

# Electronic tools



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# Impact-Hammer Drill 630 Watt

- With quick clamping chuck, right and left hand rotation, speed regulation and striking mechanism
- Attractive design, ergonomic forming for user-friendly handling for extended use
- Clear and protected control elements (switcher)
- Best performance in this class
- Professional-machine for mechanics
- Direct-bit-intake in the drive spindle for screw workings
- Electronic torque regulation for smooth running
- Electronic speed-preselection

## Technical Data

<b>Power consumption:</b>	630 W
<b>Idle speed:</b>	0 - 2,700 rpm
<b>Load speed:</b>	0 - 1,380 rpm
<b>Drill performance in concrete/alu:</b>	15/13 mm
<b>Drill performance in steel/wood:</b>	10/30 mm
<b>Quick clamp. drill chuck:</b>	1.5 - 13 mm
<b>Machine weight:</b>	1.3 kg
<b>Colour:</b>	black

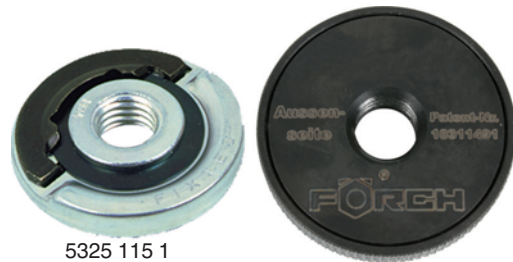


Article No.	Article Description	QTY
5325 570	FÖRCH-IMPACT HAMMER DRILL 630W	1
5598 570	COMP.KEYL.DR.CH.1/2"-20 1.5-13	1

# Quick-Clamping Nut

- Clamping nut with integrated coupling for disc change without tools
- For all machines with disc diameter from 115 mm to 230 mm

Article No.	Article Description	QTY
5325 115 1	FIXTEC-QUICK CL.NUT F.ANGLE G.	1
5326 115 230	QUICK-CLAMPING NUT 115-230	1



5325 115 1

5326 115 230

## Angular Drilling Head with SDS-plus Attachment

- For hammering in restricted spaces
- With drill chuck and adapter also suited for drilling and screwing

Article No.	Article Description	QTY
5330 300	SDS-PLUS ANGLE DRILLING HEAD	1



## Chiselling Attachment MV 200

- For light chisel work
- Suited for all Bosch hammer drills without chisel Vario-Lock (chisel turning stop) e.g. GBH 2 SE, GBH 2 SR etc.

Article No.	Article Description	QTY
5330 301	SDS-PLUS CHISEL.ATTACHEM.MV200	1



## Quick Release Quick Change Chuck

- For GBH 4-32 DFR
- Ø 1 - 13 mm

Article No.	Article Description	QTY
5330 302	QUICK REL.&CHANGE CHUCK 4-3DFR	1



# Cordl.prof.impact screwdr.1/2", 500 Nm

- Exceptionally powerful, with a torque of 500 Nm
- 50% more power than comparable cordless screwdrivers in the same weight class
- Steel reinforced, chemical-resistant composite housing for more stability and impact protection
- Durable brushless motor
- 4-stage power controls for adjusting the desired tightening torque
- Fine speed metering and electronic brake action
- Single-hand reversal, clockwise and anticlockwise direction
- 60 lumen strong LED light ring for shadow-free illumination
- With a housing unit only 166 mm long, extremely compact
- Premium soft grip for improved handling
- Battery with charging state indicator
- Wall-mounting of charging station possible
- Optimally suitable for automotive, industrial, and construction applications



## Technical Data

<b>Battery pack voltage/capacity:</b>	20 V / 2.5 Ah, 5Ah
<b>Speed/output stage 1:</b>	0 – 800 rpm / 3 – 12 Nm
<b>Speed/output stage 2:</b>	1,600 rpm / 13 – 33 Nm
<b>Speed/output stage 3:</b>	2,100 rpm / 325 Nm
<b>Speed/output stage 4:</b>	2,100 rpm / 460 Nm
<b>Impact rate:</b>	3,300 impacts/min
<b>Sound level / output (EN60745):</b>	90/101 dB (A)
<b>Max. torque for releasing:</b>	500 Nm
<b>Breakaway torque:</b>	750 Nm
<b>Weight with battery 2.5 Ah / 5.0 Ah:</b>	2.0 kg / 2.3 kg
<b>Square drive:</b>	1/2"
<b>Battery charging time:</b>	1 h



Without lighting

Basic lighting

Medium lighting

Maximum lighting

The intensity can be adjusted by pushing the knob when a neutral direction of rotation is set.

Article No.	Article Description	QTY
5349 5152	1/2"CORDL.SCREWDR.20V W5152	1
5349 2012	BATT.LI-ION,20V/2,5AH BL2012	1
5349 2022	BATT.LI-ION,20V/5,0AH BL2022	1
5349 1120	BATTERY CHARGER BC1120-EU	1

## Material supplied:

- Impact screwdriver battery, charging device, 1× li-ion battery 2.5 Ah, 1× li-ion battery 5.0 Ah, 1× transport bag



# High Perform. Battery-Powered Impact Wrench 1/2"

- Full metal hammering and drive train for maximum wear resistance
- Greater reliability with maximum turning moment of 1,057 Nm
- Robust aluminium hammer housing for additional stability and life
- Optimally suited for use in the sectors automobile, construction, industry, forestry and wood
- High quality soft grip for better handling
- One-handed control right and left turning
- Sensitive speed control and electronic braking effect
- High-performance 5.0 Ah Li-ion battery pack with integrated charge indicator
- Charger can be wall-mounted

## Technical Data

<b>Battery pack voltage / Capacity:</b>	20 V / 5.0 Ah
<b>Idling speed:</b>	0 - 1,900 rpm
<b>Stroke rate:</b>	2,300 rpm
<b>Noise level Pressure /Power(EN60745):</b>	89/100 db(A)
<b>Max. torque at release:</b>	1.057 Nm
<b>Max. torque at tightening:</b>	813 Nm
<b>Weight with battery:</b>	3,1 kg
<b>Square drive:</b>	1/2"
<b>Charging time battery:</b>	1 hour








Article No.	Article Description	QTY
5349 7150	1/2" BATT.IMPACT WRENCH 20V	1
5349 2022	BATT.LI-ION,20V/5,0AH BL2022	1
5349 1120	BATTERY CHARGER BC1120-EU	1

## Scope of delivery:

- Battery-powered Impact wrench, charger, 2 Li-Ion batteries, carrying case, instructions



## Application areas motor vehicle to SW 24 and 1,075 Nm of torque at release

	Automobile	Van	Truck	Bus	Agriculture	Forestry + wood	Construction and heavy-duty transports
							
Tyre change	✓	✓			✓	✓	
Servive + repair	✓	✓	✓	✓	✓	✓	✓
Accessory / attachment change					✓	✓	✓



# Cordless angled impact screwdriver, 1/2", 245 Nm

- High-torque 1/2" angled impact screwdriver for assembly work in the automotive sector, skilled trades and industry



