

GRINDING GUIDE

FOR A **PERFECT**
GRINDING RESULT



SCANMASKIN
MACHINES-MINERALS-KNOW-HOW



CONTENT

MACHINES

Grinding machines	4
Industrial vacuums	10
Scarifiers	12
Floor strippers	15
Shot blaster	16
Power trowels	17
Burnisher	17

TOOLS

Coating removal	18
Steel tools	19
Hardwood tools	18
Concrete grinding tools	20
Polishing tools	24
Chemicals	27

GRINDING GUIDE

World Series Floor - Basics steps	30
World Series Floor - High finish	32
World Series Floor - Very high finish	32
World Series Floor - Matte finish	34
Grinding of granite, marble and natural stone	34
Grinding techniques	35
Bridges, garages and parking areas	36
Hardwood floors	37
Removal work and floor preparation	38

SCAN COMBIFLEX 330

516000 SCAN COMBIFLEX 330 230V 1-PHASE | 516070 SCAN COMBIFLEX 110 V 1-PHASE | 516055 SCAN COMBIFLEX 330 400 V 3-PHASE | 516503 SCAN COMBIFLEX 330RS 230 V 1-PHASE | 516502 SCAN COMBIFLEX 330RS 110 V 1-PHASE | 516505 SCAN COMBIFLEX 330 RS 400 V 3-PHASE

The Scan Combiflex 330 (SC-330) is a powerful and easy to use machine, and is one of the most versatile machines on the market. The 330 mm / 13 inch single grinding disc is effective for grinding smaller areas, edging long stretches of the floor, lite coating removal and surface prep. A simple and quick adjustment allows the operator to change the configuration of the SC-330 from a small grinder into an edger.

The 330 mm / 13 inch disc on the SC-330 can be configured with 3, 6, or 9 of our metal, ceramic, or resin bond diamond tools. This allows the machine to cut more aggressively when necessary, or grind softer surfaces by spreading out the weight and using more tools. For smooth and simple transport, the SC-330 can easily be separated into two parts, each weighing well under 100 lbs.

The ScanCombiflex 330 is available in several different power configurations, along as single and variable speed (RS - regulated speed).

An optional 14.5 kg / 32 lbs weight is available for Scan Combiflex 330 and increases productivity in most cases.

TECHNICAL DATA

	SCAN COMBIFLEX 330 1-PHASE		SCAN COMBIFLEX 330 RS 1-PHASE	
Voltage:	110-120 V 1~	220-240 V 1~	110-120 V 1~	220-240 V 1~
Motor power:	1,5 kW / 2 hp	1,5 kW / 2 hp	1,1 kW / 1,4 hp	1,5 kW / 2 hp
Current:	20 Amp	10 Amp	15 Amp	10 Amp
Frequency:	60 Hz	50 Hz	60 Hz	50 Hz
Grinding speed:	750 rpm	600 rpm	150-400 rpm	250-750 rpm
Grinding disc:	1 x 330 mm / 1 x 13"	1 x 330 mm / 1 x 13"	1 x 330 mm / 1 x 13"	1 x 330 mm / 1 x 13"
Grinding width:	330 mm / 13"	330 mm / 13"	330 mm / 13"	330 mm / 13"
Weight:	65 kg / 143 lbs	65 kg / 143 lbs	70 kg / 154 lbs	70 kg / 154 lbs
Other:	CE-marking	CE-marking	CE-marking	CE-marking
	SCAN COMBIFLEX 330 3-PHASE		SCAN COMBIFLEX 330 RS 3-PHASE	
Voltage:	400 V 3~		400 V 3~	
Motor power:	4 kW / 5 hp		4 kW / 5 hp	
Current:	16 Amp		16 Amp	
Frequency:	50-60 Hz		50-60 Hz	
Grinding speed:	1430 rpm		250-1500 rpm	
Grinding disc:	1 x 330 mm / 1 x 13"		1 x 330 mm / 1 x 13"	
Grinding width:	330 mm / 13"		330 mm / 13"	
Weight:	65 kg / 143 lbs		70 kg / 154 lbs	
Other:	CE-marking		CE-marking	
Recommended vacuum:	Scan Dust 2900		Scan Dust 2900	



SCANMASKIN 18

524580 SCANMASKIN 18 110 V 1-PHASE | 524518 SCANMASKIN 18 230 V 1-PHASE

The Scanmaskin 18 is designed to grind and sand different types of wood and concrete surfaces. This includes painted and damaged or old wood flooring along with new installations. The Scanmaskin 18 is a great solution for grinding both plank flooring and parquet floors.

Thanks to its size, the Scanmaskin 18 is a very smooth machine that you can easily get close to the wall. It is also equipped with adjustable speed so you can adjust your speed depending on the surface and tooling being used. Adjustable speed is important to have when sanding wooden floors or grinding and polishing concrete.

There's a large selection of tooling that can be used on the machine, mounted with either velcro holders or our custom ScanOn attachment. The ScanOn attachment system makes it quick and easy to change tooling. For smooth and simple transport, the Scanmaskin 18 separates into two compact pieces that can be loaded into a large car trunk.

An optional 22.5 kg / 50 lbs weight is also available and increases productivity in most cases.

TECHNICAL DATA

Available in two versions: 110-120 V, max 15 Amp or 220-240V, 12 Amp.

Voltage:	110-120 V 1~	220-240 V 1~
Motor power:	1,1 kW / 1,4 hp	2,2 kW / 2,9 hp
Current:	15 Amp	12 Amp
Frequency:	50-60 Hz	50-60 Hz
Grinding speed:	200-500 rpm	300-750 rpm
Grinding disc:	3 x 160 mm / 3 x 6,5"	3 x 160 mm / 3 x 6,5"
Grinding width:	450 mm / 18"	450 mm / 18"
Weight:	95 kg / 210 lbs (grinding unit 65 kg / 145 lbs + handle 30 kg / 66 lbs)	95 kg / 210 lbs (grinding unit 65 kg / 145 lbs + handle 30 kg / 66 lbs)
Other:	CE-marking	CE-marking
Recommended vacuum:	Scan Dust 2900	Scan Dust 2900



SCAN COMBIFLEX 450

524505 SCAN COMBIFLEX 450 230 V 1-PHASE | 524511 SCANCOMBIFLEX 450, 110 V 1-PHASE

The Scan Combiflex 450 (SC 450) is a floor grinder which combines a small footprint with high productivity. It's similar to the Scanmaskin 18, but does not have variable speed or multi direction grinding heads. It is a versatile grinder for both aggressive and fine grinding of concrete and natural stone surfaces, and also very effective in removing thin coatings such as paint and dried carpet residues.

The SC 450 is a flexible and easy to use grinding machine, perfect for the rental market and smaller sized jobs with space constraints. This grinder is light yet durable, being constructed almost 100% from steel. The spring-steel flex heads reduces vibrations, and allows the machine to grind rough surfaces with minimal effort for the operator.

An optional 22.5 kg / 50 lbs weight is available and increases productivity in most cases.

TECHNICAL DATA

Available in two versions: 110 V 1~ - 20 Amp and 230 V 1~ - 12 Amp.

Voltage:	110-120 V 1~	230 V 1~
Motor power:	1,5 kW / 2 hp	2,2 kW / 2,9 hp
Current:	20 Amp	12 Amp
Frequency:	60 Hz	50 Hz
Grinding speed:	875 rpm	730 rpm
Grinding disc:	3 x 160 mm / 3 x 6,5"	3 x 160 mm / 3 x 6,5"
Grinding width:	450 mm / 17,5"	450 mm / 17,5"
Weight:	90 kg / 198 lbs	100 kg / 220 lbs
Other:	CE-marking	CE-marking
Recommended vacuum:	Scan Dust 2900	Scan Dust 2900



SCAN COMBIFLEX 450NS

524502 SCAN COMBIFLEX 450NS 230 V 1-PHASE

The Scan Combiflex 450 NS (SC 450 NS) combines a compact size with power and high efficiency. The SC 450 NS comes standard with a built-in water tank for wet grinding, which makes this machine great for grinding of terrazzo and eliminates the need for an external water source.

SC 450 NS is flexible, easy to use, and suitable for both the rental market and smaller sized jobs with space constraints. The SC 450 NS also features variable speed, which is important for certain grinding and polishing applications.

The spring-steel flex heads reduces vibrations, and allows the machine to grind rough surfaces with minimal effort for the operator.

An optional 22.5 kg / 50 lbs weight is available and increases productivity in most cases.

TECHNICAL DATA

Voltage:	230 V 1~
Motor power:	2,2 kW / 2,9 hp
Current:	12 Amp
Frequency:	50-60 Hz
Grinding speed:	500-1050 rpm
Grinding disc:	3 x 160 mm / 3 x 6,5"
Grinding width:	450 mm / 17,5"
Weight:	125 kg / 275 lbs
Other:	CE-marking
Water tank:	18 liter / 4,7 US gallons
Recommended vacuum:	Scan Dust 2900



SCAN COMBIFLEX 500i

530000 SCAN COMBIFLEX 500i 400 V 3-PHASE

The Scan Combiflex 500i (SC 500i) is a highly effective and powerful machine despite its compact size. This single speed planetary machine is very reliable and simple to use. It is robust and works well for surface preparation work, such as rough grinding and coating removal.

There's a large selection of tooling that can be used on the machine, including everything from PCD scrappers to polishing resins. The ScanOn attachment system makes it quick and easy to change tooling. The SC 500i features 100% steel construction, along with our patented flex head system for reduced vibration and smooth operation on rough surfaces. The result is a reliable machine with minimal maintenance requirements.

An optional 22.5 kg / 50 lbs weight is available and increases productivity in most cases.

