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**»INGYI**  
Fujian Xingyi Intelligent Equipment Co, Ltd.

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[www.high-tech-grinding.com](http://www.high-tech-grinding.com)  
[www.conglory.com](http://www.conglory.com)



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# EQUIPMENT CATALOGUE

Grinding, Polishing & Surface preparation

- Planetary grinding machine
- Square rotary grinding machine
- Shot blasting machine
- Scarifier / Shaver
- Dust collector
- Power trowel polishing system

**»INGYI**



# FUJIAN XINGYI INTELLIGENT EQUIPMENT CO., LTD.

XINGYI started as a stone restoration company in 1999 and became one of the leading machine manufacturer in the industry. XINGYI manufactures high-quality floor grinders, industrial dust collectors, surface preparation equipment, and accessories, and provides services worldwide.

XINGYI focuses on research and development of high-technology innovations. In 2014, the FIRST self-propelled planetary grinding machine in China was born in XINGYI. In 2015, XINGYI developed its FIRST remote-control grinding machine that enhances productivity with smart control features. For the past 10 years, XINGYI distributed more than 50,000 units of grinders and dust collectors to over 130 countries and areas.

Our professionals expands their knowledge and development from polishing to surface preparation. In 2021, XINGYI developed the FIRST set of portable shot blasting machines with a DIGISTEER system in the world. Its Scarifying, Shaving, and Heavy-duty Grinding technologies for high-quality surface preparation are warmly welcomed in the market.

With the commitment to providing better service and support to its clients, XINGYI sets up sales & service center around the world and collaborates with local distributors and dealers. Contact us today for more information about our technologies, consumables, prices, support, and collaboration.



## RESEARCH & DEVELOPMENT

Our R&D department commits the continuous improvements of XINGYI's technologies. The core principle of our research is to enhance the development of ergonomic, durability, and environmentally friendly equipment.

## SERVICES & SALES

Our team of international experts from all over the world is happy to answer your questions and provide you with all the information you need. They are ready to assist with the best solution for your project in terms of cost, time, and productivity.



## PRODUCTION

XINGYI is located in Jinjiang City, Fujian Province, China with a manufacturing plant of 10,000 square meters. We are ISO9001 and SGS certified and all the equipment meets the CE requirements. The main components of all the equipment are produced in this factory including precision machining and assembly of gearboxes, cutting and welding of various types of machine body, painting, and assembly. All machines are assembled and tested in one factory for quality control and assurance.

## LOGISTICS AND AFTER-SALES

With the operation and service centers in USA, Canada, Mexico, Germany, Hungary, UAE, India, Thailand, Malaysia, and Indonesia, and a large network of distributors and dealers in North America, Europe, Middle East, South-Eastern Asia, we are ready to assist you, anywhere and anytime. Thanks to our great Logistics team, XINGYI is able to deliver machines and consumables worldwide with the most cost effective and timely solution.



FLOOR GRINDERS



The GX series is an upgraded version of the classic QX series with more than 10,000 clients in the last decade. There are three shapes of the gearbox: square double-head and 4-head counter-rotation grinding, and 3-disc planetary grinding. They are all built with solid steel. The machines are simple, durable, reliable and easy to operate.



PRODUCT APPLICATIONS



SIMPLE, ROBUST & PRACTICAL



	GX-500			GX-580			GX-650			GX-688				GX-720		GX-550		GX-750		GX-700		GX-820		GX-858		
Working Width	498mm			570mm			638mm			638mm				690mm		510mm		758mm		640mm		815mm		815mm		
Motor Power	5.5kW			5.5kW			9.5kW			11kW   15kW			15kW		4kW   5.5kW		11kW		11kW		15kW		15kW			
Voltage	380-480V 3P	200-240V 3P	200-240V 1P	380-480V 3P	200-240V 3P	200-240V 1P	380-480V 3P	200-240V 3P		380V 3P	or	200-240V 3P		380-480V 3P	200-240V 3P	380-480V 3P	or	200-240V 3P	or	200-240V 1P	380-480V 3P	200-240V 3P	380-480V 3P	200-240V 3P	380-480V 3P	200-240V 3P
Frequency	50/60hz			50/60hz			50/60hz			50/60hz				50/60hz		50/60hz		50/60hz		50/60hz		50/60hz		50/60hz		
Rotating Speed	350-1680rpm		350-1500rpm	350-1680rpm		350-1500rpm	350-1680rpm			350-1500rpm		350-1680rpm		350-1680rpm		350-1950rpm   350-1500rpm		350-1950rpm   350-1500rpm		350-1680rpm		350-1950rpm		350-1950rpm		
Grinding disc	270mm*4			310mm*2			348mm*4			348mm*4				380mm*4		230mm*3		256mm*3		360mm*4		278mm*4		278mm*4		
Mode of operation	Walk-behind			Walk-behind			Walk-behind			GX688 Walk-behind / GX688-A Self-propelled				GX-718 Walk-behind / GX-720 Self-propelled		Walk-behind		Walk-behind		Walk-behind		Walk-behind		Remote / Walk-behind		
Water Tank	25L			25L			30L			30L				30L		25L		30L		30L		30L		30L		
Weight	237kg			218kg		228kg	317kg			399kg		410kg		416kg		456kg	221kg		230kg	348kg		377kg		565.5kg		595.5kg
Appearance size	1667×500×1066mm			1544×580×1082mm			1980×650×1135mm			2031×650×1187mm				2177×690×1185mm		1651×520×1087mm		2126×760×1160mm		1700×650×1770mm		2171×825×1904mm		2171×825×1904mm		