## Your Advantage / Benefit

- Exceptionally powerful with a torque of 245 Nm
- Infinitely-variable force and speed application
- Equipped with recoilless impact mechanism
- Ergonomically shaped soft handle with single-hand changeover for right hand / left hand rotation
- Compact head with an overall height of just 56 mm
- Steel-clad aluminium frame construction and extremely robust nylon housing
- Battery with charging state indicator
- Compatible with the 5.0 Ah battery (Art.-No. 5349 2022)
- Flexible workplace layout thanks to battery technology
- Wall-mounting of charging station possible

## Application

- Optimally suited for use in vehicle and plant maintenance as well as the skilled trades and industry
- Maintenance, repair and assembly work



### Technical Data

Battery pack voltage / capacity:	20 V / 2,5 Ah
No-load speed:	0 – 1.900 U/min
Impact rate:	3,000 bpm
Sound level pressure / performance (EN60745):	85 / 96 dB (A)
Max. torque for loosening:	245 Nm
Weight with battery:	2.5 kg
Square drive:	1/2"
Battery charging time:	1 h

Article No.	Article Description	QTY
5349 5350 12	1/2" BATT. ANGL. SCR. DR. 20V SET	1
5349 5350 12 1	1/2" BATT. ANGL. SCR. DR. 20V W5350	1
5349 2012	BATT. LI-ION, 20V/2,5AH BL2012	1
5349 2022	BATT. LI-ION, 20V/5,0AH BL2022	1
5349 1120	BATTERY CHARGER BC1120-EU	1

### Scope of delivery:

- Cordless angled impact screwdriver, charger, 1 x Li-ion battery, carry case

## Related Products

### ■ Lithium-Ion Battery 20V

Art.-No. 5349 2012, capacity 5,0 Ah  
Art.-No. 5349 2022, capacity 5,0 Ah



### ■ Impact socket, hexagonal, 1/2" short

Art.-No. 9000 4570 12, in assortment



### ■ Fine-grip gloves Duo-Grip

Art.-No. 5405 117 7 – 10



# Cordless ratchet screwdriver, 1/4", 3/8" 40 Nm

- High-torque cordless ratchet screwdriver for the automotive sector, construction and industry



## Your Advantage / Benefit

- 15 % more power than comparable air ratchets
- Compact, durable motor
- Simple handling and infinitely variable force / speed regulation via the paddle trigger
- Full metal drive train for maximum durability
- Hand-tightening possible during operation
- LED integrated in the housing for illumination of the work area
- Sturdy housing made of polished aluminium and composite plastic
- Flexible workplace layout thanks to battery technology
- Wall-mounting of charging station possible

## Application

- Optimally suited for use in repair-, assembly- and maintenance works
- Especially suitable for the mobile work



### Technical Data

	5349 1120 14	5349 1330 38
Battery pack voltage / capacity:	12 V / 2,0 Ah	12 V / 2,0 Ah
No-load speed:	0–260 U/min	0–260 U/min
Sound level:		
Power / performance (EN60745):	76 / 87 dB (A)	76 / 87 dB (A)
Maximum torque		
- for loosening:	40 Nm	40 Nm
- for tightening:	7–34 Nm	7–34 Nm
Weight with battery:	0.98 kg	0.98 kg
Square drive:	1/4"	3/8"
Battery charging time:	1 h	1 h

Article No.	Article Description	QTY
5349 1120 14	1/4"BATT.RAT.SCREWDRIV.12V SET	1
5349 1330 38	3/8"BATT.RAT.SCREWDRIV.12V SET	1
5349 1120 14 1	1/4"BATT.RAT.SCREWDR.12V 2AH	1
5349 1330 38 1	3/8"BATT.RAT.SCREWDR.12V 2AH	1
5349 1203	BATT.LI-ION,12V/2,0AH BL1203	1
5349 1120	BATTERY CHARGER BC1120-EU	1

### Scope of delivery:

- Cordless ratchet screwdriver, charger, 1 x Li-ion battery 12 V / 2.0 Ah, tool bag

## Related Products

- Lithium-Ion Battery 12V, BL 1203, capacity 2.0 Ah  
Art.-No. 5349 1203



- Rust Remover Magic Ice S412  
Art.-No. 6700 0080



- Fine-grip gloves Duo-Grip  
Art.-No. 5405 117 7–10



# Jepson Metal Hand-Held Circ.Saw SHDC 8320

## Metal hand-held circular saw SHDC 8320

Ideal for sawing sandwich panels, trapezoidal sheets, cable ducts, steel tubes, ferrous and non-ferrous metals, composites, etc. up to a cutting depth of 120 mm

- Enclosed design prevents flying chips and reduces dust
- Low weight thanks to lightweight magnesium design
- Integrated chip compartment
- LED overload indicator
- Optional: Guide rail 1,400 mm with quick lock

### Technical Data

Power consumption:	1,800 W
Operating voltage:	230 V / 50 Hz
Idle speed:	1,700 rpm
Weight:	8.4 kg
Saw blade ø	320 mm

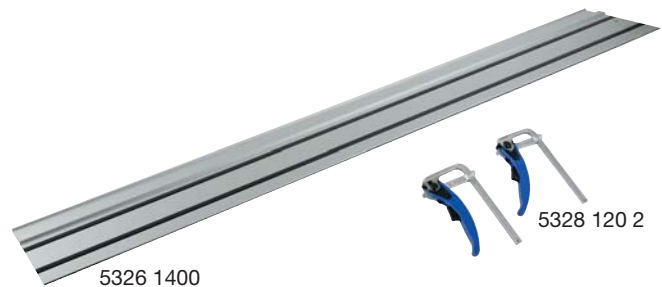
Article No.	Article Description	QTY
5326 8320	MET.HAND-HELD C.SAW SHDC 8320	1
5326 8320 1	MET.HAND-HELD C.SAW SET 8320	1
5326 120 2	QUICK-RELEASE CLAMPS 120MM	2
5326 200	CONNECTING PIECE 200 MM	1
5326 320 254 84	CIRC.SAW BLADE MET.320X254X84Z	1
5326 1400	GUIDE RAIL 1400MM	1

### Scope of delivery:

- **Art.-No. 5326 8320:** with saw blade 320 × 2.2 × 1.8 × 25.4 × 84Z
- **Art.-No. 5326 5320 1:** Set consisting of saw blade 320 × 2.2 × 1.8 × 25.4 × 84Z, guide rail 1,400 mm, quick-release clamps 2 pcs.



5326 8320



5326 1400

5328 120 2

(Ideal accessory Art.-No. 5326 1400 and Art.-No. 5328 120 2 included in delivery in set Art.-No. 5326 8320 1)



# Agitator 1,600 Watt

- High-performance engine with soft start
- Ergonomic handle
- Air supply for optimum engine cooling
- M14 intake for direct power transmission and quick tool change
- Including agitator-Ø 120 mm (pulling method)

## Fields of application:

- Light to heavy mixing works of plaster, mortar, construction adhesive, filler etc.