TECHNICAL DATA

Voltage:	400 V 3~
Motor power:	4 kW / 5 hp
Current:	16 Amp
Frequency:	50-60 Hz
Grinding speed:	950 rpm
Grinding disc:	3 x 160 mm / 3 x 6,5"
Grinding width:	500 mm / 20"
Weight:	150 kg / 330 lbs
Other:	CE-marking
Recommended vacuum:	Scan Dust 3600



SCAN COMBIFLEX 500PD

530502 SCAN COMBIFLEX 500PD 230 V 1- PHASE | 530500 SCAN COMBIFLEX 500PD 400 V 3- PHASE

The Scan Combiflex 500 PD (SC 500 PD) comes standard with a built-in water tank for wet grinding, which makes this machine great for grinding of terrazzo and eliminates the need for an external water source. SC 500 PD is flexible, easy to use, and suitable for both the rental market and small to medium sized jobs with space constraints. The unit also features variable speed, which is important for certain grinding and polishing applications and makes it more aggressive in coatings removal.

There's a large selection of tooling that can be used on the machine, including everything from PCD scrappers to polishing resins. The ScanOn attachment system makes it quick and easy to change tooling. The SC 500 PD features 100% steel construction, along with our patented flex head system for reduced vibration and smooth operation on rough surfaces. The result is a reliable machine with minimal maintenance requirements.

An optional 22.5 kg / 50 lbs weight is available and increases productivity in most cases.

TECHNICAL DATA

	STANDARD	1-PHASE
Voltage:	400 V 3~	230 V 1~
Motor power:	4 kW / 5 hp	4 kW / 5 hp
Current:	16 Amp.	30 Amp.
Frequency:	50-60 Hz	50-60 Hz
Grinding speed:	250-1150 rpm	250-1150 rpm
Grinding disc:	3 x 160 mm / 3 x 6,5"	3 x 160 mm / 3 x 6,5"
Grinding width:	500 mm / 20"	500 mm / 20"
Weight:	160 kg / 353 lbs	160 kg / 353 lbs
Other:	CE-marking	CE-marking
Water tank:	18 liter / 4,7 US gallons	18 liter / 4,7 US gallons
Recommended vacuum:	Scan Dust 3600	Scan Dust 3600



SCAN COMBIFLEX 650

560003 SCAN COMBIFLEX 650 230 V 1- PHASE | 560002 SCANCOMBIFLEX 650 400 V 3-PHASE | 561503 SCAN COMBIFLEX 650DSP 230 V 1-PHASE | 561500 SCANCOMBIFLEX 650 DSP 400 V 3-PHASE

The Scan Combiflex 650 (SC 650) is a robust and stable machine made of steel, designed for both residential and commercial applications with its 650 mm / 25.6" grinding width. The SC 650 uses a patented planetary system to drive its three heads drum, which are powered by a double-sided cog belt and gear ring. This design helps reduce the amount of stress and torque on the operator.

The SC 650 features industrial grade components and is designed for durability and simple maintenance. This model can also be used for wet grinding with the included water connection valve (pressurized water hose required).

TECHNICAL DATA

	STANDARD	1-PHASE
Voltage:	400 V 3~	230 V 1~
Motor power:	7,5 kW / 10 hp	4 kW / 5 hp
Current:	16 Amp	30 Amp
Frequency:	50-60 Hz	50-60 Hz
Grinding speed:	350-1100 rpm	350-900 rpm
Grinding disc:	3 x 220 mm / 3 x 8,5"	3 x 220 mm / 3 x 8,5"
Grinding width:	650 mm / 25,6"	650 mm / 25,6"
Weight:	320 kg / 705 lbs	320 kg / 705 lbs
Grinding pressure:	180 kg / 396 lbs	180 kg / 396 lbs
Other:	CE-marking	CE-marking
Recommended vacuum:	Scan Dust 9000 World Series	Scan Dust 9000 World Series



SCAN COMBIFLEX 650 PROPANE

560500WT SCAN COMBIFLEX 650 PROPANE WITH WATER TANK

The ScanCombiflex 650 PROPANE (SC 650 Propane) is a robust and stable machine, designed to be operated 100% from propane. This makes it very flexible in many different applications, since it has the ability to operate in virtually any environment (must be well ventilated or outside). The SC 650 Propane is great for outdoor applications where there are limited power options. Of course you can also use the machine indoors, but must have good cross ventilation for operator safety.

The machine is equipped with a 22 liter / 5.8 US gallons water tank which provides a self contained solution for wet grinding. This allows an operator to wet grind with no cables or hoses attached. With its additional weight and motor power, the SC 650 PROPANE is very powerful for its size yet efficient on fuel.

The SC 650 Propane uses a patented planetary system to drive its three heads drum, which are powered by a double-sided cog belt and gear ring. This design helps reduce the amount of stress and torque on the operator.

TECHNICAL DATA

	EUROPE	USA
Motor:	Kawasaki FX603	Kawasaki FX603
Motor power:	18 hp	18 hp
Propantank:	P11	9 kg
Grinding speed:	600-960 rpm	600-960 rpm
Grinding disc:	3 x 220 mm / 3 x 8,5"	3 x 220 mm / 3 x 8,5"
Grinding width:	650 mm / 25,6"	650 mm / 25,6"
Weight:	382 kg / 842 lbs	382 kg / 842 lbs
Other:	CE-märkt	CE-märkt
Water tank:	22 liter / 5,8 US gallons	22 liter / 5,8 US gallons
Recommended vacuum:	Scan Dust 9000 Propane World Series	Scan Dust 9000 Propane World Series





GRINDING IN THE FAST LANE

World Series is a product line of high quality machines and tools where the development has been characterized by inspiration and knowledge from all over the world. This premium range has focused on the end user and the end product. The main focus has been fast results with efficiency, service, quality and reliability.

SCANMASKIN 28/32 WORLD SERIES RC

572850 SCANMASKIN 28 RC 400 V 3-PHASE | 572855 SCANMASKIN 28 RC 230 V 3-PHASE
583250 SCANMASKIN 32 RC 400 V 3-PHASE | 583255 SCANMASKIN 32 RC 230 V 3-PHASE

Scanmaskin 28 & 32 World Series RC are our largest grinding machines with radio control. The machines have a fully casted machine house which gives the machines long durability with dust free operation. The construction of the machine is designed to facilitate service as you only need to loosen three screws to gain access to the entire machine house. The machine are equipped with a new tool head for better balance and tool support which in turn gives a more efficient grinding result.

The wheels can be quickly disengaged for manual operation. The wheels are also adjustable both front and rear, allowing the operator to increase or decrease the grinding pressure. The Scanmaskin 28 and 32 RC World Series RC are equipped with a user friendly radio control and smart display. The smart display assists throughout the grinding process by providing the operator real time feedback on tooling wear and operational speed. The radio control allow the operator to make accurate adjustments while maintaining consistent production.

All of these unique advantages make this to one of the fastest and most efficient machines on the market, maximizing overall production hours and minimizing maintenance time.

TECHNICAL DATA

	Scanmaskin 28 World Series RC	Scanmaskin 32 World Series RC
Voltage:	230 V 3~ / 400 V 3~	200 - 240 V 3~ / 400 V 3~
Motor power:	7,5 kW / 10 hp	11 kW / 15 hp
Current:	32 Amp / 16 Amp	50 Amp / 32 Amp
Frequency:	50 / 60 Hz	50 / 60 Hz
Grinding speed:	200-800 rpm	200-825 rpm
Grinding disc:	3 x 220 mm / 3 x 8,6"	3 x 280 / 3 x 11"
Grinding width:	700 mm / 28"	800 mm / 32"
Weight:	610 kg / 1344 lbs	640 kg / 1410 lbs
Water tank:	20 l / 5,2 US gallons	20 l / 5,2 US gallons
Other:	CE-marking	CE-marking
Recommended vacuum:	Scan dust 9000 World Series	Scan dust 9000 World Series



SCANMASKIN 28/32 WORLD SERIES MOVE EDITION

572824 SCANMASKIN 28 MOVE EDITION 400 V 3-PHASE | 572822 SCANMASKIN 28 MOVE EDITION 230 V 3-PHASE
583224 SCANMASKIN 32 MOVE EDITION 400 V 3-PHASE | 583222 SCANMASKIN 32 MOVE EDITION 230 V 3-PHASE

move/edition

Scanmaskin MOVE/EDITION is our most ergonomic floor grinder, designed by you for you. This is a further development of our World Series Line. A manual, planetary grinding machine with a robust casted machine house with unmatched durability. The simplistic design allows for easy and quick repairs on common service items, allowing you to get moving faster than ever.

The MOVE/EDITION features a new handle with two adjustment points and 360 degrees of rotation on the hand grip. This also enables a good hip support along with high and low positions to accommodate any operator.

The detachable new front wheel also reduces weight when removed and gives an improved ground clearance and makes it easier to move.

The machine is equipped with solid ergo wheels with larger diameter which provide up to 40% less resistance when moving the machine.

TECHNICAL DATA

	Scanmaskin 28 Move Edition	Scanmaskin 32 Move Edition
Voltage:	200-240 V 3~ / 400-480 V 3~	200-240 V 3~ / 400-480 V 3~
Motor power:	11 kW / 15 kW (15 hp / 20 hp)	11 kW / 15 kW (15 hp / 20 hp)
Current:	50 Amp / 32 Amp	50 Amp / 32 Amp
Frequency:	50 - 60 Hz	50 - 60 Hz
Grinding speed:	200-825 rpm	200-825 rpm
Grinding disc:	3 x 220 mm / 3 x 9"	3 x 280 mm / 3 x 11"
Grinding width:	700 mm / 28"	800 mm / 32"
Weight:	550 kg / 1212 lbs	570 kg / 1256 lbs
Water tank	20 l / 5,2 US gallons	20 l / 5,2 US gallons
Other:	CE-marking	CE-marking
Recommended vacuum	Scan Dust 9000 World Series	Scan Dust 9000 World Series



SCANMASKIN 32 WORLD SERIES PROPANE

583210 SCANMASKIN 32 PROPANE

The Scanmaskin 32 World Series Propane is a propane-powered Grinder for occasions when you do not have access to electric power. The 32 World Series Propane machine has the same unique characteristics as the other Grinders in the World Series Line.