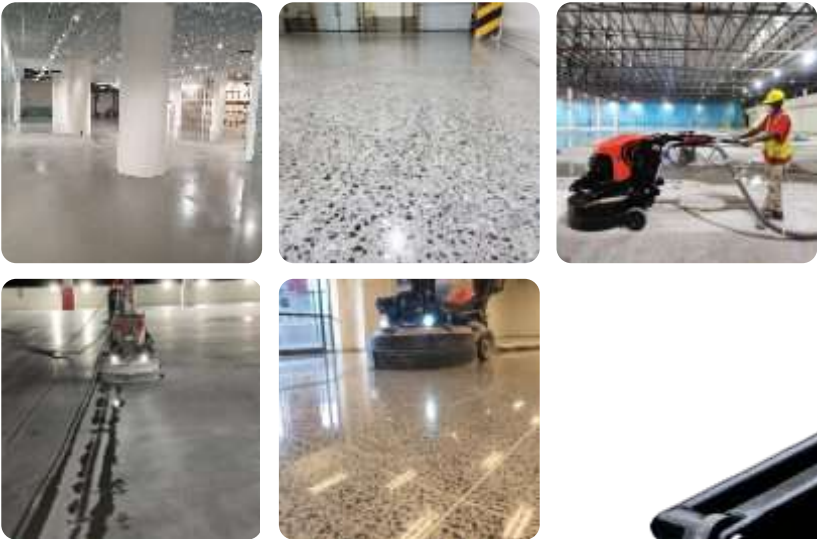
PLANETARY GRINDERS



The REMOTE CONTROL system is developed by XINGYI, with independent intellectual property rights. It has a variety of ergonomical and practical control technologies, which are stable, reliable, fast in response, and easy to operate. The keys on the control panel control the driving speed, forward and backward of the machine. Motor, wheels and lights are controlled from the centralized panel allows the operator to work ergonomically. Consistent grinding speed generates smoother and more uniform results.



PRODUCT APPLICATIONS



	955LE		850LE		800LE plus	
Working Width	955mm		815mm		793mm	
Motor Power	22kW		15kW		15kW	
Voltage	380-480V 3P	200-240V 3P	380-480V 3P	200-240V 3P	380-480V 3P	200-240V 3P
Frequency	50/60hz		50/60hz		50/60hz	
Rotating Speed	350-1950rpm		350-1950rpm		350-1950rpm	
Grinding disc	370mm*4		278mm*4		256mm*4	
Mode of operation	Remote/Self-propelled/Walk-behind		Remote		Self-propelled / Manual	
Water Tank	20L		39L		39L	
Weight	750kg		613kg		570kg	
Appearance size	2402×979×1165mm		2266×825×1107mm		2270×805×1138mm	

TOPOTENT 955LE

The LE Series machines are XINGYI's classic medium to large 4-disc planetary machines with a sheet metal body in self-propelled or remote control mode.





PLANETARY GRINDERS



The HTG series is a successful and proud innovation of XINGYI in 2014. Its unique design includes a high quality metal body and a recognizable stainless steel water tank. It is designed with an elegant outlook in different sizes from small, medium to large. As the top quality product of XINGYI, all gearboxes are manufactured with the most advanced technology. High performance dust collectors and tools are available to pair with the HTG series.



PRODUCT APPLICATIONS



PRODUCTIVITY FAMILY EXCEED  
YOUR EXPECTATION



	HTG-820RC		HTG-680RC		HTG-680SP		HTG-550plus		HTG-460	
Working Width	815mm		678mm		678mm		550mm		440mm	
Motor Power	18.5kW		11kW		11kW		5.5kW		2.3kW	1.1kW
Voltage	380-480V 3P	200-240V 3P	380-480V 3P	200-240V 3P	380-480V 3P	200-240V 3P	380-480V 3P   200-240V 3P   200-240V 1P		200-240V 1P	110V 1P
Frequency	50/60hz		50/60hz		50/60hz		50/60hz		50/60hz	
Rotating Speed	350-1950rpm		350-1950rpm		350-1950rpm		3P 350-1950rpm   1P 350-1500rpm		350-1500rpm	350-1500rpm
Grinding disc	278mm*4		230mm*4		230mm*4		230mm*3		200mm*3	
Mode of operation	Remote/ Walk-behind		Remote/ Walk-behind		Self-propelled		Walk-behind		Walk-behind	
Water Tank	25L		20L		20L		20L		15L	
Weight	620kg		548kg		528.5kg		289kg		194kg	191.5kg
Appearance size	2305×833×1165mm		2062×708×1122mm		2042×700×1137mm		1581×524×1164mm		1539×462×927mm	
	3 planetary discs available Working Width 780mm(278*3)		3 planetary discs available Working Width 660mm(230*3)							





PLANETARY GRINDERS



TANK  
HIGH TECH GRINDING

TANK injects new vitality into digital grinding. Every time you operate, every time you grind, every time you touch, you will experience the future star product of XINGYI. XINGYI creates unique grinding pleasure.