### Technical Data

<b>Power consumption:</b>	1,600 Watt
<b>Idle speed:</b>	1. speed 150 - 300 rpm 2. speed 300 - 650 rpm
<b>Machine chuck:</b>	M14
<b>Max. agitator-Ø:</b>	120 mm
<b>Protection type:</b>	II



Article No.	Article Description	QTY
5326 1600	AGITATOR 1600W	1
5326 1600 1	(PAIR)CARB.BRUSH.F. NT10017	1

# Fein Milling Machine for Assembly, MF 14-180

- Extremely robust and powerful assembly cutter for removing old windows
- Precise cutting with no damage to walls
- Cutting line at a minimum distance above old window Frames
- Dust-free work due to a closed suction cage
- Depth of cut with a depth stop that can be adjusted with precision
- Stable handle

## Technical Data

Rated power:	1,200 W
Power output:	750 W
Cruising speed:	7,000 rpm
Cable with plug:	4 m
Diamond disc:	Ø 180
Cutting depth:	0 – 50 mm
Weight:	4.1 kg



Article No.	Article Description	QTY
5326 14 180	FEIN MILLING MACHINE MF14-180	1

## Scope of delivery:

- 1 × Fein milling machine for assembly MF 14-180
- 1 × diamond disc Ø 180 mm
- 1 × plastic tool box

# Fein-Electr.Screwdriver ASCT 18 f. Drywall Contstr

- Suitable for all screw-driving jobs in drywall construction, incl. high-strength gypsum fibre and hard plasterboard
- Ideal for use with screw extension HP4, round
- Quick charger for continuous work without interruption
- 2,000 charge cycles per battery pack
- Depth stop easily adjustable and interchangeable
- Dustproof stop sleeve

## Technical Data

<b>Battery voltage</b>	18.0 V
<b>Battery capacity</b>	3.0 Ah
<b>Load speed</b>	0 - 2,700 rpm
<b>Idle speed</b>	0 - 4,000 rpm
<b>Max.torque (hard/soft)</b>	14/7 NM
<b>Weight with battery</b>	1.7 kg

Article No.	Article Description	QTY
5326 18	FEIN EL.SCR.DR.ASCT 18 DRYW.	1

## Scope of delivery:

- 1x plastic tool case
- 1x charger
- 1x battery pack (Li-Ion)
- 1x bit with screw guard ring
- 1x bit holder
- 1x depth stop
- 1x scaffold hook
- 1x belt clip



# Screw Extension HP4,round

- Suitable for Fein Electric Screwdriver ASCT 18
- Assembly aid for work on trapezoidal sheet of flat roof anchoring system HP4 2 C (AGR 1765 48)
- For simple, quick processing while standing
- Big savings in time and costs
- For fastening insulation and roof sealing on trapezoidal steel profiles with the flat roof anchoring system
- Fein Electric Screwdriver not included



Article No.	Article Description	QTY
5326 18 1	SCREW EXTENSION HP4 ROUND	1



## Straight Grinder 906

- Universal grinder for grinding, plastering and free-hand milling
- Clean cut due to high idle speed of 25,000 rpm
- Long grinding spindle allows for internal grinding
- Precise, vibration-free concentricity due to 4-fold ball bearing

### Standard accessory :

- Collet chuck 6 mm
- Mounted point 19 mm cylindric
- Sharpening stone
- Single open ended spanner SW17
- Single open ended spanner SW10

### Technical Data

<b>Power consumption:</b>	240 W
<b>Idle speed:</b>	25,000 rpm
<b>Collet chuck:</b>	6 mm dia.
<b>Weight:</b>	0.9 kg



Article No.	Article Description	QTY
5320 906	STRAIGHT GRINDER 906	1

## Double Grinding Machine DSM 150 W

Art.-No. 5989 150 3 1:

- Right and left glass

### Technical Data

<b>System voltage:</b>	230 V
<b>Power consumption:</b>	520 W
<b>Idle speed:</b>	2,950 rpm
<b>Grinding discs:</b>	D 150 x B 25 x 32 mm drilling
<b>Grit:</b>	P36/P60
<b>Weight:</b>	16 kg



Article No.	Article Description	QTY
5989 150 3	DOUBLE GRINDING BLOCK DSM 150W	1
5989 150 3 1	EYE PROT.GLASSES SET F.DSM150	1

## Double Grinding Machine DSM 200D

### Technical Data

<b>System voltage:</b>	400 V
<b>Power consumption:</b>	900 W
<b>Idle speed:</b>	2,950 rpm
<b>Grinding discs:</b>	D 200 x B 32 x 32 mm drilling
<b>Grit:</b>	P36/P60
<b>Weight:</b>	28 kg



Article No.	Article Description	QTY
5989 200	DOUBLE GRINDING BLOCK DSM 200D	1
5989 200 1	EYE PROT.GLASSES SET F.DSM200	1

## Polishing/Grinding Machine 9237 CB

- Professional machine for the surface treatment of paint, wood, metal and nature stone
- Electronic maximum rotation speed adjustable from 600 to 3,000 rpm using rotary knob. Fine regulation of speed from 0 - 3,000 rpm via electronic switcher
- Electronic rotary speed control for a consistent speed also under load
- With soft starting

### Standard accessory:

- Bow handle
- Polishing bonnet 180 mm
- Polishing pad 165 mm
- Centering tube 18 mm
- Allen key 6 mm

### Technical Data

<b>Power consumption:</b>	1,200 Watt
<b>Idle speed:</b>	0 - 600 / 3,000 rpm
<b>Grinding pad dia.:</b>	180 mm
<b>Weight:</b>	3.1 kg
<b>Spindle thread:</b>	M14



Article No.	Article Description	QTY
5320 9237	POLISH./GRIND.MACHINE 9237CB	1
5320 9227 1	HANDLE INCL.SCREWS F.9227 CB	1
5320 9227 2	SIDE HANDLE FOR 9227 CB	1

## Polishing/Grinding Machine BO6040J

- For surface treatment of paint, plastic, wood and metal
- Idle speed can be regulated by means of a turning knob between 1600 - 5800 rpm
- Switchable from eccentric to rotary motion
- Eccentric motion for groove-free fine grinding
- Rotary motion for rough grinding or polishing works
- Disc brake for a groove-free grinding
- Constant electronic and bland starting
- Gear bonnet with rubber pad serves as additional handle for fine workings
- High engine smoothness due to vibration damping
- Abrasive paper polishing accessories fixed with Velcro fastener

### Included in delivery:

- MAKPAC size 3
- Extraction sockets
- Allen key

### Technical Data

<b>Power consumption:</b>	750 W
<b>Idle speed:</b>	1,600 - 5,800 rpm
<b>Eccentric rotary speed:</b>	180 - 670 rpm
<b>Grinding stroke:</b>	5.5 mm Ø
<b>Pad size:</b>	150 mm Ø
<b>Punched hole:</b>	6 L / 80 mm or 8 L / 120 mm
<b>Total length:</b>	316 mm
<b>Cable length:</b>	4 m
<b>Weight:</b>	2.7 kg
<b>Spindle thread:</b>	M8



Article No.	Article Description	QTY
5321 6040 2	POLISH./GRIND.MACHINE BO6040J	1
5906 1	VELCRO BACK UP PAD 150 8/120	1
5937 1	VE.BACK UP PAD150 MULTI-H FLEX	1



# Polishing Machine AP 12 E

**Powerful 1200 Watt polishing machine for appropriate polishing works**

- DIGITRONIC – speed electronic with soft start, overhead protection, idle speed limitation
- Start-up current limiter
- Spindle lock for easy change of grinding plate
- Ergonomic design for comfortable work
- Switch carbon brushes for protecting the engine