Among other things, fully casted machine housing, adjustable grinding pressure, and well-balanced tooling heads that provide the efficient grinding results that characterize the World Series Line. The Scanmaskin 32 World Series Propane machine is also equipped with an automatic safety system that monitors air oxygen levels.

The Scanmaskin 32 World Series Propane is equipped with a 30 hp Kawasaki engine which can be operated with either liquid or vapor Propane.

TECHNICAL DATA

Motor:	Kawasaki LX900 (TRUFLOW LPG Fuel Systems)
Motor power:	30 hp
Propane tank:	9 kg / 20 lbs
Water tank:	20 liter / 5,2 US gallons
Grinding speed:	300-575 rpm
Grinding disc:	3 x 300 mm / 3 x 12"
Grinding width:	800 mm / 32"
Weight:	600 kg / 1322 lbs
Other:	CE-marking
Recommended vacuum:	Scan Dust 9000 Propane World Series



SCAN DUST 2900

729000 SCAN DUST 2900

The Scan Dust 2900 (SD 2900) is a great option for all of Scanmaskin's smaller grinders; Scanmaskin 18 up to SC-500 PD. The SD 2900 is a versatile and efficient dust collector, known for its high reliability and performance. The cylindrical design functions as a pre-separator, causing heavy particulate to separate from the fine dust. This allows the heavy particles to immediately drop into the bottom of the cyclone, bypassing the filters completely, which increasing filter life and suction performance.

The SD 2900 is equipped with the efficient Jet-Pulse system that pulses the filters in order to keep them clean. The SD 2900 uses filter socks, which can easily be washed in order to prolong filter life. There is also a main filter option; a traditional cartridge filter that could be better when e.g. working on hardwood floors. The main filter cassette can easily be changed to fit the cartridge filters. In addition the SD 2900 is equipped with two HEPA 13 filters that takes care of insanitary particles

The SD 2900 takes advantage of the Longopac bagging system, which makes managing dust very easy and efficient. With the Longopac system features 20m of folded plastic bag that allows about 25 dust free changes.

For smoother transport and storage the SD 2900 is equipped with gas springs that makes it easy to adjust the height of the machine to minimize its size.

TECHNICAL DATA

Voltage:	200 - 240 V 1~/ 110 V 1~
Motor power:	2,8 kW / 3,5 hp
Current:	10 Amp
Frequency:	50-60 Hz
Max airflow:	420 m3/h / 247 ft3/min
Max vacuum:	230 mbar
Hose:	Ø50 mm / 2"
Inlet:	Ø50 mm / 2"
Primary filter:	Filter sock / Cartridge filter
Microfilter:	H13
Filter cleansing:	Semi-automatic jetpulse
Floor nozzle:	450 mm / 18"
Sound level:	65 dB (A)
Dimensions:	56x80x130 cm / 22" x 31,5" x 51"
Weight:	54 kg / 119 lbs



SCAN DUST 3600

736000 SCAN DUST 3600

The Scan Dust 3600 (SD 3600) is a very good and useful industrial vacuum entirely made of steel. This vacuum is a good option for our SC500 and SC650* grinding machines. This industrial vacuum performs best with the SC-500 as the combination contributes to a completely dust-free environment.

This Industrial vacuum uses the Jet-Pulse cleaning system that pulses the filters to keep them clean. This model is also equipped with a filter indicator that informs the user that it is time to clean the filter.

SD 3600 takes advantage of the Longopac bagging system, which makes managing dust very easy and efficient. With the Longopac system you will get 20m/60ft of folded plastic bag that gives you about 25 dust free changes. The SD 3600 is equipped with 3 motors with separate switches, limiting start current but also matching the availability of fuses. The machine is safe and user-friendly and is equipped with powerful puncture-free non marking wheels.

*Depending on the type of job

TECHNICAL DATA

Voltage:	230 V 1~
Motor power	3,6 kW / 5 hp
Current:	16 Amp
Weight:	90 kg / 198 lbs
Max airflow:	500 m3/h / 294 ft3/min
Max vacuum:	300 mbar
Hose:	10m x Ø50mm / 33 ft x Ø 2"
Inlet:	Ø 50mm / Ø 2"
Primary filter:	Cartridge filter (Polyester 3.6 m2 99.5%)
Microfilter:	2.7 m2 (3x0.9 m2) 99.95% H13
Frequency:	50 Hz/ 60 Hz
Sound level:	85 dB(A)
Dimension:	970x580x1370 mm / 38" x 22" x 53"
Filter cleansing:	Semi-automatic jetpulse





SCAN DUST 9000 / SCAN DUST 9000 PROPANE WORLD SERIES

788501 SCAN DUST 9000 ELECTRIC | 788500 SCAN DUST 9000 PROPANE

The ScanDust 9000 World Series is our largest and most efficient industrial dust collector, featuring increased filter capacity and built-in pre-separators. The unique and patented pre-separator separates the dust into two stages and provides up to 90% pre-separation. This means that you do not need to clean the filters as often, which provides a longer filter life and less interruptions for maintenance compared to traditional industrial dust collectors. Since the pre-separator is built into the machine, it is always included in the workplace, which means no extra equipment that needs to be handled or transported.

The filter area of the Scan Dust 9000 World Series is 4.2 m² (45 sq/ft) and consists of 32 teflon coated filter socks and 2 Hepa 14 filters. Hepa 14 provides an extremely high filtration rate of 99.995% and takes care of the very smallest and most dangerous particles despite a very high air flow.

The electric version of the Scan Dust 9000 World Series is equipped with a frequency control drive which allows you to adjust the power and speed depending on the application. The combination of this, together with high filter capacity and high airflow, allows you to connect more machines to the same vacuum cleaner.

As with all machines in the World Series range, extra emphasis has been placed on design, ergonomics and ease of service. The Scan Dust 9000 World Series has a height-adjustable cyclone for flexible transport options and is also equipped with solid rear wheels and 200 mm large swivel wheels for easy handling in the workplace.

TECHNICAL DATA ELECTRIC VERSION

Voltage:	400-480 V 3~
Motor power:	7,5 kW / 10 hp
Current:	16 Amp
Max airflow:	782 m ³ /h / 460 CFM
Max vacuum:	225 mbar
Hose:	10m x Ø76 / 10m x Ø50mm (33 ft x Ø3" / 33ft x Ø2"
Inlet:	Ø 76mm / Ø3" Camlock
Primary filter:	32 teflonated polyester filter socks, 4.2 m ² FT 99.5%
Microfilter:	Hepa 14, 2 x 3.9 m ² 99.995%
Sound level:	85 dB(A)
Dimension:	1500 x 750 x 1990/1880/1590 mm / 59"x 29"x 74"/70"/62"
Height adjustments:	1990/1880/1590 mm / 74"/70"/62"
Weight:	340 kg / 750 lbs
Frequency:	50 Hz/ 60 Hz
Filter cleansing:	Semi-automatic jetpulse

TECHNICAL DATA PROPANE VERSION

Motor:	Kawasaki FX603
Motor power:	18 hp
Propane tank:	9 kg / 20 lbs
Max airflow:	782 M ³ /h / 460 CFM
Max vacuum:	225 mbar
Hose:	10m x Ø76mm and 10m x Ø50mm / 33ft x 3" and 33ft x 2"
Inlet:	Ø76 mm / Ø3" Camlock
Primary filter:	32 teflonated polyester filter socks, 4.2 m ² FT 99.5%
Microfilter:	Hepa 14, 2 x 3.9 m ² 99.995%
Sound level:	80-100 dB(A)
Dimension:	1500 x 750 x 1990 mm / 59"x 29"x 74"
Height adjustments:	1990/1880/1590 mm / 74"/70"/62"
Weight:	368 kg / 811 lbs
Frequency:	50 Hz/ 60 Hz
Filter cleansing:	Semi-automatic jetpulse

FEROX 200 WORLD SERIES

142000 FEROX 200 WORLD SERIES

The Ferox 200 is designed to treat surfaces, scabbling, planing, grooving, cleaning, descaling concrete and removing road markings. The Ferox 200 can be used with different tools for different purposes. The "Cutter drum", is designed for scarifying and the "Milling cutter drum" is designed for removing of road markings or other surfaces. The Ferox 200 has several advantages:

- Fine height adjustment by hand wheel and quick lift lever
- Robust, accurate construction
- Proven reliability and quality
- Comprehensive range of cutters
- Dust free operation - integrated dust port
- Belt tensioner and standard "V" belt drive

TECHNICAL DATA

Working width:	200 mm / 7"
Voltage:	230 V 1~
Frequency:	50 Hz
Current:	12 Amp
Motor power:	2.2 KW / 2,9 hp
Motor rotation speed:	2640 rpm
Weight:	58 kg / 127 lbs
Height:	90-100 cm / 35-39"
Length:	90-100 cm / 35-39"
Width:	37 cm / 14"
Tool rpm:	1750 rpm
Dust port diameter:	50 mm / 1,9"



FEROX 250 WORLD SERIES

172000 FEROX 250 WORLD SERIES | 172001 FEROX 250 SP WORLD SERIES

The aggressive Ferox 250 has a drum diameter of 180 mm / 7" and a cutting diameter of 57 mm / 2.2". When using the Ferox 250 you have to maneuver the machine in front of you. The Ferox 250 SP is equipped with a wheel drive and adjustable speed. This provides a smooth operation when using the machine.

Ferox 250 SP can be used for the milling of concrete, asphalt, coatings, road markings, and renovations of bridges. The "Cutter drum", is designed for scarifying and the "Milling cutter drum" is designed for removing of road markings or other surfaces.