PRODUCT APPLICATIONS



RIDE-ON REMOTE GRINDER TANK  
AND NEW ENERGY SERIES



	TANK-2500	TANK-1680GBD	TANK-1500	TANK-1588
Working Width	2400mm	1688mm	1550mm	1502mm(45°)
Motor Power	18.5kW*3 / 75HP	22.4kW*2 / 60HP	22kW*2 / 59HP	18.5kW*2 / 50HP
Voltage	600V	380-480V 3P	380-480V 3P	380-480V 3P
Frequency		50/60hz	50/60hz	50/60hz
Rotating Speed	450-1950rpm	450-1950rpm	450-1950rpm	450-1950rpm
Grinding disc	278mm*12	315mm*8 (24Pads & 48Pads)	278mm*8 (24Pads & 48Pads)	315mm*8 (24Pads & 48Pads)
Mode of operation		Remote/Semi-auto pilot	Remote/Semi-auto pilot	Remote/Semi-auto pilot
Water Tank	180L	20L	20L	20L
Weight	6000kg	3050kg	2839kg	2235kg
Appearance size	5745×2410×2506mm	3073×1628×2396mm	3453×1590×2239mm(Dust collector included)	3050×2140×1600mm
Motor	25KW/33.5HP	7.5KW*2/20HP	7.5 kW / 10 hp	
CFM	1647	1176	588	
Vacuum	40 kPs	40 kPa	35 kPa	
HEPA H13 filter	3.86 m³> 99.99%@0.3um	3.86 m³> 99.99%@0.3um	3.86 m³> 99.99%@0.3um	
Filter cleaning	Automatic jet-pulse	Automatic jet-pulse	Automatic jet-pulse	
Dust collection	Continuous drop-down bag	Continuous drop-down bag	Continuous drop-down bag	
Air flow	2800 m³/h	2000 m³/h	1000 m³/h	
Optional	wet vacuum	wet vacuum	wet vacuum	





SUPPLEMENTARY PRODUCTS / DUST COLLECTOR

The supplementary products include edge grinder and the high speed polishing machine needed for the whole grinding and polishing process.



PRODUCT APPLICATIONS



	HTG-250VS	HTG-250D	HTG-27S	HTG-DIP-HD027 Burnishing Pads
Working Width	250mm	250mm	690mm	Grit400# 800# 1500# 3000#
Motor Power	3kw	2.2kw	7.5kw	Specification27"
Voltage	380-480V 3P   200-240V 1P/3P	200-240V 1P/3P	380-480V 3P   200-240V 3P	
Frequency	50/60hz	50hz   60hz	50/60hz	
Rotating Speed	350-1500rpm	1500rpm	350-1500rpm	
Grinding disc	250mm*1	250mm*1	690mm*1	
Water Tank	/	10L	/	
Weight	60kg	60kg	179kg	
Appearance size	1200×465×933mm	1200×465×933mm		

HIGH-TECH-GRINDING DUST COLLECTOR  
CLEANING AND DUSTLESS OPERATION

The right diamond tools on a right equipment generate better finishing. Various metal segments are designed for wet or dry applications. It is designed for aggressive grinding and exceptional durability. Resin pads are designed to achieve the best performance on original concrete and terrazzo floor.