**Included in delivery:**

- Power cable 6 m, additional handle, dome grip, polishing disc 150 mm

**Technical Data**

<b>Power consumption:</b>	1200 Watt
<b>Idle speed:</b>	900-2500 rpm
<b>Disc diameter:</b>	150 mm
<b>Spindle thread:</b>	M 14
<b>Weight:</b>	2.2 kg



Article No.	Article Description	QTY
5325 5 12 1	POLISHING MACHINE AP 12 E	1

## Orbital Sander 150 MM DW443

- Electronic smooth start and automatic constant speed
- Electronic speed control for temperature sensitive grinding and polishing
- Klettfix-system
- Incl. additional handle, dust catcher bag and abrasive paper

### Technical Data

Power consumption:	530W
Vibrations:	8,400 - 15,200 rpm
Vibrations circuit:	5 mm
Grinding paper-Ø:	150 mm
Weight:	2.7 kg



Article No.	Article Description	QTY
5328 443	ORBITAL SANDER 150MM DW443	1
5328 3601	SANDING PAD DT3601	1
5328 2639	GRINDING DISC DE2639	1

## Finishing Sander 9046

- Strong engine with 600 Watt for high removal performance
- Almost vibration-free run due to innovative dampening system
- Dust removal due to base plate or exhaust connectable
- Precise guide due to additional handle
- Abrasive paper changing due to clamping device or Klett

### Included in delivery:

- Abrasive paper set
- Dust catcher holder
- 1x dust catcher bag

### Technical Data

Power consumption:	600 W
Oscillations:	6,000 rpm
Oscillatory circuit:	5 mm Ø
Paper size:	115 mm x 280 mm
Paper size Klett:	115 mm x 232 mm
Grinding surface:	115 mm x 229 mm
Weight:	3.3 kg



Article No.	Article Description	QTY
5320 9046 1	FINISHING SANDER 9046J	1

## Burnishing Machine

- For burnishing, polishing, smoothing, matting, texturing, roughing and deburring surfaces
- Without grinding agent

### Technical Data

Power consumption	1,200 Watt
Output	700 Watt
Max. tool-Ø	115 mm
Tool width	100 mm
Tool mount	19 mm
Speed range	1,200 - 3,700 rpm
Weight	3.1 kg



Article No.	Article Description	QTY
5331 1503	BURNISHING MACHINE LP 1503VR	1

# Brush Grinder Set MBX

- Brush grinder MBX in electrical version for all areas of application in which pneumatic tools cannot be used
- Handy apparatus for removing underfloor protection and sealing materials, as well as for de-varnishing (e.g. protective paint on welding repair sheet metal) and rust removal
- High area performance
- Flexible brush strips result in high adaptability for edges and contours

## Technical Data

<b>Rotation speed:</b>	3,200 rpm
<b>Power:</b>	500 W
<b>Voltage:</b>	230 V
<b>Vibration:</b>	0.8 m / s <sup>2</sup>
<b>Noise level (LpA):</b>	83 dB

Article No.	Article Description	QTY
5341 3200	ELEC.BRUSH GRINDER SET MBX	1

## Scope of delivery:

- 1x brush grinder
- 4x brush strips, coarse, 23 cm
- 1x brush strip, fine, 23 cm
- 1x foil eraser



# Adapter for Brush Grinder

## Art.-No. 5352 3502:

- Adapter for mounting brushes and Decal Eraser with a width of 23 mm

## Art.-No. 5352 3513:

- Adapter for mounting brushes with a width of 12 mm

## Art.-No. 5352 3517:

- Quick Add: rapid assembly and disassembly of the brush belts and film remover
- Ball fibre plastic 23 mm wide

## Art.-No. 5352 3518:

- Quick Add: rapid assembly and disassembly of the brush belts
- Ball fibre plastic 12 mm wide

Article No.	Article Description	QTY
5352 3502	ADAPTER F.BRUSH GRINDER 23MM	1
5352 3513	ADAPTER F.BRUSH GRINDER 12MM	1
5352 3517	ADAPTER F.MBX-QUICK ADD 23MM	1
5352 3518	ADAPTER F.MBX-QUICK ADD 12MM	1



5352 3502



5352 3517

# Decal Eraser MBX

- The rubber will not smear due to low heat formation of lamellar shape
- High performance due to large contact area

Article No.	Article Description	QTY
5352 3507	DECAL ERASER FOR MBX	1



## Abrasive Band, Coarse - MBX

- Polyamide abrasive band, studded with spring steel staples with angled, ground and extra hardened tips
- For removal of underbody coating and sealings, particularly around seam, as well as for derusting
- **Rough sandblasting effect**

Article No.	Article Description	QTY
5352 3503	PK(5)ABRAS.BAND COARSE B23MM	1
5352 3504	PK(10)ABRAS.BAND COARSE B23MM	1
5352 3511	PK(5)ABRAS.BAND COARSE B12MM	1
5352 3512	PK(10)ABRAS.BAND COARSE B12MM	1



## Abrasive Band, Fine - MBX

- Polyamide abrasive band, studded with spring steel staples with angled, ground and extra hardened tips
- For removing paint, particularly from contoured areas and from edge areas of repair sheets
- **No sandblasting effect**

Article No.	Article Description	QTY
5352 3505	PK(5)ABRAS.BAND FINE B23MM	1
5352 3506	PK(10)ABRAS.BAND FINE B23MM	1



## Abrasive Band, Stainless Steel - MBX

- Polyamide abrasive band, studded with straight V2A steel staples
- For removing paint from aluminium e.g. around welding seams or riveted areas of van bodies

Article No.	Article Description	QTY
5352 3509	PK(5)ABRAS.BAND V2A B23MM	1



## Wet Stone MBX

- For regrounding of angled, ground tops of abrasive tapes
- Size (L x W x H): 100 x 50 x 15 mm

Article No.	Article Description	QTY
5352 3508	MBX WET STONE	1



# Glazing Machine Smart

- For glazing, smoothing, matting, structuring, brushing, de-ridging, etc.
- Smart tool attachment for quick release of tools for rollers up to 150 mm wide
- Vibration-reduced grip, 5-way swivel, for right-handed and left-handed people
- Simple regulation of rotation speed for optimal grip with tachogenerator for constant rotation under stress
- Infinitely adjustable rotation control
- Swiveling protection hood with extendable polycarbonate protection for grinding roller widths up to 150 mm
- Quick-Lock cable
- Cable length 4 m
- Rubber grip for slip-free work
- In plastic case

## Technical Data

<b>Power consumption:</b>	1,750 watt
<b>Power output:</b>	1,150 Watt
<b>Max. tool-Ø:</b>	115 mm
<b>Tool attachment:</b>	Smart System 19 mm keyway
<b>Tool width:</b>	150 mm with Smart System 1100 mm with 19 mm keyway
<b>Rotation:</b>	1,000 – 3,800 rpm
<b>Weight:</b>	3.3 kg
<b>Power supply:</b>	220 V – 50 – 60 Hz

