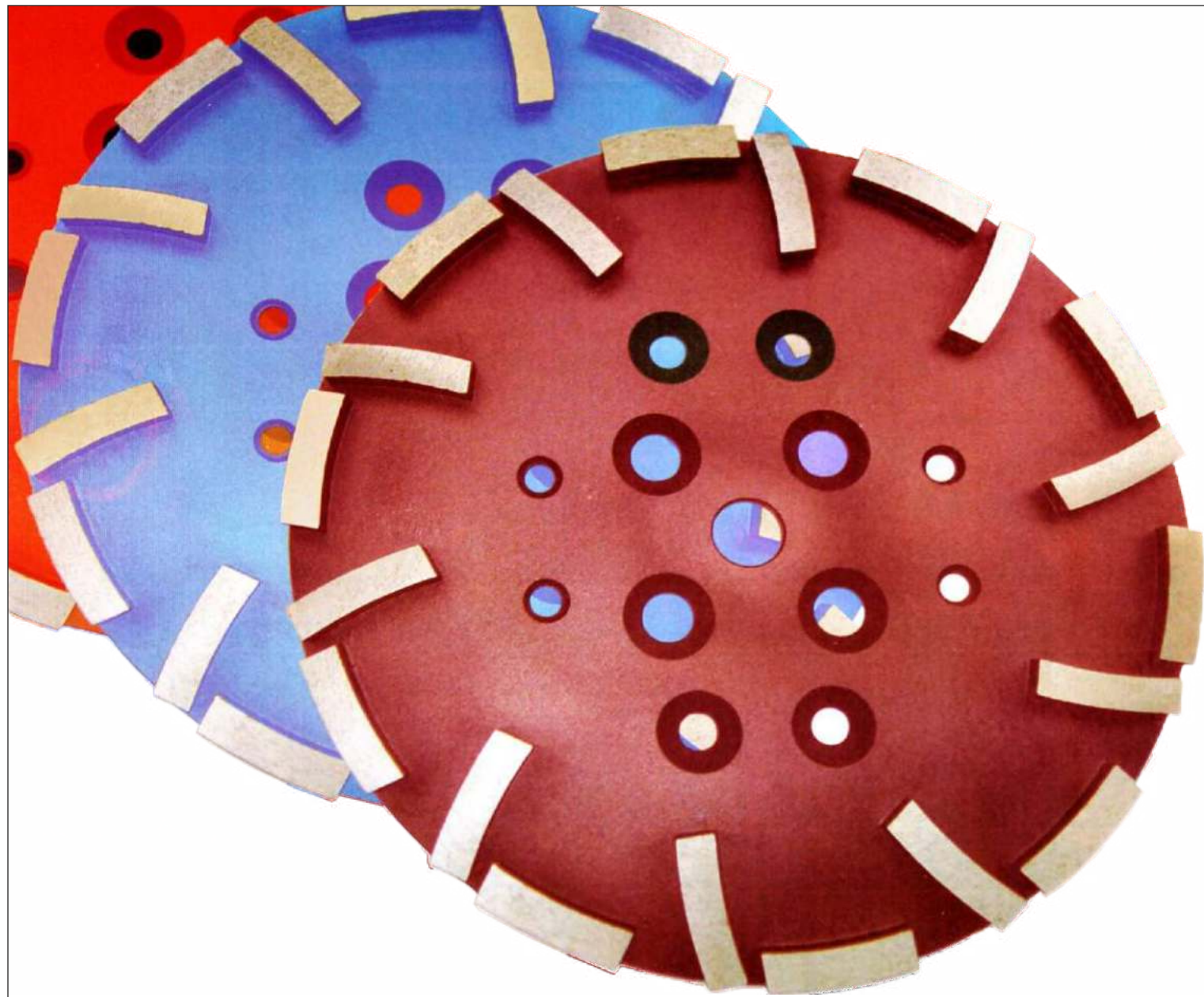
Segments	Size Diamond Grit	Concrete	Bond	Application
40x10x10 40x12x12	Coarse 16/18/25/30/40 Medium 40/60# Fine 80/120/150/170/200	Soft Medium Hard	Hard Bond Medium Bond Soft Bond	Wet / Dry

Application: Concrete of different hardness

Bond: Soft, Medium, Hard

Features:

1. High quality for long life
2. Removes thin coating materials with ease
3. Designed to work aggressively
4. Smoothens and levels high spots
5. If the concrete is hard use a soft bond segment and if the concrete is soft then use the hard bond segment.