- Belt tensioner with durable timing belt
- Robust construction
- Height adjustment with hand wheel and quick lift
- Also available with water connection
- Comprehensive range of cutters

TECHNICAL DATA

	Ferox 250	Ferox 250 SP
Working width:	250 mm / 9"	250 mm / 9"
Voltage:	400 V 3~	400 V 3~
Frequency:	50 Hz	50 Hz
Current:	14.8 Amp	16 Amp
Motor power:	7.5 kW / 10 hp	7.5 kW / 10 hp
Motor rotation speed:	2880 rpm	2880 rpm
Weight:	124 kg / 273 lbs	145 kg / 319 lbs
Height:	113 cm / 44"	113 cm / 44"
Length:	100 cm / 39"	100 cm / 39"
Width:	49 cm / 19"	49 cm / 19"
Tool rpm:	1571 rpm	1571 rpm
Dust port diameter:	70 mm / 2,7"	70 mm / 2,7"





FEROX 320 WORLD SERIES

173000 FEROX 320 WORLD SERIES | 173001 FEROX 320 WORLD SERIES US

Ferox 320 is a very powerful machine designed for the hardest applications and floors. Ferox 320 is designed to remove concrete, asphalt, coatings and road markings. The motor on the Ferox 320 is positioned directly above cutting drum, for maximum head pressure. The machine has an ergonomic design, with vibration dampening handle bar and control panel for operators' comfort and safety.

Various options of tooling are available for removal of numerous substrates and coverings. By using the 300 mm variable diameter drum blades it allows for cutting depth of 20 mm in a single pass. The Milling cutter drum and Carbide tipped cutter is also available for scarifying. The machine features frame protection, as well as robust maintenance free bearings ensuring extended service life. For a dust free operation, you can connect a dust collector to the 70 mm dust port. The machine has an optional water injection system to reduce airborne dust when not using a dust collector. The Ferox 320 comes in two performance; hydraulic cutter and hydraulic saw.

TECHNICAL DATA

Working width:	320 mm / 12"
Voltage:	400 V 3~
Frequency:	50 Hz
Current:	20,6-32,6 Amp
Motor power:	11-18,5 kW / 14-25 hp
Motor rotation speed:	2640 rpm
Weight:	300 kg / 661 lbs
Height:	118 cm / 46"
Length:	98 cm / 38"
Width:	63 cm / 24"
Tool rpm:	1649/1644 rpm
Dust port diameter:	70/120 mm



STRIPPER 250 WORLD SERIES

184010 STRIPPER 250 WORLD SERIES

The 250 World Series is a light and flexible floor stripper that easily removes many different types of surfaces. The automatic operation facilitates the work for the operator. The design is compact, and the weight is relatively light which makes transports and maneuvering considerably easier.

The machine comes with 4 removable weights that ensure maximum blade pressure during more difficult removal work.

The Stripper 250 World Series is a versatile machine with high performance in a compact and flexible format that works for many different types of removal work.

TECHNICAL DATA

Working width:	250 mm / 10"
Voltage:	230 V 1~
Frequency:	50 Hz
Current:	6,3 Amp (2,5 Amp drive unit)
Total current consumption:	8,8 Amp
Motor power:	1,1 kW / 1,5 hp (3,37 kW / 4,5 hp drive unit)
Rotation speed:	2800 rpm (2800 rpm drive unit)
Weight:	122 Kg / 268 lbs
Height:	104 - 111 cm / 41" - 44"
Length:	78 cm / 31"
Width:	50 cm / 20"



STRIPPER 350 WORLD SERIES

184000 STRIPPER 350 WORLD SERIES

The 350 World Series is a floor stripper that suits well for heavier floor coverings thanks to its outstanding construction where combination of weight and power is in focus. With the 350 WS stripper it's possible to remove many different types of surfaces, such as hardwood and parquet floors, ceramic tiles, rubber flooring, etc.

For easier handling, the machine is equipped with automatic operation. The integrated weights are adjustable in three positions, which ensures maximum pressure for difficult removals.

For easier transport of the machine you can easily remove the weights if desired. The handle is vibration-damped and also adjustable where you can adjust the height in desired position for maximum comfort and work position.

TECHNICAL DATA

Working width:	350 mm / 14"
Voltage:	230 V 1~
Frequency:	50 Hz
Current:	8,7 Amp (2,5 Amp drive unit)
Total current consumption:	11,2 Amp
Motor power:	1,5 kW / 4,5 hp (0,37 kW / 0,5 hp drive unit)
Rotation speed:	2800 rpm (2800 rpm drive unit)
Weight:	225 kg / 496 lbs
Height:	104 - 113 cm / 41" - 44"
Length:	81 cm / 32"
Width:	50 cm / 20"



MULTISTRIPPER

180000 MULTISTRIPPER

The Scanmaskin Multistripper is a self-propelled machine that effectively removes various types of flooring. The machine is equipped with adjustable working height, giving minimal vibration and sound levels during use.

TECHNICAL DATA

Working width:	320 mm / 12"
Voltage:	230 V 1~
Motor power:	0,75 Kw / 1 hp
Height:	1000 mm / 39"
Width:	360 mm / 14"
Length:	950 mm / 37"
Weight:	70 Kg / 154 lbs



MULTISTRIPPER VARIO

180000V MULTISTRIPPER VARIO

The Multistripper Vario is a robust machine equipped with two engines. One engine for the stripper function and one for speed control and propulsion. The machine is also equipped with electromagnetic couplings that decouple the wheels with the press of a button. The Multistripper Vario has a working width of 320 mm and the stripper blade is the widest part of the machine. The Multistripper Vario has an integrated weight holder that can be loaded with two weights of 25 kg (55 lbs).

TECHNICAL DATA

Working width:	320 mm / 12,6"
Motor power, motor 1:	0,55 kW / 0,74 hp
Motor power, motor 2:	0,44 kW / 0,6 hp
Voltage:	230 V 1~
Height:	900 mm / 35,4"
Width:	320 mm / 12,6"
Length:	1060 mm / 41,7"
Weight	86 Kg / 189 lbs



FEROX 200 SHOT BLASTER

602000 FEROX 200 SHOT BLASTER

Ferox 200 shot blaster is very flexible and user friendly with high performance. A robust built shot blaster but at the same time very compact. Ferox 200 can be increased with one more machine to double the working width. The machine has a low height to maximize the concentration of the impact force and a "travel mode" that prevents damage that can occur during transport. The Ferox 200 is equipped with led lights that ease the work where the visibility is a bit reduced. A very versatile shot blaster with high efficiency where the user easily can maintain the machine itself.

Ferox 200 Shot Blaster is sold in package together with Scan Dust Blast Cleaner.

TECHNICAL DATA

Working width:	200 mm / 8"
Voltage:	400 V 3~
Frequency:	50 Hz
Current:	16 Amp
Motor power:	4 kW / 6 hp
Weight:	210 kg / 462 lbs
Height:	105 cm / 41"
Length:	148 cm / 58"
Width:	34 cm / 13"
Rotation speed:	2895 rpm
Dust port:	70 mm / 2"



FEROX 300 SHOT BLASTER

603000 FEROX 300 SHOT BLASTER

The Ferox 300 Shot Blaster offers the most versatile and effective surface preparation system in its class. The blast width can be doubled by the addition of Ferox 300 (Extension Unit) thereby increasing the production capabilities of the standard unit, while still only requiring one operator.

Paired with the ScanDust Blast Cleaner, The Ferox 300 Shot Blaster offers increased production capabilities. Designed as a mid-sized blaster, its compact dimensions and small footprint allow for easy maneuverability. The Ferox 300 Shot Blaster is a versatile machine that can be used for a wide variety of applications ranging from surface prep and coating removal to profiling and cleaning.

The smart "Travel Mode" feature prevents damage to the dust skirt while transporting the machine to your job site. The longevity of consumables, paired with simplified maintenance, reduces operation costs and promotes consistent production.

The Ferox 300 Shot Blaster is sold with the Scan Dust Blast cleaner.

TECHNICAL DATA

Working width:	300 mm
Voltage:	400 V 3~
Frequency:	50 Hz
Current:	21.1 / 27.4 A
Motor power:	11 / 15 kW (14 / 20 hp)
Motor Current:	19.4 / 25.7 A
Motor rotation speed:	2945 -z 2935 rpm
Weight:	362 kg / 798 lbs
Height:	100 cm / 39"
Length:	175 cm / 68"
Width:	47 cm / 18"
Dust port diameter:	125 mm / 4"



SCANDUST BLAST CLEANER

603500 SCANDUST BLAST CLEANER

The ScanDust Blastcleaner is sold with the Ferox 300 shot blaster. This dust collector features high performance and ability to handle multiple applications from fine dust to rough material. The ScanDust Blast Cleaner can be lowered for transport down to 51 inches, allowing for easy transportation in service vehicles and vans.



BATTERY POWER TROWEL

210000 BATTERY POWER TROWEL

Battery driven trowel machine for epoxy-based coatings, broadcast quartz flooring, and stone carpet flooring.

Included: Machine, handlebar, 1 trowel disc with a diameter of 500 mm, 20 troweling blades(mounted), key for removing the trowel disc, 3 battery belts and 2 battery chargers.

TECHNICAL DATA

Motor power:	200 W / 0.27 hp
Voltage battery:	24 VDC
Soltage battery charger:	230 V 1~/110 V 1~
Speed:	0-170 rpm
Working width:	475 mm / 19"
Weight:	14 kg / 31 lbs
Measure:	50x100x50 cm / 19,7" x 40" x 19,7"



ELECTRIC POWER TROWEL

220000 ELECTRIC POWER TROWEL

Electric power float for epoxy-based coatings, broadcast quartz flooring, and stone carpet flooring.

Included: Machine, handlebar, 1 trowel disc with a diameter of 500 mm, 20 troweling blades (mounted) and key for removing the trowel disc.

