



XINGYI
MACHINE USA



2026 PRODUCT CATALOG

FLOOR MACHINES

Professional Concrete Polishing & Surface Preparation Equipment

- Concrete Floor Grinders
- Surface Prep Machines
- Industrial Dust Extractors
- Auto-Scrubbers

XINGYI MACHINE USA

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CE SGS

LEADING

CONCRETE

FLOORING

REVOLUTION

◎ PRECISION GEAR DRIVE

Our in-house CNC gear manufacturing ensures maximum transmission efficiency, reduced maintenance, and long-term reliability.

◎ BATTERY-POWERED TRANSPORT & SELF-PROPELLED SYSTEM

Easily move the machine on job sites—including ramps up to 20°—without external power. During operation, the self-propelled drive reduces operator fatigue and boosts productivity on large projects.

◎ SMART DIGITAL CONTROL

The intelligent control system provides real-time feedback and precise adjustment for consistent grinding performance.

◎ INDUSTRY-LEADING WARRANTY

Every Xingyi machine is backed by reliable warranty coverage and professional global service.

TANK-1500 Ride-on Planetary Grinder

TANK-1500 is Xingyi's largest ride-on planetary grinder, designed for large-scale concrete surface preparation projects.

Its intelligent control system automatically adjusts grinding pressure to ensure consistent performance and maximum efficiency.

Available with cockpit control or remote control for flexible operation.



Features

- ✓ Dual planetary grinding heads.
- ✓ Automatic pressure adjustment.
- ✓ Front & rear cameras.
- ✓ Hydraulic lifting system.
- ✓ Battery transport system.
- ✓ Mist cooling system.
- ✓ Detachable grinding head and vacuum make loading and unloading easy.

Specification

Motor	2×22 kW / 2×30 HP
Power	3×480 V
FLA	90 A
Weight of body (without vacuum)	3826 lb
Weight of grinding head	1667 lb
Grinding pressure	2160 lb
Grinding width	61"
Grinding discs	8×11"
Grinding disc speed	280-1200 RPM
Planetary disc speed	30-127 RPM
Dimensions (L×W×H)	98" x 68" x 65"
Water tank	25 L

Dust collector

Motor	7.5 kW / 10 HP
Weight	820 lb
CFM	411
Vacuum	30 kPa
Cyclone separator	>90%
Filter	1.28 m ² > 99.99% @ 0.3um, HAPA H13, 6 total
Filter cleaning	Automatic Pulse Jet Cleaning System
House	3"
Dust collection	Longopac
Dimensions (L×W×H)	61" x 43" x 67"

REMOTE-CONTROL PLANETARY GRINDERS

955-LE

Features

- ✓ Ride-on design for improved comfort and productivity.
- ✓ Three operation modes: remote control, self-propelled, and manual.
- ✓ Battery-powered transport and self-propelled system.
- ✓ Integrated mist cooling system for better dust control and tool life.
- ✓ Adjustable weights with three preset positions for optimal grinding pressure.

Specification

Motor	22 kW / 30 HP	Grinding disc speed	210-700 RPM
Power	3×480 V	Planetary disc speed	18-60 RPM
FLA	40 A	Dimensions (L×W×H)	70"×43"×47"
Weight	1675 lb	Water tank	39 L
Grinding pressure	1058-793 lb	Accessories included	Remote control kit; Transport wheel kit
Grinding width	38"		
Grinding discs	4×15"		



HTG-820RC

Features

- ✓ Auto Pilot Function.
- ✓ Large HMI Operation Screen.
- ✓ Dual Operation Modes: remote-control and manual.
- ✓ Battery-powered transport and self-propelled system.
- ✓ Integrated mist cooling system for better dust control and tool life.
- ✓ Adjustable weights with three preset positions for optimal grinding pressure.

Specification

Motor	18.5 kW / 25 HP, 15 kW / 20 HP	Grinding disc speed	280-1200 RPM
Power	3×480 V, 3×240 V	Planetary disc speed	30-127 RPM
FLA	30 A, 55 A	Dimensions (L×W×H)	75"×33"×76"
Weight	1377 lb	Water tank	20 L
Grinding pressure	651-430 lb	Accessories included	Remote control kit; Transport wheel kit
Grinding width	32"		
Grinding discs	4×11"		



SELF-PROPELLED GRINDERS

HTG-800SP

Features

- ✓ Dual Operation Modes: self-propelled, and manual.
- ✓ Battery-powered transport and self-propelled system.
- ✓ Integrated mist cooling system for better dust control and tool life.
- ✓ Adjustable weights with three preset positions for optimal grinding pressure.