Concrete Grinding Head

Fast efficient heavy duty removal of humps mastic, thin-set, self-leveling compounds and various light coating concrete floor.



CONCRETE GRINDING HEAD

Item No.	Diameter	Segments Size	Arbor	Diamond Grit		
				Coarse	Medium	Fine
SA-GH01	250	40*12*12mm	19	35/40	50/60	100/120
		40*10*10mm				

Application: For soft to abrasive concrete

Features: Fits on single & double head floor grinder for grinding concrete floor with high-production results, rendering a smoother finish on rough or uneven concrete surface. These are fast and efficient and used for heavy duty removal of lumps.



GRINDING HEAD

Item No.	Diameter	Segments Size	Arbor	Diamond Grit		
				Coarse	Medium	Fine
SA-GH03	250	40*12*12mm	19	35/40	50/60	100/120
		40*10*10mm				

Application: For soft to abrasive concrete

Features: Fits on single & double head floor grinder for grinding concrete floor with high-production results, rendering a smoother finish on rough or uneven concrete surface. These are fast and efficient and used for heavy duty removal of lumps.



Concrete Cup Wheel

Cup wheel is ideal for beveling, smoothing and shaping masonry material on all types of concrete. These are used to grind the concrete. We supply different grades of segments for the cup wheel depending upon the hardness of the concrete. There are coarse grinding & fine grinding grades of the concrete cup wheel segments.



SILVER BRAZED DOUBLE ROW CUP WHEEL

Item No.	Diameter (MM)		Segment Thickness	Arbor
	Metric (MM)	Inch		
SA-CCW 02	105	4"	5	22.23/M14
	115	1.5"	5	22.23/M14
	125	5"	5	22.23/M14
	150	6"	5	22.23/M14
	180	7"	5	22.23/M14

Features: The Silver brazed cup wheel is ideal for beveling, smoothing and shaping

Application: Concrete products, masonry material Ideal for aggressive grinding and chamfering.

Machinery : Angle Grinder

Different arbor sizes and segment specification available upon request.



Concrete PCD (Poly Crystalline Diamond)

This removes all types of coatings such as paint, varnish, glue, epoxy, acrylic, screed residue, mastic, black tar adhesive as well as thick rubbery materials on the floor and are highly efficient for the toughest situation. These tools are designed to remove coating over surface equal to a troweled surface and at the same time do not damage the concrete.

CONCRETE CUP WHEEL PCD



Model Number	SA-PCD-02
Size	100mm, 125mm, 150mm, 180mm
Material	Diamond
Segment no.	2
Segment Size	1/2PCD, 1/4PCD
Teeth No.	1T, 2T, 3T
Shape	Twin/Triple-1/2PCD, Twin-1/4PCD

1. Used for floor coating removal, epoxy and paint grinding, widely used in many grinding applications, like removal of epoxy, glue and resin off concrete floor, rough, oil paint removal.
2. Application: epoxy, glue, paint, concrete floors.
3. Ideal for grinding rough floor, surface of the hard concrete, epoxy and paint grinding.
4. Splits PCD plates designed for large area with thick glue. Epoxy removals and bond could be changeable for hard floors.