PRODUCT APPLICATIONS



	IVC-F65L	IVC-33L	IVC-V1A	IVC-V2	IVC-V3	IVC-45L	CD-553B	cyclone pre-seperator
Motor Power	2.2 kW	3.3 kW	1.8 kW	2*1.2 kW	3.3 kW	5.5 kW	7.5 kW	
Voltage	220V 1P	220V 1P   110V 1P	DC24	220V 1P	220V 1P   110V 1P	380V 3P   220V 3P	380V 3P   220V 3P	
Weight	68kg	105kg	105kg	80kg	92kg	223.5kg	249kg	60kg
Vacuum	22 kPa	22 kPa	16 kPa	22 kPa	22 kPa	30 kPa	40 kPa	
Vacuum Port								Φ80mm
Maximum flow	385m <sup>3</sup> /h	537m <sup>3</sup> /h	420m <sup>3</sup> /h	410m <sup>3</sup> /h	537m <sup>3</sup> /h	600m <sup>3</sup> /h	1100m <sup>3</sup> /h	
Filtration level	1.5m <sup>2</sup> HEPA H13	1.5m <sup>2</sup> HEPA H13		1.5m <sup>2</sup> HEPA H13	2.8m <sup>2</sup> +2m <sup>2</sup> HEPA 13	cyclone+2.8m <sup>2</sup> HEPA H13	3.36m <sup>2</sup> HEPA 13	
Filter cleaning	Shaking back and forth	Shaking back and forth	Jet pulse by manual	Jet pulse by manual	Jet pulse by manual	Jet pulse by manual	Automatic jet-pulse	
Hose	50mm	50mm			50/63/80mm	50/63/80mm	50/63/80mm	
Collection	Barrel	continuous drop-down bag		continuous drop-down bag	continuous drop-down bag	continuous drop-down bag	continuous drop-down bag	
Appearance size	760×565×983mm	790×711×1510mm	610×670×1325mm	800×530×1470mm	950×490×1143mm	1250×711×1930mm	1285×629×1490mm	450×566×1654mm





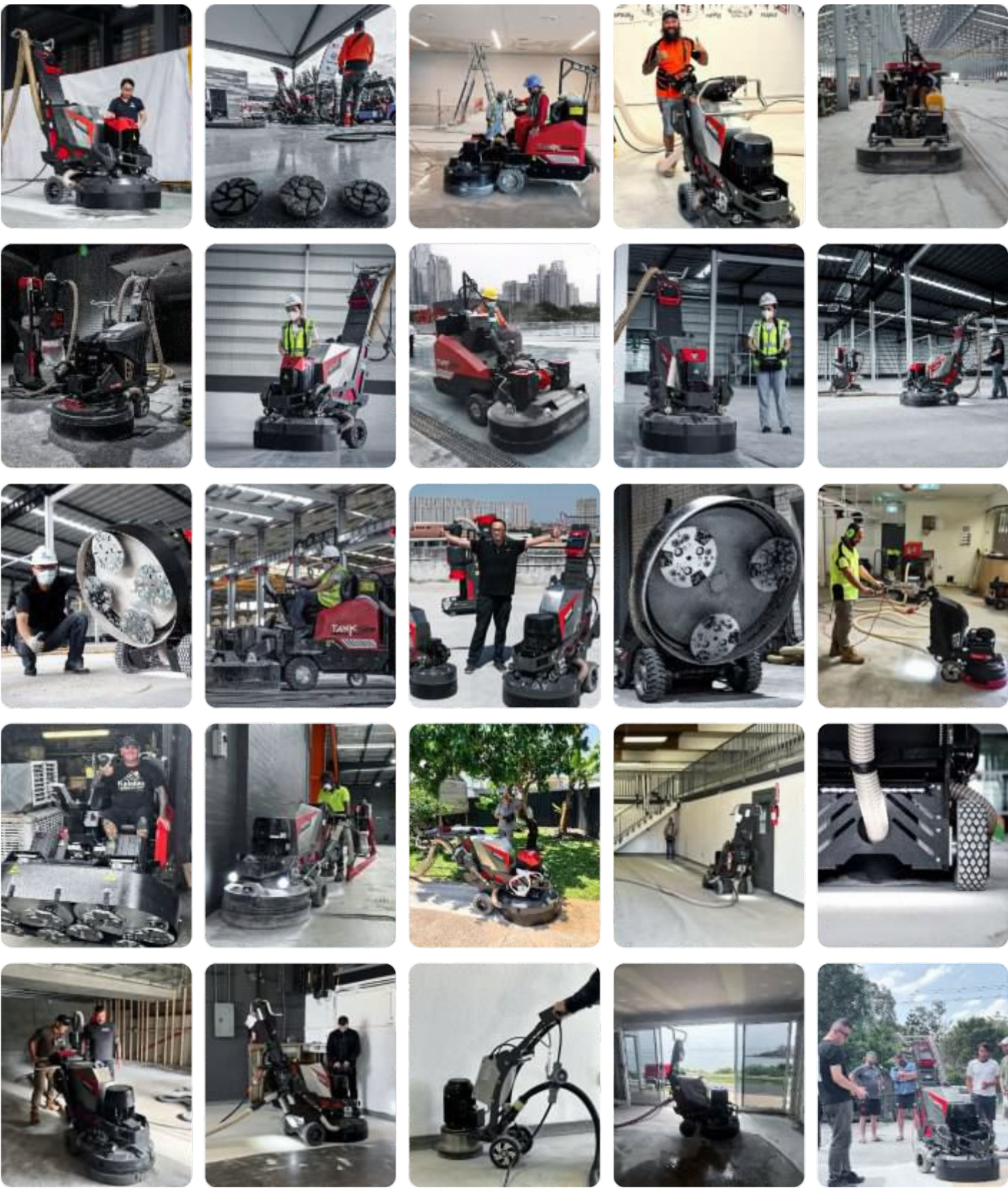
# PROPANE MACHINE

The HTG propane machine is available in BRIGGS & STRATTON, KOHLER and ONYX engines. Some other brands need to be sourced locally for after sales support.