Specification

Motor	15 kW / 20 HP	Grinding discs	4×10"
Power	3×480 V, 3×240 V	Grinding disc speed	280-1200 RPM
FLA	30 A, 52 A	Planetary disc speed	30-127 RPM
Weight	1356 lb	Dimensions (L×W×H)	75"×33"×76"
Grinding pressure	651-430 lb	Water tank	20 L
Grinding width	31"	Accessories included	Transport wheel kit



HTG-680SP

Features

- ✓ Dual Operation Modes: self-propelled, and manual.
- ✓ Battery-powered transport and self-propelled system.
- ✓ Integrated mist cooling system for better dust control and tool life.
- ✓ Adjustable weights with three preset positions for optimal grinding pressure.

Specification

Motor	11 kW / 15 HP	Grinding discs	3×9"
Power	3×240 V, 1×240 V	Grinding disc speed	280-1200 RPM
FLA	35 A, 60 A	Planetary disc speed	30-127 RPM
Weight	1162 lb	Dimensions (L×W×H)	49"×30"×52"
Grinding pressure	555-375 lb	Water tank	15 L
Grinding width	27"	Accessories included	Transport wheel kit



COMPACT GRINDERS

HTG-550 PRO



Features

- ✓ Detachable grinding head makes loading and unloading easy.
- ✓ Integrated mist cooling system for better dust control and tool life.
- ✓ Adjustable weights with three preset positions for optimal grinding pressure.

Specification

Motor	5.5 kW / 8 HP	Grinding discs	3×9"
Power	1×240 V	Grinding disc speed	175-750 RPM
FLA	30 A	Planetary disc speed	50-225 RPM
Weight	598 lb	Dimensions (L×W×H)	40"×22"×40"
Grinding pressure	388-319 lb	Water tank	15 L
Grinding width	22"		

HTG-460 PRO



Features

- ✓ Detachable grinding head makes loading and unloading easy.
- ✓ Integrated mist cooling system for better dust control and tool life.
- ✓ Adjustable weights with three preset positions for optimal grinding pressure.

Specification

Motor	1.8 kW /2.5 HP, 3 kW / 4 HP	Grinding discs	3×8"
Power	1×110 V , 1×240 V	Grinding disc speed	175-750 RPM
FLA	20 A, 15 A	Planetary disc speed	50-225 RPM
Weight	425 lb	Dimensions (L×W×H)	40"×22"×40"
Grinding pressure	310-243 lb	Water tank	15 L
Grinding width	18"		

COUNTER-ROTARY GRINDERS

GX-700



Features

- ✓ Very stable due to opposing rotational forces.
- ✓ Easy to control on rough or uneven surfaces.
- ✓ Ideal for coating removal and aggressive grinding.
- ✓ Suited for medium-size to large-size work.

Specification

Motor	11 kW /15 HP	Grinding width	25"
Power	3×240 V, 1×240 V	Grinding discs	4×14"
FLA	38 A, 60 A	Revolution speed	350-1680 RPM
Weight	830 lb	Dimensions (L×W×H)	57"×34"×51"
Grinding pressure	583-510 lb	Water tank	30 L

GX-580



Features

- ✓ Very stable due to opposing rotational forces.
- ✓ Easy to control on rough or uneven surfaces.
- ✓ Ideal for coating removal and aggressive grinding.
- ✓ Better suited for residential work.

Specification

Motor	5.5 kW /8 HP	Grinding width	23"
Power	1×240 V	Grinding discs	2×12"
FLA	30 A	Revolution speed	350-1500 RPM
Weight	480 lb	Dimensions (L×W×H)	63"×23"×36"
Grinding pressure	226-200 lb	Water tank	25 L

EDGER

250-VS



Features

- ✓ Dual Dust Cover Options allow the machine to handle edge grinding or aggressive coating removal efficiently.
- ✓ Wheel Level Adjustment help maintain perfect machine balance and grinding level on uneven floors.
- ✓ Adjustable Grinding Angle can be adjusted to reach narrow spaces, corners, and areas close to walls.
- ✓ Multi-Application Tooling System, allowing one machine to perform multiple applications such as:
coating removal / concrete grinding / surface preparation / polishing