CONCRETE PCD

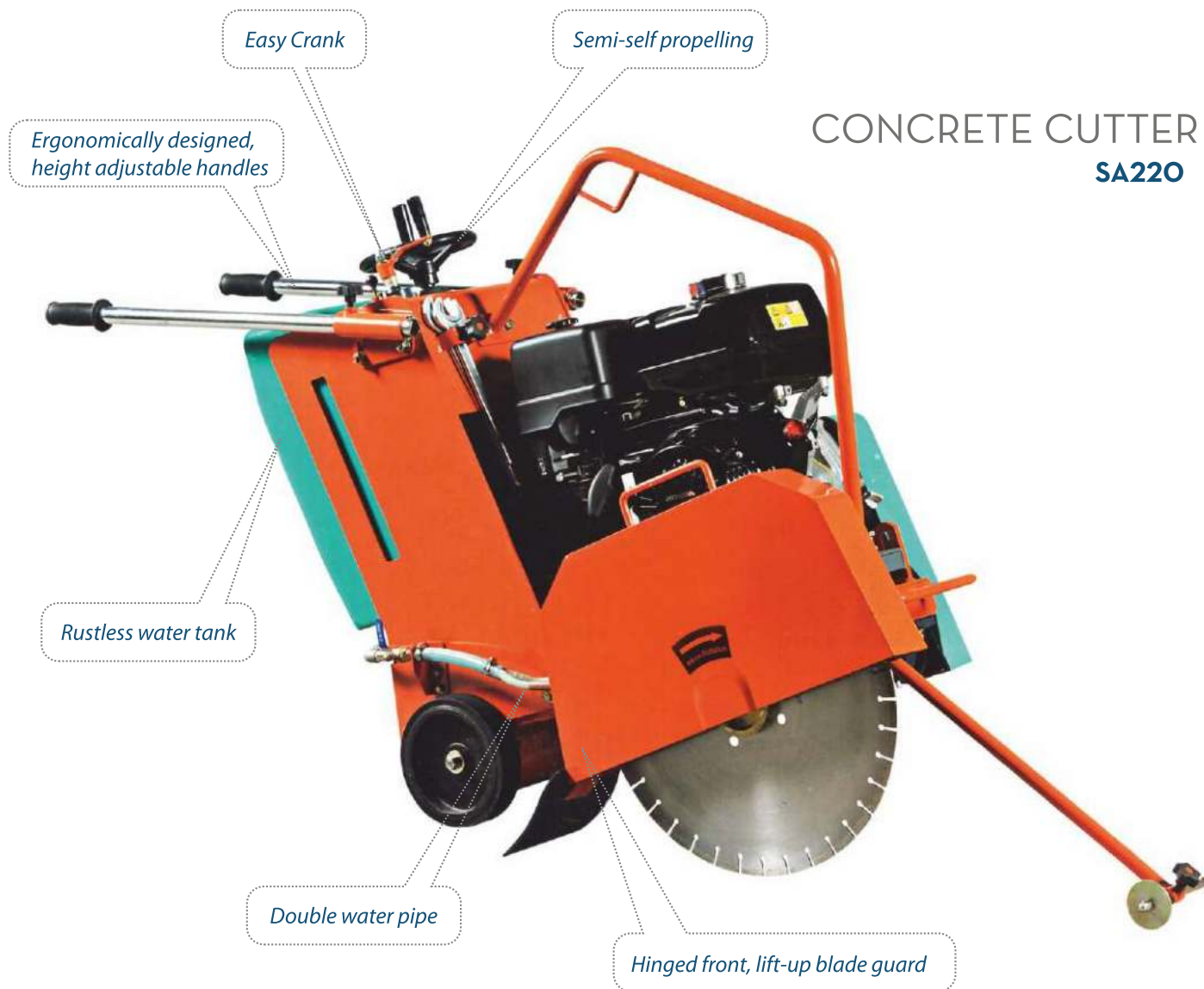


Model Number	SA-PCD-02
Size	100mm, 125mm, 150mm, 180mm
Material	Diamond
Segment no.	2
Segment Size	1/2PCD, 1/4PCD
Teeth No.	1T, 2T, 3T
Shape	Twin/Triple-1/2PCD, Twin-1/4PCD

1. Used for floor coating removal, epoxy and paint grinding, widely used in many grinding applications, like removal of epoxy, glue and resin off concrete floor, rough, oil paint removal.
2. Application: epoxy, glue, paint, concrete floors.
3. Ideal for grinding rough floor, surface of the hard concrete, epoxy and paint grinding.
4. Splits PCD plates designed for large area with thick glue. Epoxy removals and bond could be changeable for hard floors.

Floor/Road Cutting Machine

Stone Age Flat Saws are reliable, productive machines ranging from small and agile to big and powerful. Designed to secure maximum performance with a minimum of strain, all our flat saws provide class-leading power and torque at the blade shaft, which means greater productivity when deep sawing.



CONCRETE CUTTER
SA220

FLOOR/ROAD CUTTING MACHINE
SA120/SA140/SA180/SA220/SA260 Series

Features

- Super-rigid box frame ensures straight cuts while resisting warping and vibration--prolongs saw life; extends blade life.
- Ergonomically designed, height adjustable handles with comfortable grips
- Easy crank for raising/lowering cutting depth
- Hinged front, lift-up blade guard is designed to provide easy blade replacement
- Rustless water tank provides an optimum flow and volume of water to the blade
- Double water pipe for cooling both sides of the blade
- Semi-self propelling for large model SA220, SA260