## PRODUCT APPLICATIONS

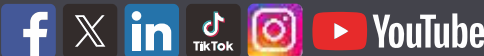


	HTG-800-3P		HTG-680-3P		IVC-553P	
Working Width	800mm		660mm		10hp	
Power	Vapor Propane		Vapor Propane		Vapor Propane	
Engine	31hp		27hp		40 kPa	
Variable Speed	2500rpm		2500rpm		600m³/h	
Grinding disc	278mm³		230mm³		175.5kg	
Grinding Pressure	306.5-216kg		264-182.5kg	284-204kg	1354.5×607.9×1608.5mm	
Mode of operation	Walk-behind		Walk-behind	Self-propelled		
Weight	552kg		443kg	536kg		
Appearance size	2345×825×1237mm		2136×701×1240mm			



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Xingyi Machine Global



YOUR ONE STOP  
FLOORING SOLUTION

www.xingyimachine.com





## CONGLORY SINGLE HEAD / TWIN HEADS HEAVY-DUTY GRINDERS TO LEVEL UNEVEN FLOORS AND REMOVE THICK COATINGS

CONGLORY’s single and twin-headed floor grinder has an user friendly design with adjustable speed, is an ideal equipment for waterproofing, coating, decorative flooring, decontamination and demolition. It is ideal for leveling uneven floor and removing old paints / coatings / glues.

### PRODUCT APPLICATIONS



	CG-580	CG-250
Working Width	570mm	250mm
Motor Power	5.5kw	5.5kw
Voltage	380-480V 3P   200-240V 1P/3P	380-480V 3P   200-240V 1P/3P
Frequency	50/60hz	50/60hz
Rotating Speed	350-1500rpm	350-2000rpm
Grinding disc	310mm*2	250mm*1
Weight	201kg	183kg
Appearance size	1487×572×944mm	1716×435×1225mm

### OPTIONAL ABRASIVES



## CONGLORY SCARIFIER AND SHAVER TO LEVEL LARGE SURFACES OR REMOVE THICK COATINGS

CONGLORY’s scarifier removes difficult coatings such as glue, rubber, thermal plastic and other coatings on concrete and asphalt surface. With a shaving function on the same machine, it removes almost everything.

### PRODUCT APPLICATIONS



	CS-320E	CS-250E	CS-200E
Motor Power	15 kW / 20 hp	7.5 kW / 10 hp	1.5 kW   2.2 kW   1.1 kW
Voltage	380V/220V 3P	380V/220V 3P	220V 1P   110V 1P
Weight	315kg + 110kg weighted iron *	170kg	60kg
Working depth	6-10mm	3-5mm	1-3mm
Working Width	320mm	250mm	200mm
Operate	0-23m/min self-propelled	Walk behind / with disc break	Walk behind / with disc break
* (excluding hub and cutter)			

### CS320E ACCESSORIES



### CS250E ACCESSORIES



### CS200E ACCESSORIES







# CONGLORY SHOT BLASTER TO CLEAN AND RETEXTURE CONCRETE OR ASPHALT, STEEL

CONGLORY closed-circuit shot blaster is an environmental-friendly process for different applications such as:

- To clean and prepare steel, concrete and asphalt surfaces
- To remove top layers such as paint and epoxy
- To remove markings & rubber on roads, runways, industrial floors and more
- To improve skid resistance on roads and runways
- To generate aesthetics effects for roads, highways and runways

## PRODUCT APPLICATIONS



## SHOT BLASTER DUST COLLECTOR



	CB1-10E		CD-556B		CB2-20E		CD-756B		CB1-10E7		CD-553B	
Motor Power	11 kW		4 kW		11 kW*2		7.5 kW		7.5 kW		7.5 kW	
Voltage	380V 3P   220V 3P		380V 3P		380V 3P   220V 3P		380V 3P		380V 3P   220V 3P		380V 3P   220V 3P	
Weight	395kg		647kg		570kg		647kg		249kg		249kg	
Working Width	250mm				550mm				250mm			
Production rate	> 150 m <sup>2</sup> / h				> 300 m <sup>2</sup> / h				> 50 m <sup>2</sup> / h			
Operate	DIGI-steer systems with integrated drive 0-23m/min self-driver				DIGI-steer systems with integrated drive 0-20m/min self-driver				0-20m/min self-driver			
Vacuum			250mm				250mm				40 kPa	
Maximum flow			1100m <sup>3</sup> /h				1600m <sup>3</sup> /h				1100m <sup>3</sup> /h	
Filter cleaning			Automatic jet-pulse				Automatic jet-pulse				Automatic jet-pulse	
Hose			150 mm				150 mm				80 mm	
Collection			continuous drop-down bag				continuous drop-down bag				continuous drop-down bag	
Appearance size	1985×490×1200mm		1550×943×1710mm		2209×823×1199mm		1550×943×1710mm		1800×430×1130mm		1285×629×1490mm	

