



HIGH TECH GRINDING

XINGYI
MACHINE USA

FLOOR MACHINE 2025

- Floor Polishing Machines
- Surface Prep Machines
- Dust Collectors
- Floor Scrubbers

XINGYI MACHINE USA

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LEADING THE CONCRETE FLOORING REVOLUTION

GEAR DRIVE

With 30 CNC machines in-house, we ensure a highly precise gear system that minimizes transmission loss, reduces maintenance needs, and boosts overall production efficiency.

INTUITIVE CONTROL

The digital control delivers real-time, intuitive feedback on grinding operations, enabling precise adjustments and enhanced control to optimize grinding performance and consistency.

BATTERY TRANSPORT

Our innovative battery-powered transport system allows you move the machine on and off the job site with ease, even up ramps as steep as 20° without power supply.

SELF-PROPELLED MECHANISM

Self-propelled design reduces fatigue and keeps performance consistent—so you work smarter, not harder.

EXCELLENT WARRANTY

Backed by an industry-leading warranty, our machines offer peace of mind with dependable coverage that protects your investment long after the purchase.

TANK-1500 Ride-on Planetary Grinder












Tank-1500 is the largest model of the grinders and ideal for large surfaces, which stands for operational reliability, precision of control, efficiency.

The machine features an intuitive digital control panel which gives you continuous feedback. 3D robot arms adjust automatically to keep consistent grinding pressure. Front and rear cameras help you to control over the grinding process. The machine provides a dust-free operation being equipped with a robust dust collector which is easy to remove during transportation or replace it for wet polishing.

Two options are available: cockpit control or remote control.



Features

 Two planetary grinding heads	 Available for cockpit control or remote control	 Hydraulic lift for changing tooling
 Detachable grinding head & vacuum	 Auto-adjustment to keep consistent grinding pressure	 Front and rear cameras
 Detachable grinding head and vacuum	 Battery power for transportation	 Mist cooler system
 Optional LOCK & GPS	 Swing arm to keep the cable away from the machine	 Lifts vacuum off the floor via hydraulic assist

Motor: 2×22 kW / 2×30 HP
Power: 3×480 V
FLA: 90 A
Weight W/O vacuum: 3,826 lb
Weight of grinding head: 1,667 lb
Grinding pressure: 2,160 lb
Grinding width: 61"
Grinding discs: 8×11"
Grinding disc speed: 280–1,200 RPM
Planetary disc speed: 30–127 RPM
Dimensions (L×W×H): 98" x 68" x 65"
Water tank: 25 L / 6.5 gal

Dust collector

Motor: 7.5 kW / 10 HP
Weight: 820 lb
CFM: 411
Vacuum: 30 kPa
Pre-separator: Cyclone, >80%
Filter: 3×1.28 m² > 99.95% @ 0.3um, HEPA H13
Filter cleaning: Automatic Pulse Jet Cleaning
House: 3"
Dust collection: Longo-Pac bags
Dimensions (L×W×H): 61" x 43" x 67"

HTG-820RC



Autopilot Planetary Grinder



Features

 Remote control with autopilot	 HMI with protected cover	 4-head planetary grinder
 Oscillation grinding	 Mist cooler system	 Adjustable weights from three pre-set positions
 Battery power for transportation	 USB charger	 Detachable and free-floating dust shroud

Motor: 18.5 kW / 25 HP | 15 kW / 20 HP
Power: 3×480 V | 3×240 V
FLA: 30 A | 55 A
Weight: 1,377 lb
Grinding pressure: 651-430 lb
Grinding width: 32"
Grinding discs: 4 x 11"
Grinding disc speed: 280-1,200 RPM
Planetary disc speed: 30-127 RPM
Dimensions (L×W×H): 75" x 33" x 76"
Water tank: 20 L / 5 gal
Accessories included: remote control kit; transport wheel kit

HTG-680-SP



Self-propelled Planetary Grinder



Features

 3-head planetary grinder	 Adjustable weights from three pre-set positions	 Battery power for transportation
 Self-propelled operation	 Automatic conversion between single phase to three phase	 Detachable and free-floating dust shroud

Motor: 11 kW / 15 HP
Power: 3×240 V | 1×240 V
FLA: 35 A | 60 A
Weight: 1162 lb
Grinding pressure: 555-375 lb
Grinding width: 27"
Grinding discs: 3×9"
Grinding disc speed: 280-1,200 RPM
Planetary disc speed: 30-127 RPM
Dimensions (L×W×H): 49" x 30" x 52"
Water tank: 15 L / 4 gal
Accessories included: transport wheel kit

HTG-550 PRO



Planetary Grinder



Features

 3-head planetary grinder	 Detachable and free-floating dust shroud	 Adjustable weights from three pre-set positions
 Detachable grinding head		

Motor: 5.5 kW / 8 HP
Power: 1×240 V
FLA: 30 A
Weight: 598 lb
Grinding pressure: 388-319 lb
Grinding width: 22"
Grinding discs: 3×9"
Grinding disc speed: 175-750 RPM
Planetary disc speed: 50-225 RPM
Dimensions (L×W×H): 40" x 22" x 40"
Water tank: 15 L / 4 gal