Technical Specification

Model	SA220-1	SA220-2	SA220-3	SA220-4
Engine Type	Diesel KM186F	Petrol Engine	Robin EX40	Honda GX390
Power kw(hp)	6.6(9.0)	9.6 (13.0)	10.3 (14)	9.6 (13.0)
Weight kg (lbs)	161(354)	145 (319)	146.5 (322)	145 (319)
Max. cutting Depth (cm)	20	20	20	20
Blade Size (cm)	35-50	35-50	35-50	35-50
Depth adjustment	Handle Rotation	Handle Rotation	Handle Rotation	Handle Rotation
Driving	Semi-self Propelled	Semi-self Propelled	Semi-self Propelled	Semi-self Propelled
Water Tank Capacity (Ltrs)	46	46	46	46



Wall Cutter Machine - Semi Automatic

Wall cutter is mainly used for cutting narrow grooves on the walls of the reinforced concrete. It also can also be used for transformation, reinforcement and the design change of the old building. In addition, the wall cutter can cut the door, window and the lift with a result of no damage, and also saves time, resource and expense.

Our cutting machine is using the heavy industry double insulation and high power engine with the reducer, which have low failure rate besides long service life and the saves maintenance cost. The special mechanical clutch protection device effectively avoids the damage of the machine and personnel. The machine has manual and automatic cutting control device, which can accelerate the construction speed and also reduces the labor intensity of operator.

Features

- Wall sawing blades can be of different diameter, as per the requirement of the customer and the depth to be cut in the wall.
- Wall Sawing is done with the use of a circular saw blade and is an application which requires special care. These blades require special protection and are manufactured with precise requisites.
- Wall sawing employs a circular blade on a track-mounted machine. The track is attached to vertical walls or steep inclines, or floors, which will not permit the use of flat saws. Wall or track sawing is typically specified to cut precise dimensional door, vent and window openings. Straight as well as bevel cuts are possible with the wall saw. The wall saw is also an excellent choice for creating precise openings in any concrete structure.
- The diamond wall saw blade consists of a circular steel core with diamond segments attached to the periphery. The blade is mounted on the spindle of the wall saw. The spindle runs along the wall saw track that is typically bolted to the cutting surface. The power source for a wall saw system is either hydraulic, air or electric. Wall saw blades can range anywhere from 450mm till 1800mm.

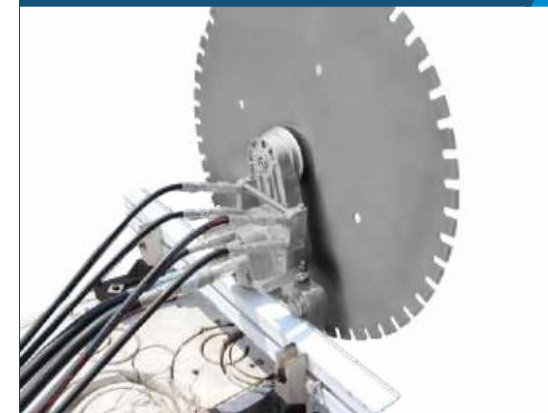


SA - 1000	Wall Cutter
Rated Voltage	- 110V/220V/240V
Rated Frequency	- 50-60Hz
Rated Input power	- 5880W
Blade Diameter	- 300mm-1000mm
Max. cutting depth	- 420mm

Hydraulic Concrete Wall Cutting Machine



Wall Cutting Blade



HYDRAULIC WALL CUTTER POWER UNIT

Product model	KCY-HDD-39	KCY-HDD-45
Rated input power	30(KW)	43(KW)
Hydraulic pump form	Gear	Gear
Hydraulic pump quantity	3	3
Motor form	3 phase water cooling	3 phase water cooling
Rated voltage	380 400 480	380 400 480
Rated frequency	50/60Hz	50/60Hz
Current overload	47(A)	63(A)
Voltage socket(16A)	1(250V)	1(250V)
Length	518mm	518mm
Width	320mm	320mm
Height	675mm	675mm
Gross weight	160kg(with oil)	170kg(with oil)
Optional	Digital remote control	Digital remote control
	Frequency conversion control	Frequency conversion control

FULL HYDRAULIC WALL CUTTER

Product model	KCY-KD-20	KCY-KD-22
Max saw blade dia	1800mm	2200mm
Max cutting depth	815mm	1015mm
Max start blade	1000mm	1200mm
Saw blade mounting form	Quick installation	Quick installation
Saw blade arbor dia	60mm	60mm
Cantilever angle	360°	360°
Torque force	340Nm	400Nm
Speed 1st	590rpm	590rpm
Speed 2nd	850rpm	850rpm
Speed 3rd	1020rpm	1020rpm
Speed 4th	1300rpm	1300rpm
Cutting motor weight	27kg	29kg
	φ130mm,6×M8	φ130mm,6×M8
	φ110mm,6×M10	φ110mm,6×M10
	φ108mm,6×M10	φ108mm,6×M10

Walk Behind Power Trowels

Engineered for the concrete professional, designed to produce high tolerance concrete floors with high-quality features. With high quality attention to details, our trowels will provide high performance and service for long time.