TECHNICAL DATA

Motor power:	200 W / 0.27 hp
Voltage:	230 V 1~/110 V 1~
Speed:	0-170 rpm
Working width:	475 mm / 18"
Weight:	14 kg / 31 lbs
Measure:	50x100x50 cm / 19,7" x 40" x 19,7"



BURNISHER

400050 BURNISHER CLASSIC

The Scanmaskin Burnisher is a powerful and efficient propane floor burnisher, featuring a heavy duty steel frame and standard 27" pad driver. This unit is well suited for both medium and large commercial jobs, and can burnish up to 34,000 sq ft per hour.

The Burnisher also offers a quick change system that allows the operator to change the pad driver size to a width of 24" or even 21", creating more versatility (optional kit). The entire pad driver can also be removed quickly from the machine using a special locking pin, without the need for any hand tools.

With the newly designed Lehr propane fuel system, the Burnisher will automatically adjust to varying loads and does not require any manual tuning or adjustments. This unit also features dual engagement handles for easy access, and a propane emissions safety shutoff system. The WS model is available with or without a 6 gallon water tank.

TECHNICAL DATA

Burnishing width:	53 cm x 60 cm x 68 cm / 21", 24", 27"
Performance:	3200 m ² /h / 34000 ft ² /h
Engine:	603cc 18 HP Kawasaki, LEHR Fuel System, EPA/CARB Certified
Sound level:	87 dBA
Pad speed:	1200-1825 RPM
Pad size:	21", 24", and 27" Pad Drivers With Toolless Removal
Run time:	6 Hours Per 20 lb Cylinder
Frame:	Powder Coated Reinforced Steel
Width:	71 cm / 28"
Length:	134 cm / 53"
Weight:	127 kg / 280 lbs
Shipping weight:	140kg / 310 lbs
Ignition system:	12v Lithium-ion Battery Start
Fuel tank:	Steel with Overfill Protection



COATING REMOVAL



592080 TIGER GOLD

Tiger Gold is a very aggressive tool used for coating removal and the profiling of concrete floors. The Tiger Gold can remove coatings up to 7 mm and provide a CSP profile of 5-7. The Tiger Gold is most effectively used on the SC-650 size machine and larger, however it can be used on all Scanmaskin Grinding Machines.

9 pcs / set



592086 TWIN TIGER

Twin Tiger is a very aggressive tool used for coating removal and the profiling of concrete floors. The Twin Tiger can remove coatings up to 7 mm and provide a CSP profile of 5-7. The Twin Tiger is most effectively used on the SC-650 size machine and larger, however it can be used on all Scanmaskin Grinding Machines.

9 pcs / set



592081 TIGER GOLD WH

Tiger Gold WH is a very aggressive tool used for coating removal and the profiling of concrete floors. The Tiger Gold WH can remove coatings up to 7 mm and provide a CSP profile of 5-7. The Tiger Gold WH is most effectively used on the SC-650 size machine and larger, however it can be used on all Scanmaskin Grinding Machines.

9 pcs / set



592013 TIGER SILVER

Tiger Silver is a very aggressive tool used for coating removal and the profiling of concrete floors. The Tiger Silver can remove coatings up to 4 mm and provide a CSP profile of 4-6. The Tiger Silver can be used effectively on all Scanmaskin Grinding Machines.

9 pcs / set



592370 RAZORBACK SILVER

Razorback Silver is a very aggressive tool used for coating removal and the profiling of concrete floors. The Razorback Silver can remove coatings, mastic, and glue up to 3 mm and provide a CSP profile of 3-5. The Razorback Silver can be used effectively on all Scanmaskin Grinding Machines.

9 pcs / set



592043 PIRANAH

The Piranha is a very useful tool when removing thin coatings from concrete surfaces, up to 3 mm. It works very well in the removal of paint, flake flooring, glue residue and carpet remnants. The Piranha removes coatings with the least possible impact on the concrete surface. Can be used effectively on all Scanmaskin Grinding Machines.

9 pcs / set



592078 BAUTA CRUSH

The BAUTA Crush is a diamond tool with large PCD Chips. This tool is very effective and aggressive in the removal of floor coverings, as well as milling concrete. Can be used effectively on all Scanmaskin Grinding Machines.

9 pcs / set



521100 BUSH HAMMER

The Bushhammer is a very aggressive tool used for coating removal and the profiling of concrete floors. CSP Profiles of 4-5 are achievable with the Bushhammer Tooling. Designed to be used with the Combiflex line of Grinders (650-1000). Provides results similar to a milling machine (scarifier) or a blasting machine.

3 pcs / set

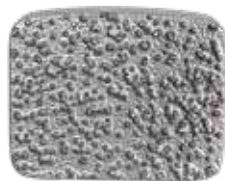
HARDWOOD TOOLS



592044 SCRATCH WITH CLAW

This tool is designed to remove coatings and aluminum oxide finishes off of wood flooring.

9 pcs / set



592141 SCRATCH ROUGH

This tool is designed for hard wood flooring and is suitable for rough sanding and flattening of wood flooring and decking.

9 pcs / set



592142 SCRATCH MEDIUM

This tool is designed for hard wood flooring and is suitable for rough sanding and flattening of wood flooring and decking.

9 pcs / set



SANDPAPER

Our sandpaper is used with our machines Scan Combiflex 330RS and Scanmaskin 18 when sanding hard wood floors. Attach the sandpaper to the Veldro holders and middle cushion. 8 different grits: #16, #24, #36, #40, #60, #80, #100, #120.

3 pcs / set

SCANMASKIN
MACHINES--MINERALS--KNOW-HOW

CONCRETE TOOLS

BAUTA DOUBLE

Bauta Double is our series of diamond tools that give you more diamond for the money. The high quality grinding tools vary in grit and bond to suit every grinding need.



BAUTA DOUBLE SILVER #8/11

SCS 592503 | SCM 592504 | SCL 592505 | SCX 592506 | SCXX 592507

The Bauta Double Silver is a very aggressive tool designed for rough grinding, flattening, and coating removal.

9 pcs / set



BAUTA DOUBLE BLACK #14/16

SCSS 592512 | SCS 592513 | SCM 592514 | SCL 592515 | SCX 592516 | SCXX 592517 | SCXXX 592518 | SCXXXX 592519

The Bauta Double Black is a very aggressive tool designed for rough grinding, flattening, and coating removal.

9 pcs / set



BAUTA DOUBLE BROWN #20/25

SCL 592525

The Bauta Double Brown is a tool designed for coarse grinding. It is very appropriate tool to use before applying putty, thermoset coatings, or tile.

9 pcs / set



BAUTA DOUBLE BLUE #30/40

SCSS 592532 | SCS 592533 | SCM 592534 | SCL 592535 | SCX 592536 | SCXX 592537 | SCXXX 592538 | SCXXXX 592539

The Bauta Double Blue is a tool designed for fine grinding prior to painting or applying thin coatings.

9 pcs / set



BAUTA DOUBLE GREEN #60/80

SCSS 592542 | SCS 592543 | SCM 592544 | SCL 592545

The Bauta Double Green is designed to provide a very refined surface. The tool is suitable for grinding before applying lacquer or other thin surface protection products.

9 pcs / set



BAUTA DOUBLE WHITE #150

SCSS 592562 | SCS 592563 | SCM 592564

The Bauta Double White provides a very refined surface. The Bauta Double white is also used to grind natural stone.

9 pcs / set



PINK EXPRESS

592585

Pink Express is specifically designed to quickly and efficiently grind through the toughest surfaces.

9 pcs / set



100500 CONCRETE TEST KIT

Take the guess work out of tooling selection with the Mohs hardness test. The concrete test kit helps you to determine the hardness of the concrete, allowing you to select the correctly bonded tools for maximum productivity and extended tool life.

HARDNESS INDEX

Every color of each tool comes in different hardnesses.

HARDNESS	MOHS	
SCSSSS:	8-9	Special diamond tool
SCSSS:	7-8	Extremely soft diamond tool for concrete floors with a glossy hard surface
SCSS:	6-7	Extra soft diamond tool for extra hard concrete
SCS:	5-6	Soft diamond tool for hard concrete
SCM:	4-5	Medium hard diamond tool for fast cutting of normal concrete
SCL:	4-5	Hard diamond tool for normal concrete (longer diamond life)
SCX:	3-4	Extra hard diamond tool for soft concrete and filler remnants
SCXX:	2-3	Very hard diamond tool for rain damaged concrete and rough concrete surfaces
SCXXX:	2-3	Extremely hard diamond tool for newly cast concrete
SCXXXX:	2-3	Special diamond tool





WORLD SERIES METALS

The world series metals tools were developed and chosen after much testing and research. The focus has been to achieve maximum productivity while providing good longevity. The "W" shaped segments increase the airflow around the tool, which helps prevent overheating and glazing. This ensures better longevity and higher productivity for the tool.

