

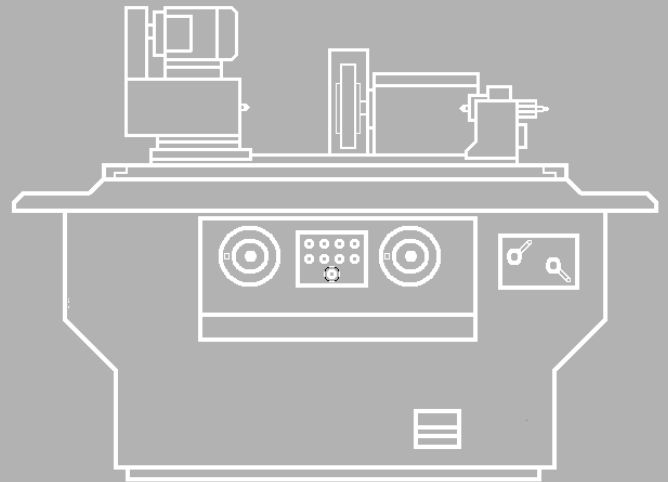
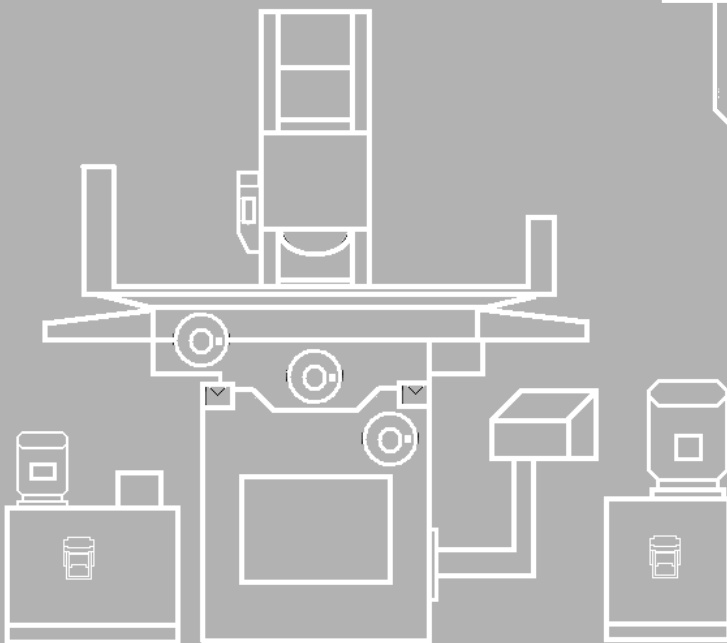
WEIPERT

Save to Precision

unique in
Grinding

Weipert Grinding machines

The Grinding machine series for a
Economic reasonable manufacturing with
constant quality



Weipert Grinding machines constants for the best grind result

A constant high quality is one of the outstanding characteristics of the Weipert Grinding machines. The easy construction enable to Grind easy and complicated parts and provide for a time and cost-saving production. The operating elements are functional and Appropriate for user mounted. The construction of the Weipert Grinding machines with a big dimension torsion-resistant Machine pillar and a fine sliding Guidways based the operator convenience to deliver an optimum result to the user. Thus the most advanced and efficient processing can be achieved.



Features

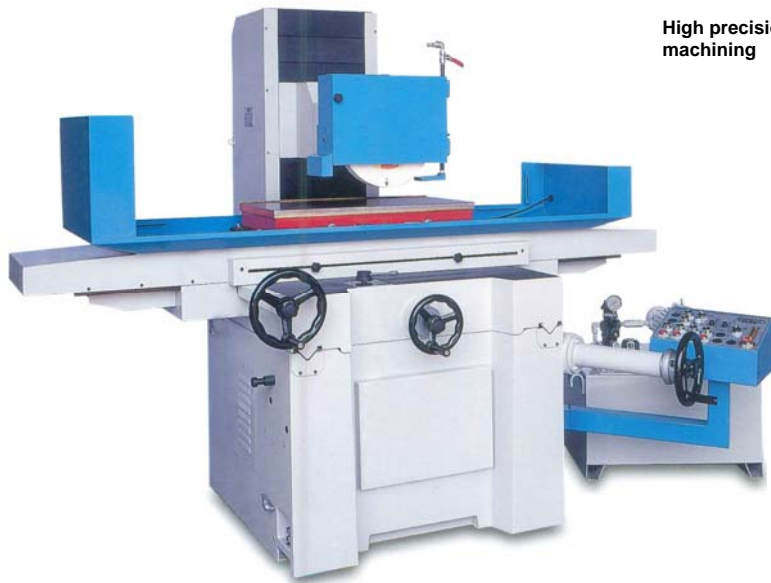
- Grinding length to 2000mm
- Table to 2000mm
- Tool weight to 1000kg
- CE-certification verifies the best possible safety
- all Machines in over-floor construction