Article No.	Article Description	QTY
5339 1	GLAZING MACHINE SMART	1

## Contents:

- 1x Art.-No. 5339 1 2: expansion roller Smart
- 1x Art.-No. 5339 1 1: Expansion roller Smart Adapter
- 1x Art.-No. 5325 9 4 4: Quick-Lock cable 4 m
- 1x Distance ring set 3 pce
- 2x Art.-No. 5339 90 40: grinding belts zircon 90 x 100 mm P40
- 2x Art.-No. 5339 90 60: grinding belts zircon 90 x 100 mm P60
- 2x Art.-No. 5339 90 80: grinding belts zircon 90 x 100 mm P80
- 1x Art.-No. 5339 90 1: fleece belt fine 90 x 100 mm
- 1x Art.-No. 5339 90 2: fleece belt medium 90 x 100 mm
- 2x Art.-No. 5969 50 40 1: abrasive flaps Smart 105 x 50 mm P40
- 1x Art.-No. 5969 100 80 4: glazing roller fleece Smart 105 x 100 mm P80
- 1x Art.-No. 5969 100 80 5: glazing roller linen/fleece Smart 105 x 100 mm P80
- 1x Art.-No. 5969 150 80 6: glazing roller Smart 105 x 150 mm P80





# Pipe Grinding Machine 130 MAX

- For grinding, matting, glazing, removing welding seams, rust and scale, elimination of slight and deep scratches on closed and open pipe constructions from 10 mm to 130 mm with 1/4 enclosure
- Longitudinal plane surfaces
- Results in a homogenous and even finish
- Modern steam system with gas pressure steamer enables maximum enclosure of the pipe
- Simple regulation of the rotation speed for optimal grip with tachogenerator for constant rotation under pressure
- Infinitely adjustable rotation
- Driving roller with rubber O-rings and a slip-free belt run
- Polyurethane deflection pulley for gentle placement and permanent elasticity
- Quick and easy belt change
- Ideal belt run ensures that no readjusting is needed
- Vibration-proof grip with 5-way swivel, for right and left-handed operators
- With additional grip for fatigue-free and comfortable operation
- Quick-Lock cable
- Cable length 4 m
- In aluminium case



## Technical Data

<b>Power consumption:</b>	1,540 Watt
<b>Tool dimensions L x B:</b>	780 x 40 mm
<b>Rotation:</b>	950 – 3,600 rpm
<b>Weight:</b>	4.8 kg
<b>Power supply:</b>	220 V – 50 – 60 Hz

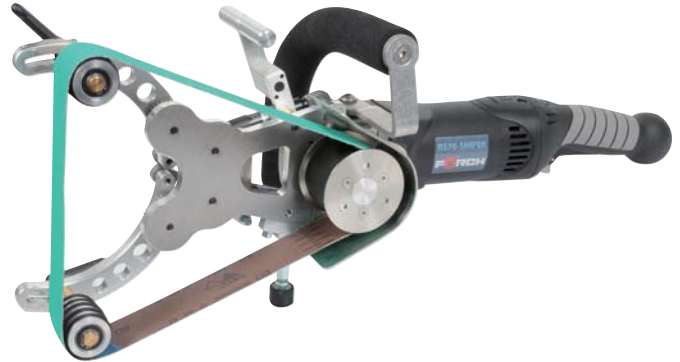
Article No.	Article Description	QTY
5339 130	PIPE GRINDING MACHINE 130 MAX	1

## Contents:

- 1x Art.-No. 5325 9 4 4: Quick-Lock cable 4 m
- 2x Art.-No. 5339 40 40: grinding belts zircon 40 x 780 mm P40
- 2x Art.-No. 5339 40 60 : grinding belts zircon 40 x 780 mm P60
- 2x Art.-No. 5339 40 80: grinding belts zircon 40 x 780 mm P80
- 2x Art.-No. 5339 40 120: grinding belts zircon 40 x 780 mm P120
- 2x Art.-No. 5339 401: fleece belt fine 40 x 780 mm
- 2x Art.-No. 5339 40 2: fleece belt medium 40 x 780 mm

# Pipe Grinding Machine 70 Sniper

- For grinding, matting, glazing, removing welding seams, rust and scale, elimination of slight and deep scratches on closed and open pipe constructions from 30 mm to 42 mm with 2/3 enclosure and up to 70 mm with 1/2 enclosure
- Due to optimal pipe enclosure, a complete 360° pipe processing is possible from one position
- Minimal use of force thanks to a modern surrounding technique when using the aluminium hand lever
- Modern steaming system with gas pressure steamer enables comfortable grinding of pipes with reduced use of force
- Fatigue-free operation in every position thanks to optimal weight distribution and bail handle
- Infinitely adjustable rotation
- Stainless steel toothed wheels for low-wear work
- Easily adjustable enclosure angle
- Adjustable deflection rollers for optimal rotation of the grinding belt
- Quick-Lock cable
- Cable length 4 m
- In aluminium case



## Technical Data

<b>Power consumption:</b>	1,750 Watt
<b>Tool dimensions L x B:</b>	780 x 40 mm
<b>Rotation:</b>	1,000 – 3,800 rpm
<b>Weight:</b>	4.9 kg
<b>Power supply:</b>	220 V – 50 – 60 Hz

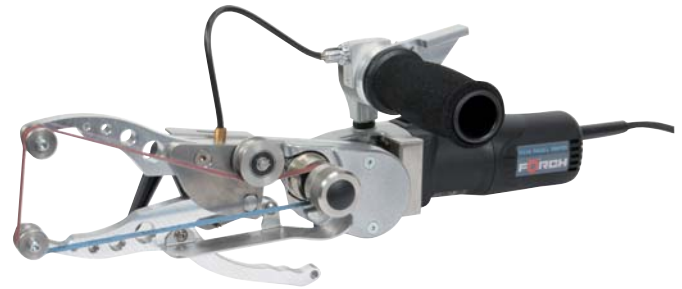
Article No.	Article Description	QTY
5339 70	PIPE GRIND. MACHINE 70 SNIPER	1

## Contents:

- 1x Art.-No. 5325 9 4 4: Quick-Lock cable 4 m
- 2x Art.-No. 5339 40 40: grinding belts zircon 40 x 780 mm P40
- 2x Art.-No. 5339 40 60: grinding belts zircon 40 x 780 mm P60
- 2x Art.-No. 5339 40 80: grinding belts zircon 40 x 780 mm P80
- 2x Art.-No. 5339 40 120: grinding belts zircon 40 x 780 mm P120
- 2x Art.-No. 5339 40 1: fleece belt fine 40 x 780 mm
- 2x Art.-No. 5339 40 2: fleece belt medium 40 x 780 mm

# Pipe Grinding Machine 30 Small Sniper

- For grinding and trimming of welding joints, rust, and scale, removal of deep scratches on enclosed and open piping constructions from 9 mm to 22 mm with 2/3 enclosure and up to 30 mm with 1/2 enclosure
- The optimum piping enclosure makes it possible to work a full 330° degrees around the pipe
- Stainless steel guiding rolls with rounded, stationary supporting disks for careful working of workpieces
- Continuous adjustment of strip feed with side tension lever
- Continuously adjustable speed control
- Damped vibration grip, with 5 swivel directions for right-handed and left-handed users
- Minimum effort thanks to a unique enclosure technology with operation of the aluminium hand lever
- Additional guide lever facilitates continuous pressing for controlled fine work
- In plastic case



## Technical Data

<b>Power consumption:</b>	850 Watt
<b>Tool dimensions L x B:</b>	533 x 9 mm
<b>Rotation:</b>	1,300 – 5,200 rpm
<b>Weight:</b>	3.6 kg
<b>Power supply:</b>	220 V – 50 – 60 Hz