Specification

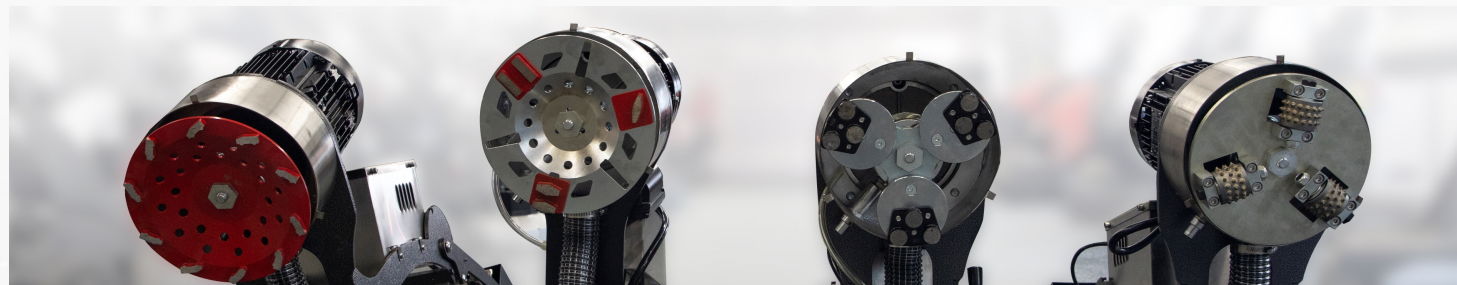
Motor	3 kW/ 4 HP	Grinding pressure	90 lb
Power	1×240 V	Grinding width	10"
FLA	16 A	Grinding disc speed	350-1500 RPM
Weight	143 lb	Dimensions (L×W×H)	31"×18"×30"
Multiple use	10"cup-wheel / bush hammer/ metal pads / resin pads		

250-D



Specification

Motor	2.2 kW/ 3 HP	Grinding pressure	80 lb
Power	1×110 V	Grinding width	10"
FLA	25 A	Fixed speed	1500
Weight	133 lb	Dimensions (L×W×H)	31"×18"×30"
Multiple use	10"cup-wheel / metal pads / resin pads		



BURNISHER

HP-27S



Features

- ✓ Large pad size increases productivity and allows faster coverage.
- ✓ High RPM burnishing delivers a brilliant high-gloss finish on floors.
- ✓ Perfect for maintaining polished concrete floors and restoring high-gloss shine.

Specification

Motor	7.5 kW/ 11 HP	Burnishing width	27"
Power	1×240 V	Grinding disc speed	350-1500 RPM
FLA	30 A	Dimensions (L×W×H)	42"×27"×44"
Weight	395 lb		

HEAVY-DUTY SCARIFIER/ SHAVER

CS-320E USPRO



Features

- ✓ Efficiently removes tough coatings, thick layers, and uneven surfaces, while also leveling floors.
- ✓ Equipped self-propelled system, reduce operator effort and allowing more ergonomic operation without constant handle pressure.
- ✓ Easily swap different drums to switch between scarifying and shaving applications.

Accessories included



Drum mounted with 96 TCT Cutters (8pt) and 4 shifts



Drum mounted with 81 diamond blades(Φ230mm) and 160 spacers

Specification

Motor	15 kW / 20 HP	Additioanl weight	243 lb (3 pics)
Power	3×480 V	Working width	12.5 in
FLA	26 A	Working Depth	max. 1/2"
Weight	784 lb	Dimensions (L×W×H)	54"×27"×44"

THREE-PHASE DUST EXTRACTORS

CD-553B



Features

- ✓ High-performance motor delivers reliable performance.
- ✓ High airflow capacity ensures efficient dust collection.
- ✓ Powerful vacuum suction and filtration system capture fine dust and heavy debris effectively.
- ✓ Automatic Jet Pulse Filter Cleaning keeps filters clear and reduces downtime.
- ✓ Perfect for use with large concrete grinders, scarifiers, and shot blasters requiring high-capacity dust extraction.

Specification

Motor	7.5 kW / 10 HP	Filter	3.36 m ² > 99.99% @ 0.3 μm, HAPA H13
Power	3×480 V, 3×240 V	Filter cleaning	Auto Jet Pulse
FLA	12 A, 26 A	Hose	2" / 3"
Weight	548 lb	Dust Collection	Longo-pac bags
CFM	650	Dimensions (L×W×H)	51"×25"×59"
Vacuum	40 kPa		

IVC-45L



Features

- ✓ Cyclone preseparator removes most heavy dust and debris, improving extraction efficiency and prolonging filter life.
- ✓ The adjustable CFM allows the vacuum to match the airflow requirement of different machines, ensuring efficient and optimized dust extraction.
- ✓ The lift-able design for the filter chamber makes it easy for work and transport.
- ✓ Ideal for large concrete grinders requiring high-capacity dust extraction.