Technical description

Weipert HFS

High precision and ease of use guarantee optimum and cost-effective machining



Tech. description	HFS 2550	HFS 3060	HFS 4080
Travel x and y	290x610mm	368x700mm	457x900mm
work piece weight	250kg	300kg	400kg
table dimensions	250x510mm	300x610mm	400x810mm
auto. transverse feed	0,1-8mm	0,1-8mm	0,1-8mm
auto. vertical feed	0,005-0,05mm	0,005-0,05mm	0,005-0,05mm
Spindlenose-Table	450mm	565mm	580mm
hydr. feed X	7-23m/min	7-23m/min	7-23m/min
rapid feed Y-axis	990mm/min	990mm/min	990mm/min
rapid feed Z-axis	460mm/min	460mm/min	460mm/min
Motor	2,2KW	5,5KW	5,5KW
weight	1800kg	2700kg	3800kg

Grinding spindle runs in maintenance-free preloaded precision angular ball bearings

Automatic transverse and longitudinal feed

Rapid feed for setup to desired work height

Adjustable roughing, finishing and spark-out strokes

Hydraulic longitudinal table movement on Y-axis

Double table V-guide in transverse table, V-guide and flat guides in longitudinal table

Table guide ways are hardened, ground and PTFE (Polytetrafluorethylene) counter-laminated - ensuring maximum wear resistance

Technical description

Weipert HFS



Tech. description	HFS 50(60,70)100	HFS 50(60,70)150	HFS 50(60,70)200
Travel x and y	560(660,760)x1150mm	560(660,760)x1650mm	560(660,760)x2150mm
work piece weight	700kg	800kg	900kg
table dimensions	500(600,700)x1020mm	500(600,700)x1520mm	500(600,700)x2020mm
auto. transverse feed	0,1-20mm	0,1-20mm	0,1-20mm
auto. vertical feed	0,005-0,04mm	0,005-0,04mm	0,005-0,04mm
Spindlenose-Table	600mm	800mm	1000mm
hydr. feed X	5-25m/min	5-25m/min	5-25m/min
rapid feed Y-axis	300mm/min	300mm/min	300mm/min
rapid feed Z-axis	230mm/min	230mm/min	230mm/min
Motor	7,5KW	7,5KW	7,5KW
weight	6000-6300-6600kg	7200-7500-7800kg	8400-8700-9000kg

High-Performance Surface Grinders

Headstock runs in preloaded angular ball bearings and features a high load capacity
 X and Y axis guideways are counter-laminated (plastic)
 Separate hydraulic unit with oil cooler
 X axis with high-dynamic, hydraulic drive
 Combination of boxways and V-guides on X and Y, plus rectangular guideway on Z
 Premium components ensure maximum accuracy for continuous operation

Technical Description Weipert RSM



Tech. description	RSM 200	RSM 250(500-750)	RSM 360(1000-1500)
center height	100mm	125mm	180mm
grinding length	500mm	500-750mm	100-1500mm
grinding diameter	5-125mm	8-200mm	8-320mm
work piece weight (max.)	35kg	50kg	150kg
inside grinding diameter	10-40mm	25-100mm	30-100mm
inside grinding depth	50mm	100mm	125mm
table swivel range (max.)	10°	3-9°	3-7°
working spindle speed	300-1400U/min	60-460U/min	25-220U/min
swivel range	10°-90°	-/90°	-/90°
working spindle taper	MK 4	MK 3	MK 4
inside grinding spindle speed	17000U/min	9000-1000U/min	10000U/min
tailstock taper	MK 2	MK 3	MK 4
machine drive capacity	3,5kW	4,0KW	5,5KW
weight	1800kg	2100-2900kg	3700-4300kg

Universal Cylindrical Grinder, mid-range size, for external and internal grinding; suitable for parts and series production

High-quality, rigid construction for high grinding precision
 Precise alignment of spindle head and grinding headstock
 Extremely quiet operation and high-precision guide ways
 Grinding spindle with double-sided support provided by 3-segmented bronze plain bearings
 Longitudinal and transverse travel on a combination of V-guides and flat-guides
 Grinding headstock can be rotated by 180° to switch between internal and external grinding
 Hydraulic longitudinal feed, variable speed
 Machine table swivels for taper grinding
 Hydraulic or manual return and positioning of grinding wheel