Article No.	Article Description	QTY
5339 30	PIPE GRIND.MACH.30 SM. SNIPER	1

# Pipe Grinding Machine 75 Duo Adaptive

- Pipe grinding machine and grinding machine in one
- For grinding, matting, glazing, removing welding seams, rust and scale, elimination of slight and deep scratches on open pipe constructions
- For pipe diameters of 4 mm to 75 mm with 1/4 enclosure with changeable rolls measuring 3,5 and 9 mm in width for processing narrow grinding spaces
- Quick adjustment without additional tools
- Secure belt run, no readjusting needed
- Driving roller with rubber O-rings ensures a slip-free belt run
- Vibration-proof grip with 5-way swivel, for right and left-handed operators
- Infinitely adjustable rotation
- Machine stand for stable operation
- In plastic case

## Technical Data

<b>Power consumption:</b>	850 Watt
<b>Rotation:</b>	1;300 – 5;900 rpm
<b>Weight:</b>	2.7 kg
<b>Power supply:</b>	220 V – 50 – 60 Hz
<b>Pipe belt attachment</b>	
<b>Tool dimensions L x B:</b>	260 x 60 mm
<b>Belt file attachment</b>	
<b>Tool dimensions L x B:</b>	533 x 3 mm, 533 x 5 mm, 533 x 9 mm

Article No.	Article Description	QTY
5339 75	PIPE GRIND.MACH.75 DUO ADAPT.	1

## Contents:

- 1x belt file attachment
- 1x pipe belt attachment
- 1x changeable roll for 3 mm belt width
- 1x changeable roll for 5 mm belt width
- 1x changeable roll for 9 mm belt width
- 1x machine stand
- 2x Art.-No. 5339 60 60: grinding sleeve precious corundum 60 x 260 mm P60
- 1x Art.-No. 5339 60 80: grinding sleeve precious corundum 60 x 260 mm P80
- 1x Art.-No. 5339 60 120: grinding sleeve precious corundum 60 x 260 mm P120
- 1x Art.-No. 5339 260 1: fleece sleeve fine 60 x 260 mm
- 1x Art.-No. 5339 260 2: fleece sleeve medium 60 x 260 mm
- 1x Art.-No. 5339 9 40: grinding belt 9 x 533 mm P40
- 1x Art.-No. 5339 9 60: grinding belt 9 x 533 mm P60
- 1x Art.-No. 5339 9 80: grinding belt 9 x 533 mm P80
- 1x Art.-No. 5339 9 120: grinding belt 9 x 533 mm P120
- 1x Art.-No. 5339 533 1: fleece belt fine 9 x 533 mm
- 1x Art.-No. 5339 533 2: fleece belt medium 9 x 533 mm
- 1x Art.-No. 5339 5 40: grinding belt precious corundum 5 x 533 mm P40
- 1x Art.-No. 5339 5 60: grinding belt precious corundum 5 x 533 mm P60
- 1x Art.-No. 5339 3 40: grinding belt precious corundum 3 x 533 mm P40
- 1x Art.-No. 5339 3 60: grinding belt precious corundum 3 x 533 mm P60



Pipe belt attachment



Belt file attachment



Stable operation

# Wash'n'Vacuum Cleaner

- Complete accessory system for hygienic deep cleaning and daily care.
  - Spray extraction cleaner 4 in 1
    1. Clean carpet - spray and vacuum fibre-deep clean
    2. Care cushion - spray and vacuum hygienic fresh
    3. Wipe hard floor - spray and dry at the same time
    4. Vacuum all - wet and dry, at any time
  - High dust retention
  - Good wet / dry cleaning
  - Easy spot removal
  - Special pressure pump for constant spraying
  - Easy to handle cleaning agent tank
  - Easy handling
  - Handle with cable tray for fitting the connection lead
  - Suction pipe support at the back of the device for fitting the suction hose
  - Robust stainless steel suction pipe
  - Splash-proof
  - 4 movable wheels
  - 2 step high performance turbine
  - Accessory intake on motor head
- Art.-No. 6100 1771**
- Dosage: 200 ml to 1l of water

## Technical Data

<b>High performance turbine:</b>	max. 1.600 W
<b>Special pressure pump</b>	4 bar
<b>Fresh water tank:</b>	4,7 l inset
<b>Canister volume (wet and dry):</b>	20 l
<b>Water absorption:</b>	7 l
<b>Connection lead, length:</b>	5 m
<b>Weigh:</b>	8 kg
<b>Colour:</b>	grey - stainless steel / light-grey / red
<b>Hose length:</b>	2 m

Article No.	Article Description	QTY
<b>5337 20</b>	WASH+VAC.CLEAN.PREST.20S AQUAF	1
<b>5337 20 1</b>	WET-NOZZLE SMALL F.VACUUMCL20S	1
<b>5337 20 2</b>	WET NOZZLE BIG F.VACUUM CL.20S	1
<b>6100 1771</b>	WASH'N'VACUUM CONCENTRATE 1L	e 10

## Scope of delivery:

- A) 1x upholstery nozzle
- B) 1x carpet nozzle
- C) 1x crevice tool
- D) 1x Art.-No. 5337 20 2: wet-nozzle big for wash'n'vacuum cleaner 20 S
- E) 1x Art.-No. 5337 20 1: wet-nozzle small for wash'n'vacuum cleaner 20 S
- F) 1x Hard floor adaptor
- G) 1x siphon nozzle
- H) 1x aqua filter
- I) 1x bottle concentrate for wash'n'vacuum cleaner 500 ml
- J) 1x compound tank



5337 20



6100 1771



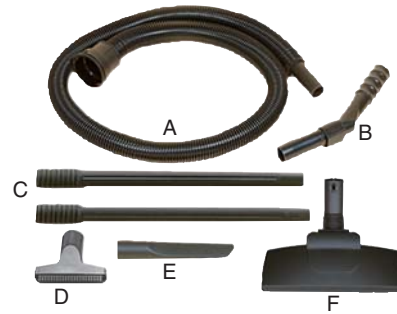


# All-Purpose Vacuum Cleaner AS 1220 PH

- Powerful wet and dry vacuum cleaner
- Engine blower with with bypass cooling system
- Special-plastic-container, contents: 20 l
- 2 large wheels, 1 castor
- Carrying handle, cable hook and storage space for tools
- Folded filter cartridge FP3600

## Technical Data

<b>Suction hose Ø</b>	35 mm
<b>Power consumption:</b>	max. 1,200 Watt
<b>Max. flow volume:</b>	70 l/s
<b>Max. vacuum:</b>	210 mbar
<b>Container volume:</b>	max. 20 l - 15 l dust - 8 l water
<b>Dimension L x W x H:</b>	39 x 39 x 43 cm
<b>Weight:</b>	5.6 kg



Article No.	Article Description	QTY
5335 1 12 20	ALL-PURP.VAC.CLEAN. AS 1220 PH	1