## MACHINE ADVANTAGES



DIGI-Steer technology



Battery power for transportation



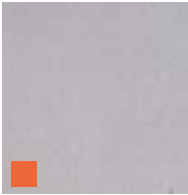
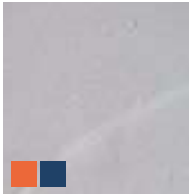

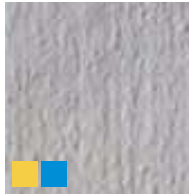


Abrasive flow controlled by Digisteer



Digital steel shot flow control Applicable to a variety of steel shot models (S330-S550)



These Concrete Surface Profiles were developed by the International Concrete Repair Institute (ICRI), are divided into ten classifications (CSP 1-10) of surface textures based on the average distance from the peaks of the surface to the valleys. They are accepted industry standards to help guide the installer achieve the proper texture for successful bonding of the overlay or coating. The lower number profiles are smoother (CSP 1 is nearly flat), and the higher numbers have more “tooth” and get progressively rougher.

										
Recommended surface preparation technique for different CSP	<b>CSP-1</b>	<b>CSP-2</b>	<b>CSP-3</b>	<b>CSP-4</b>	<b>CSP-5</b>	<b>CSP-6</b>	<b>CSP-7</b>	<b>CSP-8</b>	<b>CSP-9</b>	<b>CSP-10</b>

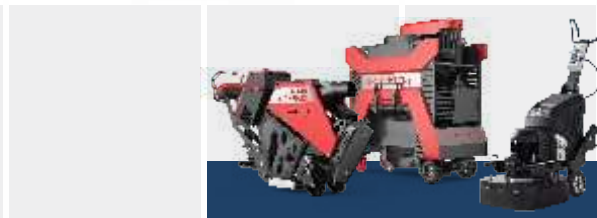
Sealers:  
0-3 mils / 0-0.075 mm

CSP1—CSP2



Thin Films:  
4-10 mils / 0.1-0.25 mm

CSP2—CSP3



High-Build Coatings:  
10-40 mils / 0.25-1 mm

CSP3—CSP5



Self-Leveling Toppings:  
50 mils-1/8 inch / 1.25-3.175 mm

CSP4—CSP6



Polymer Overlays:  
1/8 inch-1/4 inch / 3.175-6.35mm

CSP5—CSP9



Concrete Overlays & Repair Materials:  
1/4 inch+ / 6.35 mm+

CSP5—CSP10





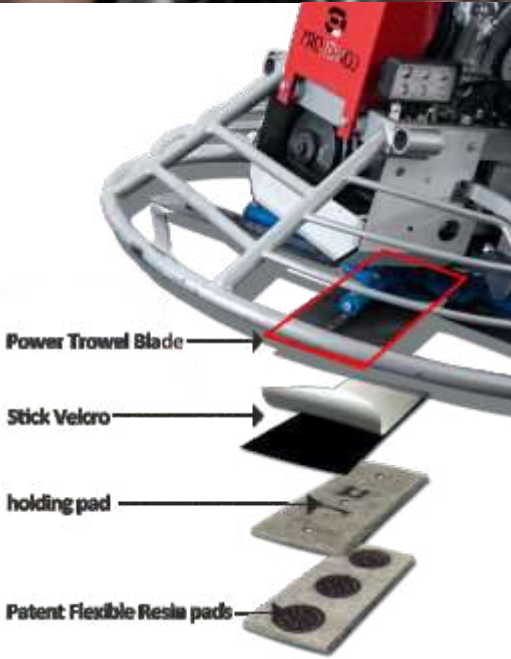
# CONGLORY® FAMILY



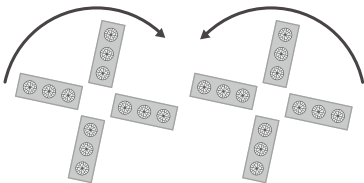
## CONGLORY POWER TROWEL LEVELLING AND SMOOTHING OF CONCRETE SURFACES

### SHEENCRETING SYSTEM

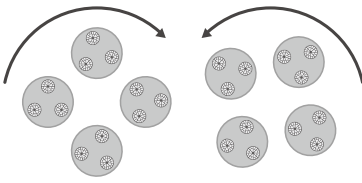
CONGLORY's patented trowel polishing system - Sheencreting, enables you to switch from a power trowel to a polishing machine in 10 minutes. The mounting pad with a preinstalled patented resin disc is suitable for direct mounting on a trowel blade or any other mounting plate in the market. Different polishing effect can be achieved by using the right tools.



Installation mode I



Installation mode II



The Conglory CRP-1950 and CRP-1580 ride-on power trowel machine can be used for polishing with Sheencreteing system kits, with high polishing productivity up to 300 to 500 square meters per hour.