WALK-BEHIND POWER TROWELS SA436/SA442/SA446 Series



Features

- Over-built cast aluminum gearbox assures long service life.
- Heavy-weight design to assure a superior finish.
- Heavy-duty gear for extra long-life.
- Perfectly balanced design for easy and comfortable operation.
- Height adjustable handle, assures comfort & easy control for the operator.
- Lifting tube as a standard feature allows trowel to be transported on the job-site with the help of only two people.
- Dead-man switch, shuts the engine down in the event of the operator losing control over the unit.
- Twist knob control ensures precise blade adjustment.
- Safety designed guard ring assures the safety of the people.
- Stabilizer Ring reduces blade chatter.
- Optional Blue Blade is with stronger material than standard blades, with improved performance and prolonged blade life.
- Optional plastic blade leaves no burnish marks on the floor.

Technical Specification

Model	SA436-2	SA436-3	SA436-4
Engine Type	Petrol Engine	Robin EX17	Honda GX160
Power kw(hp)	4.8 (6.5)	4.2 (5.7)	4.0 (5.5)
Weight kg (lbs)	81 (178)	80 (176)	80 (176)
Blade Speed rpm	70-150	70-150	70-150
Rotor Dia. Cm (in)	92 (36)	92 (36)	92 (36)



Model	SA442-2	SA442-3	SA442-4
Engine Type	Petrol Engine	Robin EX17	Honda GX160
Power kw(hp)	6.6 (9.0)	6.6 (9.0)	6.6 (9.0)
Weight kg (lbs)	98 (216)	94 (207)	98 (216)
Blade Speed rpm	70-145	70-145	70-145
Rotor Dia. Cm (in)	110 (42)	110 (42)	110 (42)



Model	SA446-2	SA446-3	SA446-4
Engine Type	Petrol Engine	Robin EX17	Honda GX160
Power kw(hp)	6.6 (9.0)	6.6 (9.0)	6.6 (9.0)
Weight kg (lbs)	100 (220)	96 (211)	100 (220)
Blade Speed rpm	70-145	70-145	70-145
Rotor Dia. Cm (in)	116 (46)	116 (46)	116 (46)

Edging Power Trowels

Ideal for troweling edge areas, around pillars and for smaller surfaces.
Designed for the tightest edge-to edge performance and take anywhere transport capability with fold-up.

EDGING POWER TROWELS SA424/430 Series



SA424

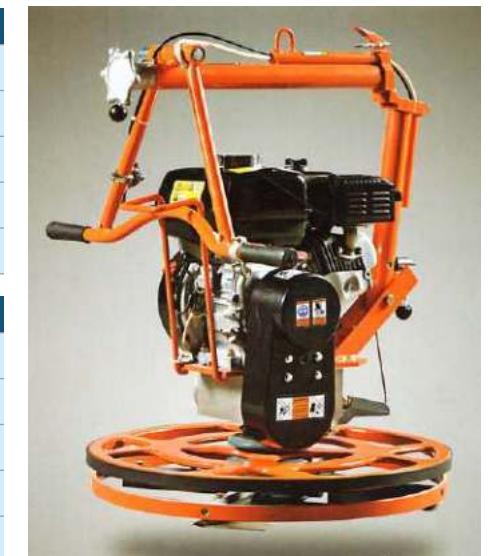
Features

- Independent rotating flywheel, allowing operation in tight corners and in confined Spaces.
- Foldable handle easy for transportation and storage.
- Over-built gearbox assures long service life.
- Heavy-weight design to assure a superior finish.
- Height adjustable handle, assures operator comfort & easy control.
- Dead-man switch, shuts the engine down in the event of the operator losing control of the people.
- Twist knob control ensures precise blade adjustment.
- Lifting hook for easy transport as standard.
- Closed design of guard ensures safety operation.
- Optional Blue Blade is with stronger material than the standard blade. Performance is improved and the blade life is prolonged.
- Optional plastic blade leaves no burnish marks on the floor.