## Scope of delivery

- A) 1x Art.-No. 5336 1 35 1: Suction hose Ø 35 mm, 1.75 m length  
 B) 1x Art.-No. 5336 2 35 1: Tubular handle Ø 35 mm  
 C) 2x Art.-No. 5336 2 35 6: Suction tube Ø 35 mm, 48 cm length  
 D) 1x Art.-No. 5336 3 35 8: Upholstery nozzle Ø 35 mm  
 E) 1x Art.-No. 5336 3 35 5: Crevice nozzle Ø 35 mm, 21 cm length  
 F) 1x Art.-No. 5336 3 35 1: Universal nozzle Ø 35 mm

# All-Purpose Vacuum Cleaner AS-A-1220 PP

- Powerful wet and dry vacuum cleaner
- Engine blower with bypass cooling system
- 20 l special plastic container
- Cable plug
- Automatic switch
- 2 big wheels, 1 steering roller
- Carrying handle, cable hook and storage space for tools
- Folded filter cartridge FP 3600

## Technical Data

<b>Suction hose Ø :</b>	35 mm
<b>Power consumption:</b>	max. 1,200 Watt
<b>Max. volume flow:</b>	70 l/s
<b>Max. vacuum:</b>	210 mbar
<b>Container volume:</b>	max. 20 l - 15 l dust - 8 l water
<b>Measurement L x W x H:</b>	39 x 39 x 43 cm
<b>Weight:</b>	5.6 kg



Article No.	Article Description	QTY
5335 1 12 20 35	ALL-PURP.VAC.CLEAN.AS A-1220PP	1

## Scope of delivery:

- A) 1x Art.-No. 5336 1 35 2: Suction hose Ø 35 mm, 3.2 m length  
 B) 1x Art.-No. 5336 2 35 1: Plastic handle Ø 35 mm  
 C) 2x Art.-No. 5336 2 35 6: Plastic suction pipe Ø 35 mm, 48 cm length  
 D) 1x Art.-No. 5336 3 35 5: Crevice nozzle Ø 35 mm, 21 cm length  
 E) 1x Art.-No. 5336 3 35 7: Rubber nozzle Ø 35 mm, 23 cm length  
 F) 1x Art.-No. 5336 3 35 3: Universal nozzle Ø 35 mm, adjustable

# Industrial Vacuum NSG uClean 1432 ST

- Vacuum cleaner with basic equipment
- For wet/dry cleaning
  - Workshop, industrial plant
  - Course dirt
  - Buildings (garages, household etc.)
- Fibrous mat filter bag FBV 25-35
- Cellulose folded filter cartridge FP 3600 (3,600 cm<sup>2</sup> filter area), additional filter FSS 1200
- PVC power cord, Length: 8 m
- Accessory depot
- Park position
- Water level sensing
- Blow function
- Hose upcoiler and plug mount
- Special plastic container, volume: 32 l

## Technical Data

<b>Suction hose Ø:</b>	Ø 49 mm
<b>Nominal power:</b>	1,400 W
<b>Max. volume flow:</b>	69 l/s
<b>Max. suction:</b>	295 mbar
<b>Container volume:</b>	32 l Brutto (28 l dust or 21 l water)
<b>Dimensions L x W x H:</b>	39 cm x 37 cm x 63.5 cm
<b>Weight:</b>	9.3 kg

Article No.	Article Description	QTY
5335 2 14 32 1	INDUSTR.VACUUM CL.1432 ST	1

## Scope of delivery:

- A) 1x Art.-No. 5336 1 49 1: Suction hose (ø 49 mm x 1.75 m)  
 B) 2x Art.-No. 5336 2 49 1: Suction pipe, plastic (each 50 cm)  
 C) 1x Art.No. 5336 3 49 2: Crevice attachment (16 cm long)  
 D) 1x Art.No. 5336 3 49 3: Course dirt attachment  
 E) 1x Art.No. 5336 3 49 1: Course dirt floor attachment (36 cm)



# Industrial Vacuum NSG uClean 1445 Vehicle

- Vacuum cleaner with basic equipment
- For wet/dry cleaning
  - Workshop, industrial plant
  - Course dirt
  - Buildings (garages, household etc.)
- Fibrous mat filter bag FBV 45-55
- Cellulose folded filter cartridge FP 7200 (7,200 cm<sup>2</sup> filter area), additional filter FSS 1200
- PVC power cord, Length 8 m
- Accessory depot
- Rubberised wheels and rollers
- Water level sensing
- Blow function
- Hose upcoiler and plug mount
- Special plastic container, volume: 45 l

## Technical Data

<b>Suction hose Ø :</b>	35 mm
<b>Nominal power:</b>	1,400 W
<b>Max. volume flow:</b>	69 l/s
<b>Max. suction:</b>	259 mbar
<b>Container volume:</b>	45 l Brutto (40 l dust or 33 l water)
<b>Dimension L x W x H:</b>	48.3 cm x 48.3 cm x 79 cm
<b>Weight:</b>	14.4 kg

Article No.	Article Description	QTY
5335 2 14 45 1	INDUSTR.VACUUM CL.1445 VEHICLE	1

## Scope of delivery:

- A) 1x Art.-No. 5336 1 35 3: Suction hose Ø 35 mm, length: 5.0 m  
 B) 1x Art.-No. 5336 3 35 10: Crevice nozzle Ø 35 mm, length: 37 cm



# Industrial Vacuum NSG uClean LD 1435 PZ

- Vacuum cleaner with professional equipment
- For professional wet/dry cleaning
- Machines
- Industrial equipment
- Large surfaces
- Fibrous mat filter bag FBV 25-35
- Polyester folded filter cartridge FP 3600 (3,600 cm<sup>2</sup> filter area), additional filter FSS 1200
- PVC power cord, Length 8 m
- Accessory depot
- Rubberised wheels and rollers
- Park position
- Water level sensing
- Hose upcoiler and plug mount
- Soft start
- Blow function
- 35 l stainless steel container



## Technical Data

<b>Suction hose Ø :</b>	35 mm
<b>Nominal power:</b>	1,400 W
<b>Max. volume flow:</b>	69 l/sec.
<b>Max. suction:</b>	259 mbar
<b>Container volumen:</b>	35 l Brutto (30 l dust or 23 l water)
<b>Dimensions L x W x H:</b>	46 x 43 x 70 cm
<b>Weight:</b>	9.9 kg

Article No.	Article Description	QTY
5335 2 14 35 2	INDUSTR.VACUUM LD-1435PZ	1

## Scope of delivery:

- A) 1x Art.-No. 5336 1 35 2: Suction hose ø 35 mm 3.2 m long  
 B) 1x Art.-No. 5336 2 35 2: Handle metal ø 35 mm  
 C) 2x Art.-No. 5336 2 35 4: Suction pipe metal ø 35 mm, 48 cm long  
 D) 1x Art.-No. 5336 3 35 16: Floor nozzle Profi ø 45 mm  
 E) 1x Art.-No. 5336 3 35 10: Crevice nozzle ø 35 mm, 37 cm long  
 F) 1x Art.-No. 5336 3 35 15: Suction brush



# Industrial Vacuum Cleaner GS 2078 PZ

- Powerful professional wet and dry vacuum cleaner, ideally suitable for the cleaning of buildings, industry, bodywork workshops, construction
- Two-stage engine blower with bypass cooling
- 78 l stainless steel container
- Tilttable chassis
- Carrying handle, cable hook and storage space for tools
- Folded filter cartridge FP 3200