Technical description

Weipert BSM und SSM

Metal Belt Sander
 quick adjustment from horizontal to inclined position
 vibration-free operation
 high belt speed
 large face sanding area
 quick deburring
 large contact disk



Tech. description	BSM 100
Power	1,8KW
belt dimensions	100x1500mm
belt speed	25m/sec
Grinding wheel	170x105mm
Dimension	820x480x1100mm
weight	70kg

Universal Tool Grinder for grinding profile forms



Tech. description	SSM
collet chuck diameter	18mm
grinding diameter	25mm
taper grinding	0-180°
rear angle	0-45°
speed	5200U/min
grinding wheels	100x50x20mm
dimensions	450x400x350mm
weight	45kg



AWM Werkzeugmaschinen GmbH – Hüttenstr. 66-68 – 35708 Haiger

Pricelist 2011 Grinding machine Weipert HFS

MARIO WURM
Dipl.-Ing - Geschäftsführer

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Internet: www.agel-wurm.de - e-mail: info@agel-wurm.de

Grinding machine (HFS 2550-4080)

Type	HFS 2550	HFS 3060	HFS 4080
machine	16.900,-€	18.900,-€	23.900,-€
automatic vertical feed	2.900,-€	2.900,-€	2.900,-€
Paper filter System	1050,-€	1050,-€	1050,-€
Exhaust System	950,-€	950,-€	950,-€
Electromag Clamping Plate	1225,-€	1450,-€	2.000,-€
Manual dresser	350,-€	390,-€	390,-€

Accessories

2-axis position indicator, grinding wheel, grinding wheel flange, balancing shaft, balancing station, halogen lights, degaussing system, adjustment screws, operating tools, operator manual

Grinding machine (HFS 50100-50200)

Type	HFS 50(60,70)100	HFS 50(60,70)150	HFS 50(60,70)200
machine 560mm	32.900,-€	37.400,-€	43.900,-€
machine 660mm	34.800,-€	40.300,-€	45.500,-€
machine 760mm	36.500,-€	43.900,-€	47.900,-€
automatic vertical feed	3.900,-€	3.900,-€	3.900,-€
Paper filter System	900,-€	900,-€	900,-€
Separator unit	1.800,-€	1.800,-€	1.800,-€
Electromag Clamping Plate	2.400/3.000/3.700,-€	3.700/4.200/5.200,-€	5.500/6.300/7.500,-€
dresser manul / Hyd	250 / 1090,-€	250 / 1090,-€	250 / 1090,-€

Accessories

2-axis position indicator, grinding wheel, grinding wheel flange, balancing shaft, balancing station, halogen lights, degaussing system, adjustment screws, operating tools, operator manual

All prices plus VAT

Delivery time

With Stock machines: immediately after payment

With order 30% of deposit (against bank guarantee)
70% with collection

Payment: while loading

All machines freely loaded

everybody Offers after our Terms and Conditions

technical changes, mistakes and misprints reserve, names of the manufacturers and trade name are performed only as a tip

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Internet: www.agel-wurm.de - e-mail: info@agel-wurm.de

Cylindrical Grinding Machine (RSM 200-360)

Type	RSM 200	RSM 250	RSM 360
maschine 500mm	14.500,-€	19.500,-€	-----
maschine 750mm	-----	21.500,-€	-----
maschine 1500mm	-----	-----	26.000,-€
maschine 1500mm	-----	-----	29.500,-€

Accessories
internal grinding equipment , 3-jaw chuck Ø 80 mm, balancing station, dress equipment, center points, dress equipment, grinding wheel flange, coolant system, operating tools

Grinder / Sander (BSM, SSM)

Type	BSM	SSM
Maschine	890,-€	1.950,-€

All prices plus VAT
Delivery time
With Stock machines: immediately after payment
With order 30% of deposit (against bank guarantee)
70% with collection
Payment: while loading
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WEIPERT

Save to Precision

Weipert is worldwide operating Supplier of application systems and Machines for the chip and chipless forming economically, highly competitive and reliably use



New Machines

a little overview about our range. From the simple drilling machine about Lathes and Milling machines up to high precisionbis innovative CNC – Controlet Gantry Milling machine and Heavy Duty Lathes



Used Machines

continuous stand in our 3000m² Stock and exhibition rooms many used Machines for ready and running

Your Contact

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