

HTG EUROPE

MACHINERY CATALOGUE

Grinding, Polishing & Surface Preparation

HTG EUROPE

Your Partner for Advanced Concrete Floor Treatment



HTG Europe is your European partner for floor grinding and surface preparation. HTG Ultra machines combine proven grinding technology with comprehensive adaptions for the European market. Local technical expertise, final assembly, service, warehousing and logistics complete our offering.

Why choose HTG Europe?

European standards and technology

HTG Ultra machines combine robust construction and modern grinding technology with the demands of professional surface preparation in Europe. Powerful drives, durable gear systems and intuitive controls provide the foundation for precise, consistent grinding results. A range of machine sizes and matching tools covers different floor applications, from edge work to large industrial areas. Our experience in application, service and engineering continuously power the development of our European machine range.

CE compliance and European safety standards

HTG Ultra machines are tailored to the European market. HTG Europe carries out final assembly and safety checks in Germany, focusing on protective systems, electrical safety and technical documentation for conformity assessment. Applicable European requirements must be met before machines are placed on the market. This provides a reliable foundation for distributors and professional users, backed by local technical expertise and service.

Training and support

HTG Europe provides product training and technical support for dealers and contractors. We help our customers select, operate and maintain their HTG Ultra machines.

Sustainability and environment

Durable machines, repair services and appropriate dust extraction support responsible use of resources throughout the service life of HTG Ultra machines.

HTG EUROPE

Your Partner for Advanced Concrete Floor Treatment



HTG ULTRA DRIVE TECHNOLOGY

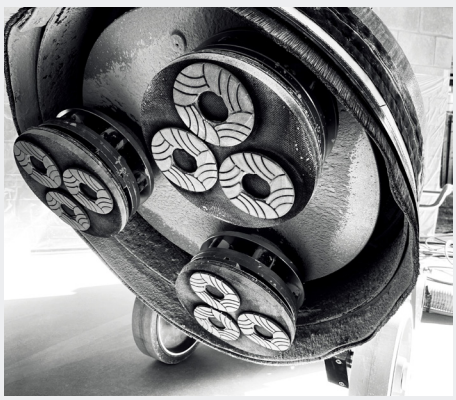
The drive system, motor and grinding head of HTG Ultra machines are precisely matched for smooth, productive operation. Gear-driven systems transmit power directly to the grinding heads, while 3- and 4-disc configurations provide consistent grinding performance across a wide range of applications. HTG-RC Ultra machines offer convenient remote control for efficient operation on large areas.

DIRECT POWER TRANSMISSION
Gear-driven system for maximum efficiency.

SMOOTH OPERATION
Perfectly matched motor, gear and grinding head.

REMOTE CONTROL
HTG-RC Ultra for convenient operation on large areas.

SELF PROPELLED
Increased productivity and ergonomic working.







ATLAS

THE FUTURE IS HERE

The Atlas series represents HTG's range of automated floor grinding robots. These self-propelled machines scan their surroundings, detect obstacles and assist floor preparation through automatically controlled movement. Grinding pressure can also be adjusted automatically to suit the floor. Various assistance functions simplify repetitive grinding tasks and enable more efficient work on large areas. The operator only needs to keep the machines in sight, monitor the work area and intervene when necessary.

HTG Europe currently uses the Atlas platform in its floor grinding robot series with the AT8 model. SLAM navigation, environmental sensing, route planning, obstacle avoidance and intelligent grinding control support faster, easier floor preparation. These coordinated functions help achieve consistent grinding paths and repeatable results, while the operator retains control of the process.



4-head



HTG HIGHLIGHT

TECHNICAL DATA	AT8 Ultra
MOTOR	
Motor Power	22 kW
Phases	Three-phase
Voltage	380 V
Rated Current	44.3 A
Mains Frequency	50 / 60 Hz
Connection	CEE 63 A / 400 V
EQUIPMENT	
Working Width	852 mm
Number of Grinding Discs	4
Grinding Disc Diameter	315 mm
Grinding Disc Speed, Min.	300 rpm
Grinding Disc Speed, Max.	900 rpm
Grinding Pressure, Max.	260 - 567 kg
Water Tank	✓
OPERATION & DIMENSIONS	
Operation	Remote-controlled
Weight	952 kg

THE FUTURE OF FLOOR GRINDING.



REMOTE CONTROL

Full control. Maximum productivity.