Specification

Motor	5.5 kW / 7.5 HP	Filter	2.8 m ² > 99.99% @ 0.3 μm, HAPA H13
Power	3×480 V, 3×240 V	Filter cleaning	Manual shaker cleaning system
FLA	11 A, 23 A	Hose	2" / 3"
Weight	494 lb	Dust Collection	Longo-pac bags
CFM	353	Dimensions (L×W×H)	49"×28"×64"
Vacuum	35 kPa	Accessories included	Vacuum wand kit
Cyclone separator	> 80%		

SINGLE-PHASE DUST EXTRACTORS

IVC-V3



Features

- ✓ Equipped with a powerful motor for reliable performance in demanding dust collection tasks.
- ✓ delivers high arflow capacity, efficiently capturing dust and debris from grinders, saws, and surface preparation equipment.
- ✓ Advanced a two-stage filtering system captures fine dust and heavy debris effectively.

Specification

Motor	3.3 kW / 4.4 HP	Cylinder Filter	0.6 m ² > 99.95% @ 0.3 μm, HAPA H13, 3 total
Power	1×240 V, 1×110 V	Filter cleaning	Manual shaker cleaning system
FLA	18 A, 30 A	Dust Collection	Longo-pac bags
Weight	202 lb	Dimensions (L×W×H)	41"×22"×51"
CFM	315	Accessories included	Vacuum wand kit
Cone Filter	2.8 m ² > 99.95% @ 0.3 μm, HAPA H13		

IVC-V2



Specification

Motor	2.2 kW / 3 HP
Power	1×110 V
FLA	15 A
Weight	176 lb
CFM	241
Cone Filter	1.5 m ² > 95% @ 0.3 μm, HAPA H11
Filter cleaning	Manual shaker cleaning system
Hose	2"
Dust Collection	Longo-pac bags
Dimensions (L×W×H)	30"×22"×58"
Accessories included	Vacuum wand kit

PROPANE GRINDER

HTG-800-3P



Features

- ✓ 933cc Vanguard engine delivers maximum power and performance.
- ✓ Higher cold-cranking amps and longer battery life for reliable use and transport.
- ✓ Built-in temperature sensor prevents clutch overheating and damage.
- ✓ Equipped mist cooling system.
- ✓ Self-propelled version allows battery-powered mobility, reducing operator fatigue during transport and operation.

Specification

Engine model	VANGUARD 993CC	Weight	1276 Lbs
Engine power	35 HP	Grinding Width	800 mm / 31"
Fuel	Propane Vapor	Grinding Pressure	680-480 lb
Type of battery	Lead-acid battery, 12 V, 60 Ah	Grinding discs	3 x 11"
Engine RPM	1600-3600	Dimensions (L×W×H)	67"×33"×45"
Required speed /rpm	up to 2500	Accessories included	Transport wheel kit
Water tank	20 L / 5 gal	Option	HTG-800-3PA (with self-propelled system)

HTG-680-3P



Features

- ✓ Higher cold-cranking amps and longer battery life for reliable use and transport.
- ✓ Built-in temperature sensor prevents clutch overheating and damage.
- ✓ Equipped mist cooling system.
- ✓ Self-propelled version allows battery-powered mobility, reducing operator fatigue during transport and operation.

Specification

Engine model	VANGUARD 810CC	Weight	984 Lbs
Engine power	27 HP	Grinding Width	680 mm / 27"
Fuel	Propane Vapor	Grinding Pressure	585-404 lb
Type of battery	Lead-acid battery, 12 V, 60 Ah	Grinding discs	3 x 9"
Engine RPM	1600-3600	Dimensions (L×W×H)	63"×27"×43"
Required speed /rpm	up to 2500	Accessories included	Transport wheel kit
Water tank	15 L / 4 gal	Option	HTG-680-3PA (with self-propelled system)

PROPANE DUST EXTRACTORS

IVC-45P



Features

- ✓ High airflow capacity ensures efficient dust collection.
- ✓ Powerful vacuum suction and filtration system capture fine dust and heavy debris effectively.
- ✓ Cyclone preseparator removes most heavy dust and debris, improving extraction efficiency and prolonging filter life.
- ✓ Ideal for large concrete grinders requiring high-capacity dust extraction.