HTG-460 PRO



Detachable Planetary Grinder



Features

 3-head planetary grinder	 Detachable and free-floating dust shroud	 Adjustable weights from three pre-set positions
 Detachable grinding head		

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

955-LE



Remote Control Planetary Grinder



Features

 4-head planetary grinder	 Remote control	 4-direction rocker switches during self-propelled operation
 Adjustable weights from three pre-set positions	 Oscillation grinding	 Mist cooler system
 Battery power for transportation	 USB charger	 Detachable and free-floating dust shroud

Motor: 22 kW / 30 HP
Power: 3×480 V
FLA: 40 A
Weight: 1,675 lb
Grinding pressure: 1058-793 lb
Grinding width: 38"
Grinding discs: 4 x 15"
Grinding disc speed: 210-700 RPM
Planetary disc speed: 18-60 RPM
Dimensions (L×W×H): 70" x 43" x 47"
Water tank: 39 L / 10 gal
Accessories included: remote control kit; transport wheel kit

800-LE Plus



Self-propelled Planetary Grinder



Features

 Self-propelled operation	 Adjustable weights from three pre-set positions	 3-head planetary grinder
 Detachable and free-floating dust shroud	 USB charger	 Battery power for transportation

Motor: 15 kW / 20 HP
Power: 3×480 V | 3×240 V
FLA: 30 A | 50 A
Weight: 1,252 lb
Grinding pressure: 904-639 lb
Grinding width: 31"
Grinding discs: 3×11"
Grinding disc speed: 280-1,200 RPM
Planetary disc speed: 30-127 RPM
Dimensions (L×W×H): 58" x 35" x 52"
Water tank: 39 L / 10 gal
Accessories included: transport wheel kit

GX-750



Planetary Grinder

Motor: 11 kW / 15 HP
Power: 3×240 V | 1×240 V
FLA: 30 A | 55 A
Weight: 775 lb
Grinding pressure: 531-437 lb
Grinding width: 30"
Grinding discs: 3×10"
Revolution speed: 450-1,950 RPM
Dimensions (L×W×H): 52" x 32" x 52"
Water tank: 32 L / 8.5 gal



250-VS



Edge Grinder

Motor: 3 kW / 4 HP
Power: 1×240 V
FLA: 16 A
Weight: 143 lb
Grinding pressure: 90 lb
Grinding width: 10"
Grinding discs speed: 350-1,500 RPM
Dimensions (L×W×H): 31" x 18" x 30"
Multiple use: 10"cup-wheel / bush hammer/ metal pads / resin pads



GX-65



4-head Counter Rotary Grinder

Motor: 9.5 kW / 13 HP
Power: 3×240 V | 1×240 V
FLA: 30 A | 50 A
Weight: 704 lb
Grinding pressure: 498-382 lb
Grinding width: 25"
Grinding discs: 4×14"
Revolution speed: 350-1,550 RPM
Dimensions (L×W×H): 57" x 34" x 51"
Water tank: 32 L / 8.5 gal



250-D



Edge Grinder

Motor: 2.2 kW / 3 HP
Power: 1×110 V
FLA: 25 A
Weight: 133 lb
Grinding pressure: 80 lb
Grinding width: 10"
Grinding discs speed: 1,500 RPM
Dimensions (L×W×H): 31" x 18" x 30"
Multiple use: 10"cup-wheel / metal pads / resin pads



GX-580



2-head Counter Rotary Grinder

Motor: 5.5 kW / 8 HP
Power: 1×240 V
FLA: 30 A
Weight: 480 lb
Grinding pressure: 266-200 lb
Grinding width: 23"
Grinding discs: 2×12"
Revolution speed: 350-1,500 RPM
Dimensions (L×W×H): 63" x 23" x 36"
Water tank: 25 L / 6.5 gal



HP-27S



Burnisher

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



IVC-45L



Three Phase Dust Collector

Motor: 5.5 kW / 7.5 HP
Power: 3×480 V | 3×240 V
FLA: 11 A | 23 A
Weight: 494 lb
CFM: 353
Vacuum: 35 kPa
Pre-separator: Cyclone, >80%
Filter: 2.8 m² > 99.95% @ 0.3um, HEPA H13
Filter cleaning: Manual shaker cleaning
Hose: 2" / 3"
Dust Collection: Longo-Pac bags
Dimensions (L×W×H): 49" × 28" × 64"
Accessories included: vacuum wand kit

IVC-V3



Single Phase Dust Collector

Motor: 3×1.1 kW / 3×1.5 HP
Power: 1×240 V | 1×110 V
FLA: 18 A | 30 A
Weight: 182 lb
CFM: 315
Cone filter: 2.8 m² > 99.95% @ 0.3um, HEPA H13
Cylinder filter: 0.6 m² > 99.95% @ 0.3um, HEPA H13, 3 total
Filter cleaning: Manual shaker cleaning
Dust Collection: Longo-Pac bags
Hose: 2"
Dimensions (L×W×H): 41" × 22" × 51"
Accessories included: vacuum wand kit