HTG Ultra machines feature robust metal housings, stainless steel water tanks and gear-driven grinding systems. Available in different sizes, they meet the demands of professional grinding and surface preparation. The precise, intuitive remote control ensures effortless operation, while a range of working widths enables efficient processing of floors of all sizes.



3-head
820 RC
680 RC
550 RC



4-head
955 RC
820 RC
680 RC









TECHNICAL DATA	HTG-955RC Ultra	HTG-820RC Ultra	HTG-680RC Ultra	HTG-550RC Ultra
MOTOR				
Motor Power	22 kW	22.3 kW	11 kW	7.5 kW
Phases	Three-phase	Three-phase	Three-phase	Three-phase
Voltage	380 V	380 V	380 V	380 V
Rated Current	37 A	32 A	23 A	17 A
Mains Frequency	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Connection	CEE 63 A / 400 V	CEE 32 A / 400 V	CEE 32 A / 400 V	CEE 32 A / 400 V
EQUIPMENT				
Working Width	955 mm	800 / 815 mm	660 / 678 mm	550 mm
Number of Grinding Discs	4	3 / 4	3 / 4	3
Grinding Disc Diameter	370 mm	278 mm	230 mm	230 mm
Grinding Disc Speed, Min.	200 rpm	300 rpm	300 rpm	200 rpm
Grinding Disc Speed, Max.	650 rpm	900 rpm	900 rpm	650 rpm
Grinding Pressure, Max.	410 kg	370 kg	300 kg	200 kg
Water Tank Capacity	25 L	25 L	20 L	20 L
OPERATION & DIMENSIONS				
Operation	Remote-controlled	Remote-controlled	Remote-controlled	Remote-controlled
Weight	790 kg	610 kg	535 kg	331 kg

SELF PROPELLED

Smooth drive. Strong results.

The HTG-exclusive self-propelled feature combines effortless control with powerful performance. SP machines significantly reduce operator effort and physical strain while ensuring precise handling and consistent grinding results. This technology increases productivity on demanding job sites.



3-head

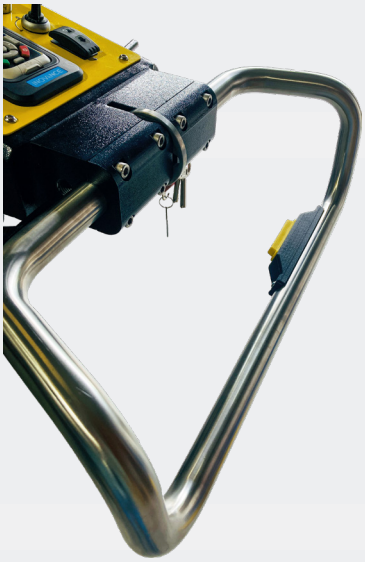


4-head



TECHNICAL DATA	HTG-800SP Ultra	HTG-680SP Ultra
MOTOR		
Motor Power	15 kW	11 kW
Phases	Three-phase	Three-phase
Voltage	380 V	380 V
Rated Current	32 A	20 A
Mains Frequency	50 / 60 Hz	50 / 60 Hz
Connection	CEE 32 A / 400 V	CEE 32 A / 400 V
EQUIPMENT		
Working Width	800 / 793 mm	660 / 678 mm
Number of Grinding Discs	3 / 4	3 / 4
Grinding Disc Diameter	278 / 256 mm	230 mm
Grinding Disc Speed, Min.	300 rpm	300 rpm
Grinding Disc Speed, Max.	900 rpm	900 rpm
Grinding Pressure, Max.	340 kg	270 kg
Water Tank Capacity	25 L	20 L
OPERATION & DIMENSIONS		
Operation	Self-propelled	Self-propelled
Weight	580 kg	485 kg

POWERFUL PERFORMANCE. EFFORTLESS CONTROL.



WALK BEHIND

Easy handling. Strong performance.

HTG walk-behind machines combine compact design and easy handling with powerful, precise grinding performance, making them a reliable and flexible solution for a wide range of job sites.