	CRP-2390H	CRP-1970D	CRP-1950	CRP-1580	CRP-1620	CMT-980
Power	26kW / 35hp	18kW / 24hp	13kW / 17hp	7.8kW / 10hp	17kW / 23hp	4kW / 5hp
Working Size	2390mm/94in	1970mm/78in	1950mm/77in	1580mm/62in	1620mm/64in	980mm/39in
Speed	175rpm	175rpm	160rpm	165rpm	155rpm	150rpm
Weight	520kg	430kg	360kg	230kg	363kg	82kg
Engine	B&S 613477	Honda GX 690	Honda GX 690	B&S 420CC	B&S vanguard 23hp/ customized and propane engine	Honda GX 160
Size, mm	2500×1250×1530	2020×1120×1520	2000×1020×1335	1690×845×1020		1850×980×1000

### PRODUCT APPLICATIONS



	MODEL	DESCRIPTION	SIZE	THICKNESS, MM	MACHINE USE	PACKAGE SIZE, MM
A	XYTB-1580	finishing 65Mn	145×295 5×12"	2.0	CRP-1580	360×170×45
B	XYTB-20414	finishing 65Mn	150×355 6×14"	1.6	CMT-980 / CRP-1970D CRP-1950	360×170×45
C	XYTB-20479	finishing 65Mn	200×355 8×14"	1.6	CMT-980 / CRP-1970D CRP-1950	360×220×45
D	XYTB-20410	finishing 65Mn	150×460 6×18"	1.6	* CRP-2390H	360×170×45
E	XYTB-20480	comb 65Mn	200×460 8×18"	1.6	* CRP-2390H	470×220×45

\* The machine is 5-axis, equipped with 5 pieces/couple



	MODEL	DESCRIPTION	SIZE	THICKNESS, MM	MACHINE USE	PACKAGE SIZE, MM
F	XYTB-11691	Buckle 4pcs 65Mn	815mm/32in	3.0	CRP-1580	1100×1150×320 10 pcs
G	XYTB-11691	Buckle 8pcs 65Mn	940mm/37in	3.0	CMT-980 / CRP-1970D CRP-1950	960×960×1200 50 pcs
H	XYTB-11414	Buckle 8pcs 65Mn	1175mm/46in	3.0	CRP-2390H	1200×1200×1200 50 pcs
I	XYTB-3505	Buckle 5pcs 65Mn	1175mm/46in	3.0	CRP-2390H	1200×1200×1200 25 pcs



CONCRETE PAVEMENT-LASER SCREED MACHINE



PRODUCT APPLICATIONS



LASER SCREED MACHINE	ENGINE	LASER SYSTEM (STANDARD)	SUSPENSION	SCREED HEAD WIDTH	TRAVEL DRIVE	WALKING SPEED	WEIGHT	APPEARANCE SIZE	DESCRIPTION
CTP-2525W	Honda GX 690	Japan Topcon H5A transmitter Swiss Leica MS720 receiver	stationary	2525mm/99in	Low-speed high-torque turbine reducer + hydraulic drive motor	0-3km/h	1100kg	3500×2850×1700mm	Upgrade: Loncin 28HP engine, which can be equipped with 2955mm working head, higher construction efficiency.
CTP-2525WD	Honda GX 690	Japan Topcon H5A transmitter Swiss Leica MS720 receiver	stationary	2525mm/99in	Low-speed high-torque turbine reducer + hydraulic drive motor	0-3km/h	950kg	3250×2850×1320mm	Intelligent steering wheel operation mode, flexible control, comfortable seat with backrest; Optional: Loncin 28HP engine, which can be equipped with 2955mm working head, which has higher construction efficiency.
CTP-2955W	35HP imported from the United States Briggs & Strats Engine	Japan Topcon H5A transmitter Swiss Leica MS720 receiver	stationary	2955mm/116in	Planetary reducer	0-3km/h	1200kg	3500×3300×1700mm	Planetary reducer drive, electronically controlled walking and steering are adopted, and the construction is more stable.
CTP-2955B	Yanmar 4TNV94L Upgradeable Yanmar 4TNV98C(58HP)	Japan Topcon SV2S display double-slope transmitter Japan Topcon LS-B200W receiver	Telescopic stroke 6 meters	2955mm/116in	Hydraulic four-wheel drive	0-3km/h	6500kg	7300×2300×2300mm	This model of machine is capable of 360° rotation and is equipped with a 3/6m telescopic boom and one-key outrigger leveling control; 18 square meters of concrete can be leveled each time, and the flexible and efficient hydraulic system can control the height of the scraper and the cloth spiral to maintain the flatness of the screed-coat;
CTP-4070B	Yanmar 4TNV98T	Japan Topcon SV2S display double-slope transmitter German Moba LS3000 receiver	Telescopic stroke 6 meters	4070mm/160in	Hydraulic four-wheel drive	0-6km/h	8500kg	8600×2350×2980mm	This model of machine is capable of 360° rotation and is equipped with a 4/6m telescopic boom and one-key outrigger leveling control; 24 square meters of concrete can be leveled each time, and the flexible and efficient hydraulic system can control the height of the scraper and the cloth spiral to maintain the flatness of the screed-coat;


























More than 100,000 units of machine in use on construction sites around the world by the end of 2023.