Technical Specification

Model	SA424-2	SA424-3	SA424-4
Engine Type	Petrol Engine	Robin Ex17	Honda Gx160
Power kw(hp)	4.8(6.5)	4.2(5.7)	4.0(5.5)
Weight kg (lbs)	60 (131)	60 (131)	59 (130)
Blade Speed rpm	70-150	70-150	70-150
Rotor Dia. Cm (in)	60 (24)	60 (24)	60 (24)

Model	SA430-2	SA430-3	SA430-4
Engine Type	Petrol Engine	Robin Ex17	Honda Gx160
Power kw(hp)	4.8(6.5)	4.2(5.7)	4.0(5.5)
Weight kg (lbs)	76 (167)	75 (165)	75 (165)
Blade Speed rpm	70-150	70-150	70-150
Rotor Dia. Cm (in)	79 (30)	79 (30)	79 (30)



Foldable handel easy for transportation and storage.
Lifting hook for easy transport as standard.

Surface Finishing Screed

Lightweight engineered, easy to transport and operate. Fast and easy to use, with powerful engine, provides uniform vibration over the entire blade length and enhances concrete compaction. High frequency vibration disperses and levels concrete without build-up.



**SURFACE FINISHING SCREED
CSD**

Features

- Specially design, hardened aluminum blade ensuring a smoother finish than conventional screeds.
- Ergonomically designed and 360° adjustable handles with comfortable grips.
- Heavy rubber mounts to reduce the vibration level on the handle.
- The rounded ends of the blade make it easy to go around obstacles.
- The tilt-up stand keeps the engine out of concrete or off the ground obstacles.
- One piece casting body easy connect to engine.
- Emergency stop switch available.
- 7 different working widths: 4ft/1.2m, 6ft/1.8m, 8ft/2.4m, 10ft/3.0m, 12ft/3.7m, 14ft/4.5m, 16ft/4.9m
- Easily changeable blades.



Technical Specification

Model	SAI - 2	SAI - 3	SAI - 4
Engine Type	Petrol	Robin	Honda
Power kw(hp)	1.4 (1.9)	1.2 (1.6)	1.2 (1.6)
Weight kg (lbs)	12.7 (28)	12.9 (28.4)	12.9 (28.4)

Blade Model	SA B4	SA B6	SA B8	SA B10	SA B12	SA B14	SA B16
Blade Size (ft)	1.2 (4)	1.8 (6)	2.4 (8)	3.0 (10)	3.7 (12)	4.3 (14)	4.9 (16)
Weight kg (lbs)	2.9 (6.4)	4.4 (9.6)	5.8 (12.8)	7.3 (16)	8.7 (19.2)	10.2 (22.4)	11.6 (25.6)

Check Rod

Vibrating Check Rod

Oscillation mechanism to allow work in both directions, produce very accurate level without the need of guiding rails.

It is designed to reduce time spent in leveling and economic finishing of large areas of concrete.

The vibration of the blade improves the consolidation of the concrete and reduces time spent by "check rod" on the concrete surface.



Features

- The blade produced from hollow section aluminum extrusion with convex profiled sole, is specially designed for the pushing and pulling of concrete.
- Clip together handle offer a maximum reach of 9 meters with 6 sections.
- Ergonomically design reduces physical effort and fatigue.
- Low cost to purchase and maintenance.
- Easy cleaning and transportation.

Technical Specification

Model	SA300E
Engine Type	Electric Motor
Power kw(hp)	0.07(0.09)
Weight kg (lbs)	18 (40)
Blade Length m(ft)	3.0(10)
Handle Length	6.0 (20) to 9.0 (27)

Diamond Hydraulic Wire Saw Machine

for Concrete Cutting

SPECIFICATION

1. Safety Guard
2. Height: 1760mm
3. Two drive motor
4. Wire saw frame including track
5. Motor out power:25kw
6. Power supply 380 V, 60HZ
7. Hydraulic Power Pack with wireless remote control



SPECIFICATION

Driving	Electric
Tensioning	Electric
Rated Power	18.5KW
Voltage	AC380±10%-50HZ
	Customized
Speed	26m/s
Max Tension	230kg
OD Of Driving Pulley	500mm
Track Length	1300mmD
Dimension (mm)	2200(L), 800(W) , 880(H)
Weight	420kg
Temperature	-15°C—45°C

ELECTRICAL WIRE SAW MACHINE