3-head
680 Ultra
550 Ultra
460 Ultra



4-head
680 Ultra







TECHNICAL DATA	HTG-680 Ultra	HTG-550 Ultra	HTG-460 Ultra
MOTOR			
Motor Power	11 kW	5.5 kW	2.3 kW
Phases	Three-phase	Three-phase	Single-phase
Voltage	380 V	380 V	230 V
Rated Current	20 A	13 A	10 A
Mains Frequency	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Connection	CEE 32 A / 400 V	CEE 32 A / 400 V	CEE 16 A / 230 V
EQUIPMENT			
Working Width	680 mm	550 mm	440 mm
Number of Grinding Discs	3 / 4	3	3
Grinding Disc Diameter	230 mm	230 mm	200 mm
Grinding Disc Speed, Min.	300 rpm	200 rpm	100 rpm
Grinding Disc Speed, Max.	900 rpm	650 rpm	400 rpm
Grinding Pressure, Max.	250 kg	200 kg	100 kg
Water Tank Capacity	20 L	20 L	15 L
OPERATION & DIMENSIONS			
Operation	Walk-behind	Walk-behind	Walk-behind
Weight	445 kg	260 kg	205 kg

SINGLE HEAD

Precise grinding. Perfect finishing.

HTG Ultra single head grinders and polishing machines complement professional grinding and polishing processes.

1-head









TECHNICAL DATA	HTG-250 Ultra	HTG-250S Ultra	HTG-CG250 Ultra	HTG-27S Ultra
MOTOR				
Motor Power	2.2 kW	1.1 kW	5.5 kW	7.5 kW
Phases	Single-phase	Single-phase	Three-phase	Three-phase
Voltage	230 V	230 V	380 V	380 V
Rated Current	13 A	5 A	11 A	15 A
Mains Frequency	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Connection	CEE 16 A / 230 V	CEE 16 A / 230 V	CEE 32 A / 400 V	CEE 32 A / 400 V
EQUIPMENT				
Working Width	250 mm	250 mm	250 mm	690 mm
Number of Grinding Discs	1	1	1	1
Grinding Disc Diameter	250 mm	250 mm	250 mm	690 mm
Grinding Disc Speed, Min.		360 rpm	360 rpm	350 rpm
Grinding Disc Speed, Max.	1410 rpm	1500 rpm	2000 rpm	1500 rpm
Grinding Pressure, Max.	41 kg		61.5 kg	
Water Tank Capacity	-	-	-	-
OPERATION & DIMENSIONS				
Operation	Walk-behind	Walk-behind	Walk-behind	Walk-behind
Weight	100 kg	63 kg	180 kg	168 kg

VACUUM CLEANER & PRE SEPARATOR

HTG Ultra dust extraction systems are designed for professional floor preparation. Matched airflow, suitable filtration and practical dust collection systems capture grinding dust effectively at the machine. Depending on the model, different filter cleaning methods support consistent extraction performance. The choice of dust extractor and hose diameter depends on the grinder, the amount of dust and the application requirements. Together, they form a coordinated system for clean work areas and efficient grinding processes.









TECHNICAL DATA	IVC-V3 Ultra	IVC-45L Ultra	CD-553B Ultra	Cyclone Pre Separator
MOTOR				
Motor Power	3.3 kW	5.5 kW	7.5 kW	-
Power Input	3.3 kW	5.5 kW	9 kW	-
Phases	Single-phase	Three-phase	Three-phase	-
Voltage	230 V	380 V	380 V	-
Rated Current	13.5 A	11 A	15 A	-
Mains Frequency	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	-
Connection	230 V Plug	CEE 32 A / 400 V	CEE 32 A / 400 V	-
DUST EXTRACTION				
Vacuum Pressure	22 kPa	30 kPa	40 kPa	-
Max. Airflow	537 m³/h	0 - 600 m³/h	0 - 1000 m³/h	-
Filtration	HEPA 13	HEPA 13	HEPA 13	Pre Separator
Filter Cleaning	Manual Pulse Cleaning	Mechanical Pulse Cleaning	Automatic Pulse Cleaning	-
Hose Diameter	50 mm	50 / 63 / 80 mm	50 / 63 / 80 mm	80 mm
Dust Collection	Continuous Bag System	Continuous Bag System	Continuous Bag System	Continuous Bag System
DIMENSIONS				
Length	1100 mm	1300 mm	1370 mm	600 mm
Width	588 mm	740 mm	645 mm	560 mm
Height	1300 mm	1590 / 1930 mm	1490 mm	1410 / 1650 mm
Weight	82.5 kg	247 kg	258 kg	59 kg