Specification

Engine model	VANGUARD 479CC	Filter	2.8 m ² > 99.99% @ 0.3 μm, HAPA H13
Engine power	16 HP	Filter cleaning	Manual shaker cleaning system
Fuel	Propane Vapor	Hose	3"
Weight	477 lb	Dimensions (L×W×H)	62"×28"×76"
CFM	353	Accessories included	Cyclone separator
Vacuum	40 kPa		

SLURRY VACUUM

SV-40



Features

- ✓ Efficiently removes, contains, and disposes of slurry generated during wet polishing applications.
- ✓ Battery transport system allows smooth movement across job sites.
- ✓ 40-gallon slurry tank supports longer operation with fewer interruptions.
- ✓ Large 36-inch pass width increases productivity and speeds up slurry collection on large surfaces.

Specification

Engine model	VANGUARD 203CC	Vacuum	28 kPa
Engine power	6.5 HP	Working width	36"
Fuel	Propane Vapor	Slurry Tank	40 gal / 150 L
Weight	751 lb	Dimensions (L×W×H)	62"×28"×76"

AUTO SCRUBBER

GW-150A



Specification

Cleaning Path	32" / 850 mm
Squeegee Width	47" / 1200 mm
Weight	840 lb / 380 kg
Clean Water Tank	34 gal / 130 L
Waste Water Tank	37 gal / 140 L
Brush Size	2x15"
Drive Motor	24 V / 850 W
Brush Motor	2x24 V / 500 W
Suction Motor	24 V / 550 W
Production Rate	35,000 sqf / h
Endurance	6 hrs
Dimensions (LxWxH)	63"x43"x54"

GW-55B



Specification

Cleaning Path	20" / 500 mm
Squeegee Width	31" / 800 mm
Weight	340 lb / 154 kg
Clean Water Tank	17 gal / 65 L
Waste Water Tank	16 gal / 60 L
Production Rate	20,000 sqf / h
Brush Motor	24 V / 500 W
Suction Motor	24 V / 500 W
Endurance	4 hrs
Dimensions (LxWxH)	52"x24"x47"

GW-150A



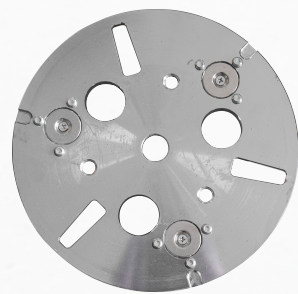
Specification

Scrub Path	15" / 400 mm
Squeegee Width	23" / 580 mm
Weight	168 lb / 76 kg
Clean Water Tank	7 gal / 25 L
Waste Water Tank	8 gal / 30 L
Production Rate	15,000 sqf / h
Brush Motor	24 V / 380 W
Suction Motor	24 V / 500 W
Charging time	6-8 hrs
Endurance	2.5 hrs
Dimensions (LxWxH)	35"x23"x27"

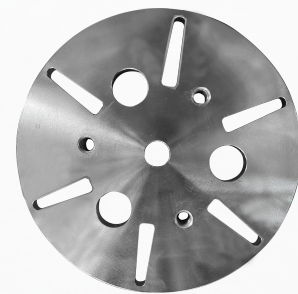
DIFFERENT PLATES FOR OPTION



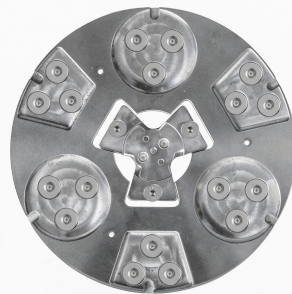
Dual Tool Holder Plate



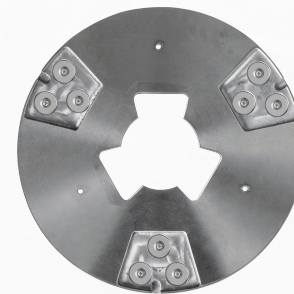
Dual Tool Holder Plate



Tool Holder Plate



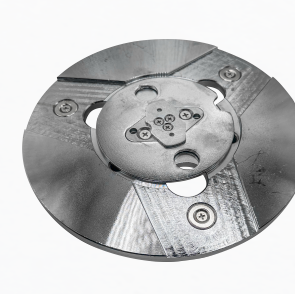
Magnetic Tool Holder Plate



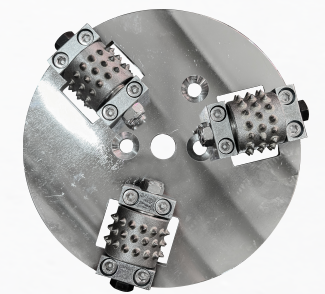
Magnetic Tool Holder Plate



Tool Holder Plate



Tool Holder Plate



Bush Hammer