WORLD SERIES METALS - **BLACK**



Hard bond segments. For soft floors. Mohs scale 2-3

DOUBLE

12 MM

591516 #16/20
591536 #30/40
591546 #60/80
591566 #140/150

SINGLE

12 MM

591716 #16/20
591736 #30/40
591746 #60/80
591766 #140/150

WORLD SERIES METALS - BLUE



Medium bond segments for universal floors. Mohs scale 3-5

DOUBLE

12 MM

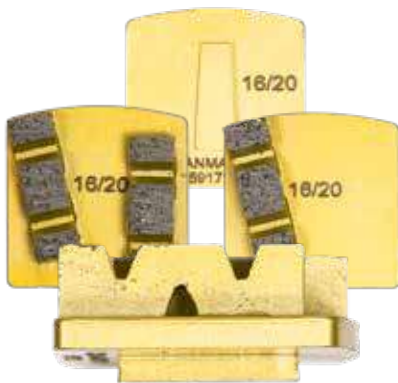
591514 #16/20
591534 #30/40
591544 #60/80
591564 #140/150

SINGLE

12 MM

591714 #16/20
591734 #30/40
591744 #60/80
591764 #140/150

WORLD SERIES METALS - GOLD



Soft bond segments for hard floors. Mohs scale 5-7

DOUBLE

12 MM

591512 #16/20
591532 #30/40
591542 #60/80
591562 #140/150

SINGLE

12 MM

591712 #16/20
591732 #30/40
591742 #60/80
591762 #140/150

WORLD SERIES METALS - YELLOW



Super soft bond segments for super hard floors. Mohs scale 7-9

DOUBLE

12 MM

591510 #16/20
591530 #30/40
591540 #60/80
591560 #140/150

SINGLE

12 MM

591710 #16/20
591730 #30/40
591740 #60/80
591760 #140/150

WORLD SERIES CERAMICS

The World Series ceramic tools are specifically designed to transition from a metal diamond to a resin polishing tool. The unique low profile design and high diamond density allow these tools to contour to the surface while achieving maximum refinement. The World Series ceramics can also be used as the first step for a cream or salt/pepper finish, eliminating the need for a metal tool. The Soft Bond option works well on floors testing at 6-7+ on the Mohs scale.

** WARNING - ALL ceramic tools MUST be operated at a low speed (<2 on the speed dial / 750 RPM on propane). Operating the tool at higher speeds will cause it to fail **

SOFT BOND

2"		3"	
590220	#50	590320	#50
590221	#80	590321	#80
590222	#100	590322	#100
590223	#200	590323	#200
590224	#400	590324	#400

MEDIUM BOND

2"		3"	
590210	#50	590310	#50
590211	#80	590311	#80
590212	#100	590312	#100
590213	#200	590313	#200
590214	#400	590314	#400

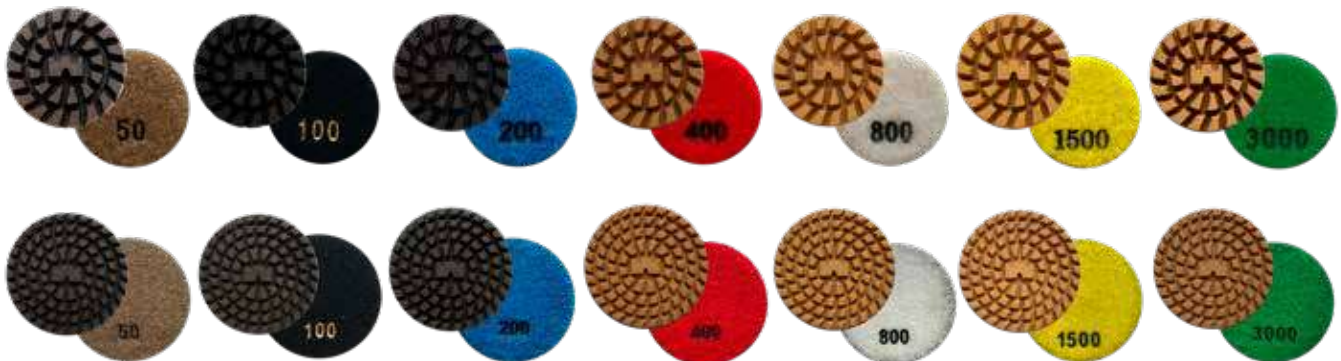


WORLD SERIES RESIN

The World Series resins are designed to achieve the final mechanical refinement on a concrete surface, using diamond powders bonded in a resin matrix. The World Series resins are engineered to transition from a honed surface to a highly polished surface with minimal steps. The World Series Resins are available in two primary grits, 800 and 1500, and can achieve a DOI reading of 55+ with the 800 grit and 75+ with the 1500 grit.

RESINS

2"		3"	
591801	#50	591901	#50
591802	#100	591902	#80
591803	#200	591903	#200
591804	#400	591904	#400
591805	#800	591905	#800
591806	#1500	591906	#1500
591807	#3000	591907	#3000





LUTEUS

The Luteus is a hybrid tool that works well for the dry polishing of concrete and terazzo floors. Used only in dry grinding, the tool is easy to apply to our machines and has good durability and flexibility.

522501	LUTEUS POLISHING DISC 5"/125 MM #50	1 pcs/ set	523541	LUTEUS POLISHING DISC 11"/280mm #50	3 pcs/ set
522502	LUTEUS POLISHING DISC 5"/125 MM #100	1 pcs/ set	523542	LUTEUS POLISHING DISC 11"/280mm #100	3 pcs/ set
522503	LUTEUS POLISHING DISC 5"/125 MM #200	1 pcs/ set	523543	LUTEUS POLISHING DISC 11"/280mm #200	3 pcs/ set
523501	LUTEUS POLISHING DISC 7"/180mm #50	3 pcs/ set	523544	LUTEUS POLISHING DISC 11"/280mm #400	3 pcs/ set
523502	LUTEUS POLISHING DISC 7"/180mm #100	3 pcs/ set	523545	LUTEUS POLISHING DISC 11"/280mm #800	3 pcs/ set
523503	LUTEUS POLISHING DISC 7"/180mm #200	3 pcs/ set	523546	LUTEUS POLISHING DISC 11"/280mm #1500	3 pcs/ set
523504	LUTEUS POLISHING DISC 7"/180mm #400	3 pcs/ set	523547	LUTEUS POLISHING DISC 11"/280mm #3000	3 pcs/ set
523505	LUTEUS POLISHING DISC 7"/180mm #800	3 pcs/ set	523531	LUTEUS POLISHING DISC 13"/330mm #50	3 pcs/ set
523506	LUTEUS POLISHING DISC 7"/180mm #1500	3 pcs/ set	523532	LUTEUS POLISHING DISC 13"/330mm #100	3 pcs/ set
523507	LUTEUS POLISHING DISC 7"/180mm #3000	3 pcs/ set	523533	LUTEUS POLISHING DISC 13"/330mm #200	3 pcs/ set
523511	LUTEUS POLISHING DISC 8,5"/210mm #50	3 pcs/ set	523534	LUTEUS POLISHING DISC 13"/330mm #400	3 pcs/ set
523512	LUTEUS POLISHING DISC 8,5"/210mm #100	3 pcs/ set	523535	LUTEUS POLISHING DISC 13"/330mm #800	3 pcs/ set
523513	LUTEUS POLISHING DISC 8,5"/210mm #200	3 pcs/ set	523536	LUTEUS POLISHING DISC 13"/330mm #1500	3 pcs/ set
523514	LUTEUS POLISHING DISC 8,5"/210mm #400	3 pcs/ set	523537	LUTEUS POLISHING DISC 13"/330mm #3000	3 pcs/ set
523515	LUTEUS POLISHING DISC 8,5"/210mm #800	3 pcs/ set			
523516	LUTEUS POLISHING DISC 8,5"/210mm #1500	3 pcs/ set			
523517	LUTEUS POLISHING DISC 8,5"/210mm #3000	3 pcs/ set			
523521	LUTEUS POLISHING DISC 9,5"/240mm #50	3 pcs/ set			
523522	LUTEUS POLISHING DISC 9,5"/240mm #100	3 pcs/ set			
523523	LUTEUS POLISHING DISC 9,5"/240mm #200	3 pcs/ set			
523524	LUTEUS POLISHING DISC 9,5"/240mm #400	3 pcs/ set			
523525	LUTEUS POLISHING DISC 9,5"/240mm #800	3 pcs/ set			
523526	LUTEUS POLISHING DISC 9,5"/240mm #1500	3 pcs/ set			
523527	LUTEUS POLISHING DISC 9,5"/240mm #3000	3 pcs/ set			



WOD - WET OR DRY

The WOD is designed to polish natural stone floors. The WOD can be used wet or dry, offering unparalleled flexibility on a variety of natural stone floors.

Available in the sizes: 180 mm/ 7", 215 mm/ 8", 240 mm/ 9", 330 mm/ 12" and grits: 50, 100, 200, 400, 800, 1500, 3000.



SCANPAD DANCERS

The ScanPad Dancer is an efficient and easy to use diamond impregnated pad, used for the polishing and maintenance of concrete and terazzo floors.

ScanPad Dancer is available in four different grits: No. 1 Red #400, No. 2 Blue #800, No. 3 Yellow #1500, No. 4 Green #3000.

ScanPad Dancer is available in ten different sizes: 7", 8", 9", 11", 13", 15", 16", 17", 18", 20"



CHEMICALS



594081 WORLD SERIES PROOF

World Series Proof is an environmentally-friendly, non-toxic and colourless deep impregnation that provides concrete floors with permanent foundation protection against moisture problems, oils and other contaminants, as well as reinforcing and binding dust. Proof has very good penetration into relatively dense concrete (low VCT). The protection is permanent, diffusion-open and insensitive to external influences such as abrasion and impact, because it forms insoluble crystals deep in

the concrete that become an integral part of the substrate. World Series Proof has very good reinforcing properties in both old and new concrete. The result is a concrete floor that is easier to keep clean with increased service life and reduced maintenance requirements. For porous concrete, combination treatment with World Series Close is recommended.

Use of World Series Proof:

1. Grind according to instruction up to #80 - #100. Damage and visible cracks (>1.0mm) must be repaired before treatment
2. If the surface is porous, combine with World Series Close to bind the grinding dust in the pores.
3. Apply using a low-pressure sprayer or alternatively by pouring it out and distributing evenly with rubber blade, microfibre mop or soft brush. The treatment is carried out until full saturation is reached. The coverage is approximately 0.1-0.3 lit/m² depending on the absorbency of the substrate and the desired penetration depth. Full saturation is achieved after about 30-40 minutes.
4. Stop application when World Series Proof starts to "gel", which usually happens earlier on new concrete. Remove excess that may otherwise form glossy or white stains and impair adhesion of other coating.
5. Continue the grinding process as instructed. If the floor is still perceived to be absorbing, Proof can be applied thinly after each subsequent grinding step up to #400.
6. Drying time: Pedestrian traffic is permitted after approx. 2 hours. May be exposed to water after 6 hours and heavier traffic is permitted after 24 hours. Full resistance to aggressive liquids is achieved after 36 days.