Accessories for Floor Grinders

Additional Weights, Transport and Dust Protection



HTG Professional Tool Bag

Item No. 250050



Loading Ramps
Set of 2 Ramps

Item No. 820050



Additional Weight, Left - 5 kg
HTG 460 / 550 Ultra

Item No. 460041



Additional Weight, Right - 5 kg
HTG 460 / 550 Ultra

Item No. 460042



Additional Weight, Left - 10 kg
HTG 460 / 550 Ultra

Item No. 460043



Additional Weight, Right - 10 kg
HTG 460 / 550 Ultra

Item No. 460044



Additional Weight, Left - 15 kg
HTG 460 / 550 Ultra

Item No. 460045



Additional Weight, Right - 15 kg
HTG 460 / 550 Ultra

Item No. 460046



Additional Weight - 10 kg
HTG 680 Ultra

Item No. 680043



Additional Weight - 5 kg
HTG 680 Ultra

Item No. 680044



Additional Weight - 5 kg
HTG 680 Ultra

Item No. 680045



Additional Weight - 10 kg
HTG 820 Ultra

Item No. 820047



Additional Weight - 5 kg
HTG 820 Ultra

Item No. 820048



Additional Weight - 5 kg
HTG 820 Ultra

Item No. 820049



Additional Weight Set
HTG CG 250 Ultra

Item No. 251031

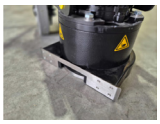
Additional Weight Set
HTG 250 S Ultra

Item No. 255031



Dust Shroud Ring
HTG 250 / 250 S / CG 250 Ultra

Item No. 251042



Half Dust Shroud
HTG 250 / 250 S / CG 250 Ultra

Item No. 251041



Dust Skirt - 1450 mm
HTG 460 Ultra

Item No. 460062



Dust Skirt - 1770 mm
HTG 550 Ultra

Item No. 550062



Dust Skirt - 2220 mm
HTG 680 Ultra

Item No. 680062



Dust Skirt - 2620 mm
HTG 800 / 820 Ultra

Item No. 820062



Dust Protection Strip - 1620 mm
HTG 460 Ultra

Item No. 460061



Dust Protection Strip - 1950 mm
HTG 550 Ultra

Item No. 550061



Dust Protection Strip - 2400 mm
HTG 680 Ultra

Item No. 680061

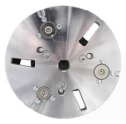


Dust Protection Strip - 2780 mm
HTG 800 / 820 Ultra

Item No. 820061

Tool Plates and Adapters

Tool Plates



HTG Universal

Tool Plate

For HTG Floor Grinders

Ø mm	Item No.	Compatible Machines
200	**460504**	HTG 460 Ultra
230	**550504**	HTG 550 / 550 RC / 680 / 680 RC / 680 SP Ultra
250	**250504**	HTG 250 / CG 250 Ultra
256	**800504**	HTG 800 SP Ultra
278	**820504**	HTG 820 / 820 RC Ultra



SWS MKS/SASE

Tool Plate

For HTG Floor Grinders

Ø mm	Item No.	Compatible Machines
200	**460501**	HTG 460 Ultra
230	**550501**	HTG 550 / 550 RC / 680 / 680 RC / 680 SP Ultra
250	**250501**	HTG 250 / CG 250 Ultra
256	**800501**	HTG 800 SP Ultra
278	**820501**	HTG 820 / 820 RC Ultra



Lavina

Tool Plate

For HTG Floor Grinders

Ø mm	Item No.	Compatible Machines
200	**460502**	HTG 460 Ultra
230	**550502**	HTG 550 / 550 RC / 680 / 680 RC / 680 SP Ultra
250	**250502**	HTG 250 / CG 250 Ultra
278	**820502**	HTG 820 / 820 RC Ultra



Redi Lock

Tool Plate

For HTG Floor Grinders

Ø mm	Item No.	Compatible Machines
200	**460500**	HTG 460 Ultra
230	**550500**	HTG 550 / 550 RC / 680 / 680 RC / 680 SP Ultra
250	**250500**	HTG 250 / CG 250 Ultra
256	**800500**	HTG 800 SP Ultra
278	**820500**	HTG 820 / 820 RC Ultra

Tool Plate Adapters



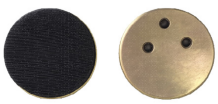
HTC Tool Holder
For HTC Tools

Item No. 190100



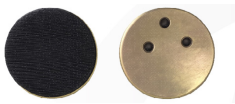
SASE MKS SWS Tool Holder
For SASE / MKS Grinding Tools