Correct diamond tools work with the high technology equipment generates better finish.




Metal segments are designed for wet or dry floor applications with different bonds for different floor qualities. It is designed for aggressive scratching and exceptional durability with strong grinding capabilities.

Resin pads are designed to get good working efficiency on original concrete and terrazzo floors.

Type	Specification	Grit	Bond
 HTG-2T	2*40*10*10mm	16#30#60#120#	VHB HB MB SB VSB XSB
 HTG-2Y	2*24*13mm	30#60#120#	VHB HB MB SB VSB
 HTG-3Y	3*24*13mm	30#60#120#	VHB HB MB SB VSB
 HTG-2C	2*12*12*38mm	16#30#60#120#	HB MB SB VSB
 HTG-2L	2*13*16*35mm	16#30#	VHB HB MB SB VSB
 HTG-4T	100mm*4*40*10*10mm	16#30#60#120#	VHB HB MB SB VSB
 HTG-2PCD-1C	2*1/3PCD *8mm*1C-Left/Right		
 HTG-2CPCD	2*12*12*40 with split PCD		
 Bush hammers	Teeth No.45		
 HTG-DGW-CW	250mm*20T*40*10*10mm	16#30#	MB SB

Type	Specification	Grit	Application
 HTG-4CW2	4"*6mm	50# 100# 200# 400#	Wet polishing
 HTG-C3510	3.5"*10mm	50# 100# 200# 400# 800# 1500# 3000#	Dry polishing
 HTG-XR	3"*10mm	50# 100# 200# 400# 800# 1500#	Dry polishing
 Star-Resin Polishing Pads HTG-C310	3"*10mm	50# 100# 200# 400#	Dry polishing
 HTG-XZ	3"*10mm	400#800#1500#3000#	Dry polishing
 Ceramic Transitional Diamond Grinding pad	3"*10mm	50# 100# 200#	Dry/Wet
 Velcro plate adapter	Fits all standard XINGYI and HTG series chassis.		For all planetary disc equipment



Type	Specification	Grit
 RFP-38 Premium polishing pads	Diameter: 7" 9" 11"	50# 100# 200# 400# 800# 1500# 3000#
 HTG-CDW810 circular polishing pad	Diameter: 8" 9" 10"	50# 100# 200# 400# 800# 1500# 3000#
 Sunshine polishing pad	Diameter:4" 8" 9" 10" 17" 21" 27"	50# 100# 200# 400# 800# 1500# 3000#





The choice of diamond tools depends on the equipment you use, the expected cutting level, the hardness of the bond and the starting grit you need.

HTG

Diamond tools

XINGYI provides full range of diamond tools for different applications.

recommended rotation speed (RPM) of planetary discs

350

400

500

600

800

1000

1200

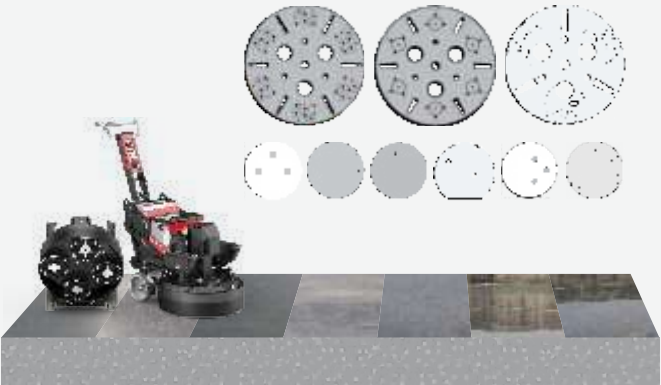
1500

1950

Diamond Grinding Steps / grit

Type	HTG-2T	HTG-2Y	HTG-3Y	HTG-2C	HTG-2L	HTG-4T
#16						
#30						
#60						
#120						

- Change tools to ceramic or resin pads
- Remove scratches made by metal discs
- Fill and repair pin holes
- Spray densifier according to material specs
- Check roughness with RA meter after each step
- Polish to final gloss and DOI



Type	ceramic type	HTG-C3510	HTG-XR	HTG-C310/HTG-XZ	HTG-4CW2			
#50								
#100								
#200								
#400								
#800								
#1500								
#3000								

The mounting pad with the pre-installed patent designed resin discs is suitable for direct mounting on a trowel blade or other form of mounting plate in the market. Different polishing effects from cream to fine aggregate can be obtained by selecting the grit number of 1#-6#.



Sheenceling Power trowel Polishing system  
Suitable on Dry Shake hardener and refine procession

1#		
2#		
3#		
4#		
5#		
6#		

Burnishing machine and pad

400

800

1500

3000