20 litre / package



594082 WORLD SERIES CLOSE

World Series Close is used to densify, reinforce and dust bind relatively porous concrete (high VCT). Close reinforces concrete surfaces against chlorides and aggressive liquids. The protection is diffusion-open (releases vapour), long-lasting, environmentally-friendly and acid-resistant. It is the perfect product to surface reinforce and fill pores and cracks in concrete and cement-based screed without affecting paint or the risk of white precipitation. The product has a fast reaction time (15-20 min) and

the surface can normally be put into use already after 1 hour. By protecting in depth, it is insensitive to external influences such as abrasion and impact. A treatment increases the wear resistance (abrasion hardness) of new concrete by over 35% and has a strong re-strengthening effect on older cement-based substrates.

Use of World Series Close:

1. Grind the floor with our World Series Metals, #60/80. Damage and visible cracks (>0.5mm) must be repaired before treatment
2. If the surface is porous, the abrasive dust can be left behind to bind together with Proof in the pores. The grinding process can be resumed as soon as the surface dries. The temperature of the surface should exceed +5°C.
3. Apply using a low-pressure sprayer or alternatively by pouring it out and distributing evenly with rubber blade, microfibre mop or soft brush. The treatment is carried out until full saturation is reached. The coverage is approximately 0.1-0.3 lit/m² depending on the absorbency of the substrate and the desired penetration depth. Full saturation is achieved after about 20-30 minutes.
4. Stop application when World Series Close starts to "gel" which usually happens sooner on new concrete. Remove excess that may otherwise form glossy or white stains and impair adhesion of other coating.
5. Continue the grinding process as instructed. For extra pore filling, Close can be applied thinly after each subsequent grinding step up to #400.
6. Drying time: Pedestrian traffic is permitted after approx. 3 hours. May be exposed to water after 6 hours and heavier traffic is permitted after 24 hours. Full resistance to aggressive liquids is achieved after 36 days.

20 litre / package



594080 WORLD SERIES SHINE

World Series Shine is used to give polished concrete floors strong, liquid-repellent stain protection and a high-gloss protective surface. After application, the floor is polished with a "high speed" machine without abrasive wheel that gives a very nice lustre and high gloss. The best function and service life is obtained if the substrate has been pre-treated with World Series Proof deep impregnation or World Series Close surface enhancer. World Series Shine is an effective and environmentally-friendly stain protection that reduces maintenance costs and provides a dust-proof surface that is easier to keep clean.

Use of World Series Shine:

1. Grind according to instruction.
2. Clean the surface so it is completely clean and dust-free. For best results, the substrate must be pre-impregnated with World Series Close or Proof that has been allowed to dry for at least 24 hours.
3. On larger surfaces, it can be applied with a low-pressure sprayer and microfibre mop. The work is best carried out by two people in collaboration because the product dries relatively quickly. On smaller surfaces, the product can be poured directly onto a microfibre mop or cloth and then spread over the surface. Application must take place in a continuous process without any interruption where the product can dry. Use enough material to keep the surface moist for at least 5 minutes, the estimated consumption depends on the absorbency of the substrate. Example: Untreated absorbent concrete: 5 - 10 m²/litre. Proof/Close impregnated concrete: 30-40 m²/litre
4. Polish with a polishing machine, a "high speed" machine (about 1500 rpm) so that a friction temperature of about +35°C is reached.
5. Drying time: Light pedestrian traffic is permitted after 1 hour. Pedestrian traffic, vehicular traffic and higher humidity is permitted after 8 hours. Protection against acids and oils after 24 hours. Maximum protection achieved after 7 days.

5 litre / package



594083 WORLD SERIES MAT

World Series Mat is used to give concrete floors good, liquid-repellent stain protection without polishing and to maintain the natural appearance of concrete. Ideal to achieve a matt-finish floor or if it is not possible to polish the stain protection. The best function and service life is obtained if the substrate has been pre-treated with World Series Proof deep impregnation or World Series Close surface enhancer. World Series Mat is an effective and environmentally-friendly stain protection that reduces maintenance costs and provides a dust-proof surface that is easier to keep clean.

Use of World Series Mat:

1. Grind according to instruction.
2. Clean the surface so it is completely clean and dust-free. For best results, the substrate must be pre-impregnated with World Series Close or Proof that has been allowed to dry for at least 24 hours.
3. On larger surfaces, it can be applied with a low-pressure sprayer and microfibre mop. The work is best carried out by two people in collaboration because the product dries relatively quickly. On smaller surfaces, the product can be poured directly onto a microfibre mop or cloth and then spread over the surface. Application must take place in a continuous process without any interruption where the product can dry. Use enough material to keep the surface moist for at least 5 minutes, the estimated consumption depends on the absorbency of the substrate. Example: Untreated absorbent concrete: 5 - 10 m²/litre. Proof/Close impregnated concrete: 30-40 m²/litre
4. Drying time: Light pedestrian traffic is permitted after 1 hour. Pedestrian traffic, vehicular traffic and higher humidity is permitted after 8 hours. Protection against acids and oils after 24 hours. Maximum protection achieved after 7 days.

5 litre / package



GRINDING GUIDE

Concrete polishing is the process of refining a concrete surface until the desired refinement is achieved. The term “concrete polishing” is used loosely and can include everything from a two step grind and seal to an eight step mirror finish. It’s all about refinement - polishing a surface means that one starts with a rough diamond tool (low grit* number) or abrasive profile and refines this into a smaller and smaller profile (high grit number) until maximum refinement is achieved. A very common mistake is to skip refinement levels and rush the process. This only causes excessive wear on the diamond tool and usually takes much longer overall. It’s easy to break up the process of concrete polishing into three main components: Grinding, Honing, and Polishing.

In the following sections you could read more about the grinding system “World Series Floor” by Scanmaskin. You will also get access to different guides for removal of old floor covering and grinding of other basis than concrete. The guide also contains grinding tips and different grinding techniques.

* Grit. Is the English word for “grain”. It is used to describe the grain sizes in the diamond tool, often shorten with #.





How to get a

WORLD SERIES FLOOR

There are **THREE** different diamond systems that can each be used to achieve a matte, glossy, or super glossy finish. We call them **WORLD SERIES MATTE**, **WORLD SERIES HF** (High finish), and **WORLD SERIES VHF** (Very high finish). Please keep in mind this is only three common finishes and is not a comprehensive list or specification. To achieve each finish, a few different combinations of metal and transitional tools can be used.

The World Series 400 ceramic is a great tool for transitioning into the World Series resin tools which are used for the final polishing. The transitional steps are very important, as these transform the surface from a rough and open profile into a tight and dense floor.

WORLD SERIES FLOOR (BASIC STEPS)

1.

Start with optional grit of our **WORLD SERIES METAL TOOLS** to achieve desired aggregate exposure. End with a World Series #60/80 grit tool.



WORLD SERIES METALS #60/80
See more on page: 22-23

2.

Apply one or more coats of a concrete hardener, for example **WORLD SERIES PROOF**. Follow the manufacturer's instructions to achieve full coverage of the surface.



WORLD SERIES PROOF
See more on page: 27

3.

Continue with the **WORLD SERIES CERAMIC TOOLS**. Start with #80 and end with optional grit, for example #400.



WORLD SERIES CERAMIC
See more on page: 24

After the basic steps, you can if you want to proceed to any final step - HIGH FINISH (HF) or VERY HIGH FINISH (VHF)



REMEMBER

It's very important to choose the right tool based on your concrete floor. With the help of concrete test kit * you get the recommended tool for your floor based on a hardness index!

* Read more on page: 20

WORLD SERIES FLOOR HF (HIGH FINISH)

FOR GOOD REFINEMENT (most common) the following two methods are recommended:
From a World Series 60/80 metal tool, continue with: World Series Ceramic: 50> 100> 400 or
World Series Ceramic: 80> 200> 400

4.

Continue with the **WORLD SERIES #800 RESIN**.
Alternatively, Luteus Pads. Two or more passes will
produce the best result.



**WORLD SERIES RESIN
#800**

See more on page: 24

5.

Apply a guard product of choice , for example
WORLD SERIES SHINE.



WORLD SERIES SHINE

See more on page: 27

6.

Polish the surface with a natural fiber pad **SCANPAD
DANCER, #1500**.



**SCANPAD DANCER,
#1500**

See more on page: 26

WORLD SERIES FLOOR VHF (VERY HIGH FINISH)

FOR MAXIMUM REFINEMENT, the following is recommended:
From a World Series 60/80 metal tool, continue with:
World Series Ceramics 50> 80> 100> 200> 400

4.

Continue with the **WORLD SERIES #800 RESIN**.
Alternatively, Luteus Pads. Two or more passes will
produce the best result.



**WORLD SERIES RESIN
#800**

See more on page: 24

5.

Continue with the **WORLD SERIES RESIN #1500**.
Two or more passes will produce the best result.



**WORLD SERIES RESIN
#1500**

See more on page: 24

6.

Apply a guard product of choice , for example
WORLD SERIES SHINE.



WORLD SERIES SHINE

See more on page: 27

7.

Polish the surface with a natural fiber pads, **SCANPAD
DANCER, #1500**, followed by **#3000**.



**SCANPAD DANCER
#1500, #3000**

See more on page: 26


REMEMBER

NOTE! It is very important to clean the surface thoroughly after each grinding step, either with a vacuum cleaner or with a scrubber with only water.