IVC-V2



Single Phase Dust Collector

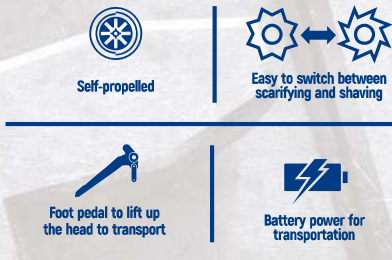
Motor: 2×1 kW / 2×1.4 HP
Power: 1×110 V
FLA: 20 A
Weight: 176 lb
CFM: 241
First-stage Filter: 3.5 m² > 95% @ 0.3um, HEPA H11
Second-stage Filter: 0.5 m² > 99.95% @ 0.3um, HEPA H13, 2 total
Filter cleaning: Manual shaker cleaning
Dust Collection: Longo-Pac bags
Hose: 2"
Dimensions (L×W×H): 30" × 22" × 58"
Accessories included: vacuum wand kit

CS-320E



Heavy Duty Scarifier/Shaver

Features



Accessories included



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

Motor: 15 kW / 20 HP | 11 kW / 15 HP
Power: 3×480 V | 3×240 V
FLA: 25 A | 35 A
Weight: 784 lb
Working width: 12.5"
Working Depth: max. 1/2"
Dimensions (L x W x H): 54" x 27" x 44"



Drum mounted with 80 diamond blades (Φ230mm) and 160 spacers

PROPANE PRODUCT LINE

HTG-800-3P



Propane Grinder

Engine model: VANGUARD 993CC
Engine: 35 HP
Fuel: Propane Vapor
Type of battery: Lead-acid battery, 12 V, 20 Ah
Max. Speed /rpm: : 3600
Required speed /rpm: up to 2500
Water tank: 20 L / 5 gal
Weight: 1,276 lb
Grinding Width: 800 mm / 31"
Grinding Pressure: 680-480 lb
Grinding discs: 3×11"
Dimensions (L×W×H): 66" x 33" x 45"
Accessories included: transport wheel kit
Option: HTG-800-3PA (with battery transport system)

HTG-680-3P



Propane Grinder

Engine model: VANGUARD 810CC
Engine: 27 HP
Fue: Propane Vapor
Type of battery: Lead-acid battery, 12 V, 20 Ah
Max. Speed /rpm: 3600
Required speed /rpm: up to 2500
Water tank: 15 L / 4 gal
Weight: 984 lb
Grinding Width: 680 mm / 27"
Grinding Pressure: 585-404 lb
Grinding discs: 3×9"
Dimensions (L×W×H): 63" x 27" x 43"
Accessories included: transport wheel kit
Option: HTG-680-3PA (with battery transport system)

IVC-45P



Propane Dust Collector

Engine model: LX500
Engine power: 12 HP
Fuel: Propane Liquid or Vapor
Weight: 477 lb
CFM: 353
Vacuum: 40 kPa
Pre-separator: Cyclone, >80%
Filter: 2.8 m² > 99.95% @ 0.3um, HEPA H13
Filter cleaning: Manual shaker cleaning
Hose: 3"
Dust Collection: Longo-Pac bags
Dimensions (L×W×H): 62" x 28" x 76"

SV-40



Slurry Vacuum

Engine model: VANGUARD 203CC
Engine power: 6.5 HP
Fuel: Propane Vapor
Weight: 751 lb
Vacuum: 28 kPa
Working width: 36"
Slurry Tank: 150 L / 40 gal
Dimensions (L×W×H): 62" x 36" x 54"
Option: SV-40A (with battery transport system)

GW-150A



Ride-on Floor Scrubber

Cleaning Path: 32" / 850 mm
Squeegee Width: 47" / 1,200 mm
Weight: 840 lb / 380 kg
Clean Water Tank: 34 gal /130 L
Waste Water Tank: 37 gal /140 L
Production Rate: 35,000 sqf / hour
Brush Size: 2×15"
Drive Motor: 24 V / 850 W
Brush Motors: 2 × 24 V / 500 W
Suction Motor: 24 V / 550 W
Endurance: 6 hrs
Dimensions(L-W-H): 63"×43"×54"

GW-55B



20" Walk-behind Floor Scrubber

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 / hour
Brush Motor: 24 V / 500 W
Suction Motor: 24 V / 500 W
Endurance: 4 hrs
Dimensions(L-W-H): 52"×24"×47"

A25



15" Walk-behind Floor Scrubber

Rated voltage: DC 24 V
Scrub Path: 15"/ 400 mm
Squeegee Width: 23" /580 mm
Weight: 168 lb / 76 kg
Clean Water Tank: 25 L / 7 gal
Waste Water Tank: 30 L / 8 gal
Production Rate: 15,000 sqf / hour
Brush Motor: 380 W
Suction Motor: 500 W
Charging time: 6-8 hrs
Endurance: 2.5 hrs
Dimensions(L-W-H): 35"×23"×27"