Item No. 160001



Quick-change Adapter Ø 95 mm
For Polishing Tools
For Tool Plates > 200

Item No. 190101



Quick-change Adapter Ø 80 mm
For Polishing Tools

Item No. 190102



HTC Adapter for HTG Tools
Adapter for HTG Tools
3 Pins (Ø 8) + Magnets

Item No. 190106



Lavina Adapter for HTG Tools
Adapter for HTG Tools
3 Pins (Ø 8) + Magnets

Item No. 190105



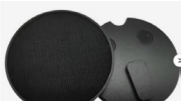
Redi Lock Adapter for HTG Tools
Adapter for HTG Tools
3 Pins (Ø 8) + Magnets

Item No. 190107



Blastrac Adapter for HTG Tools
Adapter for HTG Tools
3 Pins (Ø 8) + Magnets

Item No. 190108



Redi Lock Adapter for Hook-and-loop Pads
10 cm / 4 in

Item No. 190103



HTC Adapter for Hook-and-loop Pads
10 cm / 4 in

Item No. 190104

Accessories for Dust Extractors

Suction Hoses, Adapters, Filters and Dust Collection



Industrial Suction Hose DN50 - 10 m
With Connection Couplings
PU Suction Hose with Steel Wire, Ø 50 mm

Item No. V100004



Industrial Suction Hose DN80 - 15 m
With Connection Couplings
PU Suction Hose, Ø 80 mm

Item No. V100003



Suction Connection Adapter DN80 - DN50
Adapter A300 to B200

Item No. V100022



HEPA Filter
Replacement Filter for IVC-V3 and IVC-45L

Item No. 700013



HEPA Filter
Replacement Filter for CD-553B

Item No. 720013



HEPA Filter
Replacement Filter for IVC-V3

Item No. 700014



Dust Bags - 4 Rolls per Carton
Material Thickness 0.06 mm
30 Bags per Roll · 4 Rolls per Carton

Item No. 700012



Industrial Suction Nozzle for Wet and Dry Applications
For Wet and Dry Applications
Flexible Hose for Easy Handling

Item No. 700051

Grinding and Polishing Tools

For the European Market



The Right Tool for Every Task

HTG Europe offers a comprehensive range of grinding and polishing tools for the European market. From surface preparation and grinding to final polishing, different tool designs and mounting systems allow you to choose the right solution for the floor, machine and application.

TECHNOLOGY
THAT DELIVERS.

Machines. Details. HTG Europe.



HTG ULTRA



CONTROL PANEL



REMOTE CONTROL



LIGHTING



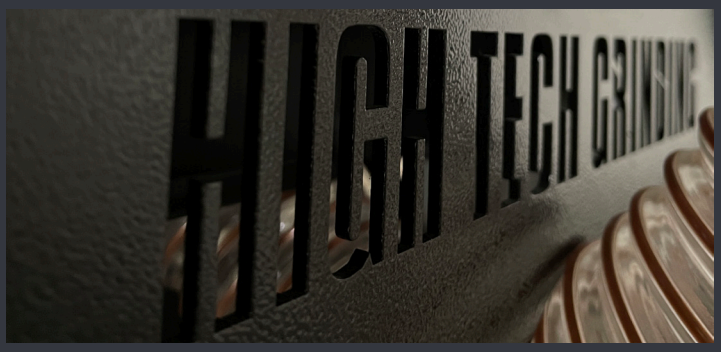
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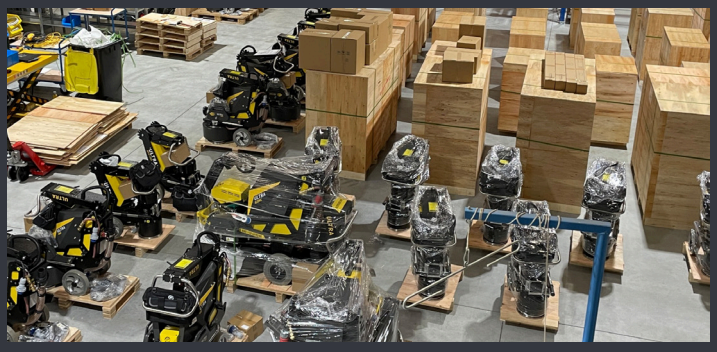


DRIVE SYSTEM



HTG DESIGN





For Your Next Step.

Professional floor grinding technology, matching tools and personal support from HTG Europe.

www.htgeurope.com

HTG EUROPE

At Home in Europe. Stronger Together.





BECOME PART OF THE HTG GROUP

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