WORLD SERIES FLOOR MATTE (MATTE FINISH)

- 1.** Start with optional grit of **WORLD SERIES METAL** to achieve desired aggregate exposure. End with a world series metals #60/80.




WORLD SERIES METALS #60/80
See more on page: 22-23

- 2.** Continue with the **WORLD SERIES CERAMIC TOOLS**, to achieve a scratch free and fine surface. (#80)




WORLD SERIES CERAMIC #80
See more on page: 24

- 3.** Apply one coat of a **CONCRETE HARDENER** of choice, for example World Series Proof. Follow the manufacturer's instructions to achieve full coverage of the surface.




WORLD SERIES PROOF
See more on page: 27

- 4.** Continue with the **WORLD SERIES CERAMIC TOOLS**, to achieve a scratch free and fine surface. (#100)



WORLD SERIES CERAMIC #100
See more on page: 24

- 5.** Apply a matte protective guard, for example **WORLD SERIES MAT**



WORLD SERIES MAT
See more on page: 27

GRINDING OF GRANITE, MARBLE AND NATURAL STONE

- 1.** Start with grinding down the surface if you need to remove deep scratches in the stone, with **BAUTA DOUBLE WHITE OR GREEN** (depending on your floors character). This is a medium hard tool with very fine diamonds. Works fine both dry and wet. When grinding granite, we recommend using water, or at least moisten the surface.



BAUTA DOUBLE WHITE
See more on page: 20

- 2.** After Step 1, we recommend you to grind with our **WORLD SERIES CERAMICS TOOLS #50**. This will eliminate the risk of any grind roses after Bauta Double White. It works fine to grind both wet and dry with World Series Ceramics. Always use water when grinding granite.



WORLD SERIES CERAMICS
See more on page: 24

- 3.** Continue with **WOD GREY**. If grinding is not necessary, you start right away with the WOD Grey, which then becomes your first step. WOD Grey is a unique tool that makes both wet and dry polishing possible. When you polish granite, we recommend to always using water, or at least moistens the surface.



WOD GREY
See more on page: 26

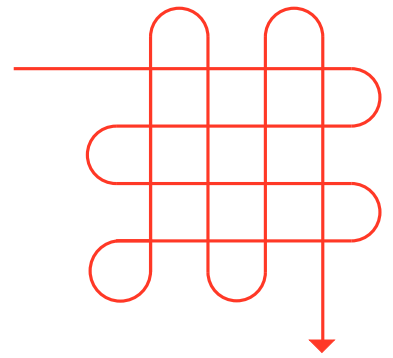
- 4.** Continue with **WOD** Black, blue, red, white, yellow and green.





GRINDING TECHNIQUES

Cross-hatching (ea, operating the grinder in a North to South then East to West grid pattern) is always recommended, both when changing grits and also when performing more than one pass per grit. Cross-hatching provides more consistent refinement across the surface and helps avoid visible lines in the floor, sometimes referred to as “cornrows”. In addition to cross-hatching, using a diagonal pattern to create a third cutting angle can also improve the refinement process.



GRINDING

The World Series metals are an aggressive metal bonded diamond tool that cuts a floor down to the proper level and removes small blemishes in the surface of the concrete. Aggregate exposure can also be determined at this stage in the grinding process.

HONING

The World Series ceramic transitional is designed to transition the scratch pattern from an aggressive metal tool profile into a highly refined surface that is ready to be polished. A decent amount of material is still being removed at this stage and the deep scratches from the metal tools are erased.

POLISHING

The World Series Resin is a high grit/ low abrasive tool that is used to polish the surface to maximum refinement. Maximum refinement should be achieved at each grit level, and is evident when the previous scratch / profile is completely gone and replaced with the new profile.

EDGES

Start with the edging and then continue with the field and keep this pattern throughout the different grits. This sequence allows the large grinder to clean up the scratch pattern from the edge tool. Any edge curl can be corrected at this stage before processing the floor with the larger grinder.

MAINTENANCE

Maintenance is often overlooked in the world of polished concrete. Therefore, we want you to remember that your floor will only perform well if it is continually maintained. The first step of maintenance is to keep the floors cleaned. A good solution is to use an auto-scrubber to absorb dirt and grit from the surface. In addition, neutral cleaners and even densifier can be added to the auto-scrubber and used while cleaning the floor. This helps keep the surface clean and shiny and can be incorporated into a daily maintenance routine.

GRINDING OF BRIDGES, GARAGES AND PARKING AREAS

For grinding bridges, garages and parking decks we recommend one of our larger grinders, as Scan Combiflex 650 and upwards. For the best and fastest results, we recommend one of our machines with radio control.

1

Remove the old layer and grind out a clean concrete surface with **TWIN TIGER, TIGER GOLD WH** or **PIRANHA**.



TIGER GOLD, TIGER GOLD WH, PIRANHA

See more on page: 18

2

If you need to remove coarse scratches after using the tiger or Piranha tool you can do it with the help of **BAUTA DOUBLE BLACK** or **WORLD SERIES METALS** in #16/20 and hardness of your choice.



BAUTA DOUBLE BLACK WORLD SERIES METALS

See more on page: 20 & 22-23

GRINDING OF WOODEN BRIDGES

1

Remove the old surface layer and work up a clean wood surface with the tool **SCRATCH WITH CLAW**.



SCRATCH WITH CLAW

See more on page: 18

2

If you need to remove coarse scratches for the use of Scratch with claw you can do it with the help of **SCRATCH ROUGH** or **SCRATCH MEDIUM**.



SCRATCH ROUGH SCRATCH MEDIUM

See more on page: 18





GRINDING OF HARDWOOD FLOORS

For grinding of wood and parquet flooring, we recommend Scanmaskin 18. Follow these steps to get optimal results; do not forget to vacuum the floor thoroughly between the different steps:

1

If you need to remove the old flooring you should use the **SCRATCH WITH CLAW**.



SCRATCH WITH CLAW
See more on page: 18

2

For rough sanding, smoothing and old wooden floors we recommend the tool **SCRATCH ROUGH**. You do this even if you have to remove paint or varnish. The result is an even, clean floor.



SCRATCH ROUGH
See more on page: 18

3

If you followed the previous steps, we recommend you to use the tool **SCRATCH MEDIUM** before proceeding to the next step.



SCRATCH MEDIUM
See more on page: 18

4

If you already have a flat floor without any coating, this is your first step. Put on the Velcro holders and middle cushion, and then attach the sandpaper. Begin with **SANDPAPER** #24 or #40, it is always best to start with a fine sandpaper to optimize the grinding process.



SANDPAPER
See more on page: 18

Continue and grind with sandpaper #60
Continue with sandpaper #100
Continue with sandpaper #120

The grinded surface is now ready for impregnation with oil or varnish.

REMOVAL WORK OF OLD COATINGS UP TO 7 MM

To this removal work we recommend our larger grinding machines. Scan Combiflex 650 up to Scanmaskin 32 World Series.

- 1** Use the tool **TWIN TIGER** alternatively **TIGER GOLD WH.**



TWIN TIGER
TIGER GOLD WH

See more on page: 18

- 2** If you need to remove coarse scratches after using the **TIGER TOOL**, you can do it with the help of **BAUTA DOUBLE BLACK** or **WORLD SERIES METALS** in #16/20 and hardness of your choice.



BAUTA DOUBLE
WORLD SERIES
METAL

See more on page:
20 & 22-23

REMOVAL WORK OF OLD COATINGS UP TO 4 MM

For this, we recommend that you use one of our smaller grinding machines, from SC 330 up to SC 500 PD

- 1** Use the tool **TIGER SILVER** alternatively **RAZORBACK.**



TIGER SILVER
RAZORBACK

See more on page: 18

- 2** If you need to remove coarse scratches after using the **TIGER TOOL**, you can do it with the help of **BAUTA DOUBLE BLACK** or **WORLD SERIES METALS** in #16/20 and hardness of your choice.



BAUTA DOUBLE BLACK
WORLD SERIES METAL

See more on page:
20 & 22-23

- 3** Here we recommend to use **BAUTA DOUBLE BLUE**. For very hard concrete we recommend **WORLD SERIES METAL** in yellow or gold in #16/20.



BAUTA DOUBLE BLUE
WORLD SERIES METAL

See more on page:
20 & 22-23

FLOOR PREPARATION BEFORE NEW COATING THICKER THAN 0,5 MM

Here we recommend to use the tool **BAUTA DOUBLE BLACK**. For very hard concrete use the tool **WORLD SERIES METAL** in yellow or gold in #16/20.

If you want to create a rough surface with your grinding machine SC 650, you can use the **BUSH HAMMER** tool on 3 mm coating. The result can be compared to the surface after using a milling machine (scaryfier) or a blasting machine.



BAUTA Double Black S



World Series Metal, #16/20






Bush hammer



How to get the best floor prep

SURFACE PREPERATION

									
	16/20 World series metals	Bauta Crush	Razorback	Tiger gold	Tiger gold WH	Twin tiger	Tiger silver	Piranha	Bush hammer
Glue / Mastic	✔ Yes	✔ Yes	✔ Yes	✘ No	✘ No	✘ No	✘ No	✔ Yes	✘ No
Floor Paint	✔ Yes	✔ Yes	✔ Yes	✘ No	✘ No	✘ No	✔ Yes	✔ Yes	✘ No
Epoxy	✘ No	✔ Yes <1mm	✔ Yes < 3mm	✔ Yes >3mm	✔ Yes <3mm	✔ Yes <3mm	✔ Yes	✔ Yes <1mm	✔ Yes
Screed / Rough Surface	✔ Yes	✔ Yes	✔ Yes	✔ Yes	✔ Yes	✔ Yes	✔ Yes	✘ No	✔ Yes
Joints & Ridges	✔ Yes	✔ Yes	✔ Yes	✔ Yes	✘ No	✘ No	✔ Yes	✘ No	✘ No

NOTES

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MACHINES-MINERALS-KNOW-HOW

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