## Technical Data

<b>Suction hose Ø :</b>	35 mm
<b>Capacity:</b>	max. 2,400 Watt
<b>Max. volume flow:</b>	2x 54 l/s
<b>Max. vacuum:</b>	205 mbar
<b>Container volume:</b>	max. 78 l gross 57 l / 50 l
<b>Dimension L x W x H:</b>	61 x 60 x 94 cm
<b>Weight:</b>	24 kg

Article No.	Article Description	QTY
5335 2 20 78 1	INDUSTR.VACU.CLEAN.GS 2078 PZ	1

## Scope of delivery:

- A) 1x Art.-No. 5336 1 35 2: Suction hose Ø 35 mm, 3.2 m length  
 B) 1x Art.-No. 5336 2 35 2: Stainless steel carrying tube Ø 35 mm  
 C) 2x Art.-No. 5336 2 35 4: Stainless steel suction tube, Ø 35 mm, 48 cm length  
 D) 2x Art.-No. 5336 3 35 16: Floor nozzle Ø 35 mm, 45 cm length  
 E) 1x Art.-No. 5336 3 35 10: Crevice nozzle Ø 35 mm, 37 cm length  
 F) 1x Art.-No. 5336 3 35 15: Suction brush



# Craftsman Vacuum NSG uClean ARDL 1432 EWSR

- High-performance wet and dry vacuum for normal dust generation
- With automatic filter cleaning
- For universal use in industrial environments, workshops, and on construction sites
- The vacuum cleaner is equipped with an electric outlet to facilitate work with electric power tools.
- With automatic starting for the electric power tool
- Antistatic vacuum cleaner design
- Integrated water level detection
- Vacuum cleaner with blow out function

## Technical Data

<b>Suction pipe Ø:</b>	35 mm
<b>Nominal power:</b>	max. 1,400 W
<b>Max. volume flow:</b>	69 l/s
<b>Max. suction:</b>	259 mbar
<b>Container volumen:</b>	max. 32 l Brutto (27 l dust or 20 l water)
<b>Dimensions L x W x H:</b>	42.5 x 39 x 64 cm
<b>Weight:</b>	10.2 kg

Article No.	Article Description	QTY
5335 2 14 32 2	CRAFTSMAN VACUUM ARDL-1432EWSR	1

## Scope of delivery:

- A) 1x Art.-No. 5336 1 35 4: Suction hose red Ø 35 mm, 5 m long  
 B) 1x Art.-No. 5336 3 35 11: Rubber sleeve Ø 35 mm, graded  
 C) 1x Art.-No. 5336 2 35 2: Handle metal Ø 35 mm  
 D) 2x Art.-No. 5336 2 35 4: Suction pipe steel Ø 35 mm, 48 cm long  
 E) 1x Art.-No. 5336 3 35 5: Crevice nozzle Ø 35 mm, 21 cm long  
 F) 1x Art.-No. 5336 3 35 12: Nozzle body Ø 35 mm, 37 cm wide  
 G) 1x Art.-No. 5336 3 35 13: Hard floor adapter for nozzle body



# Craftsman Vacuum NSG uClean ADL-1445 EHP

- For universal use in industrial environments, workshops, and on construction sites
- The vacuum cleaner is equipped with an electric outlet for working with electric power tools
- With automatic starting for the electric power tool
- With automatic filter cleaning
- Antistatic vacuum cleaner design
- Integrated water level detection
- Vacuum cleaner with blow out function
- High-performance wet and dry vacuum for normal dust generation
- Fleece filter bag FBV 45-55

## Technical Data

<b>Suction hose Ø :</b>	35 mm
<b>Nominal power:</b>	max. 1,400 W
<b>Max. volume flow:</b>	69 l/s
<b>Max. suction:</b>	259 mbar
<b>Container volumen:</b>	max. 45 l Brutto (40 l dust or 33 l water)
<b>Dimensions (L x W x H):</b>	48.3 x 48.3 x 79.0 cm
<b>Weight:</b>	12.6 kg

Article No.	Article Description	QTY
5335 2 14 45 2	CRAFTSMAN VACUUM ADL-1445 EHP	1

## Scope of delivery:

- A) 1x Art.-No. 5336 1 35 2: Suction hose Ø 35 mm x 3.2 m long  
 B) 1x Art.-No. 5336 2 35 1: Handle, plastic Ø 35 mm  
 C) 2x Art.-No. 5336 2 35 6: Suction pipe Ø 35 mm, 48 cm long  
 D) 1x Art.-No. 5336 3 35 5: Crevice nozzle  
 E) 1x Art.-No. 5336 3 35 7: Rubber nozzle Ø 35 mm  
 F) 1x Art.-No. 5336 3 35 30: Floor nozzle 49 cm





# Industrial Vacuum Cleaner ISC ARD-1625/1650 EWS

- Innovative wet and dry cleaner specially for craft and industry
- 2-phase engine blowing with bypass cooling
- 25 l or 50 l special plastic container
- Electro magnetic impulse filter cleaning
- Automatic vibrator system (vibration of suctioned dust) during breaks, saves time and improves the working performance
- Cable plug with switch on automatic
- 2 big wheels, 2 steering rollers with locks (ISC ARD-1450 EWS additionally with driving hoop)
- Carrying handle, cable hook and storage space for tools
- Speed regulator and volume flow display
- Soft start control and follow-up electronic
- Water detection with sensor switch off
- Compact, handy, flexible and easy to transport
- Easy and user-friendly operation
- Impact-resistant and robust design
- 2 filter cassettes FKP 4300 (Polyester)

## Technical Data

	ISC ARD-1425 EWS	ISC ARD-1450 EWS
<b>Suction hose-Ø:</b>	35 mm	35 mm
<b>Power:</b>	max. 1,600 Watt	max. 1,600 Watt
<b>Max. volume flow:</b>	64 l/s	64 l/s
<b>Max. vacuum:</b>	259 mbar	259 mbar
<b>Container volume:</b>	max. 25 l brutto (20 l dust or 15 l water)	max. 50 l brutto (45 l dust or 40 l water)
<b>Sound level:</b>	69 dB	69 dB
<b>Dimensions L x W x H:</b>	43 x 49 x 49 cm	59,5 x 46,5 x 96 cm
<b>Weight:</b>	12,7 kg	17,7 kg

Article No.	Article Description	QTY
5335 3 1 16 25	IND.VAC.CLEAN.ISC ARDL-1625EWS	1
5335 3 1 16 50	IND.VAC.CLEAN.ISC ARDL-1650EWS	1

## Scope of delivery:

- A) 1x Art.-No. 5336 1 35 3: Suction tube Ø 35 mm, 5 m long  
 B) 1x Art.-No. 5336 2 35 2: Metal handle Ø 35 mm  
 C) 2x Art.-No. 5336 2 35 4: Steel suction pipe Ø 35 mm, 48 cm long  
 D) 1x Art.-No. 5336 3 35 5: Crevice nozzle Ø 35 mm, 21 cm long  
 E) 1x Art.-No. 5336 3 35 11: Rubber sleeve Ø 35 mm, stepped  
 F) 1x Art.-No. 5336 3 35 12: Nozzle body Ø 35 mm, 37 cm wide  
 G) 1x Art.-No. 5336 3 35 13: Hard floor adapter for nozzle body





# Industrial Vacuum Cleaner ISP ARDL-1635 EWS

- Automatic electromagnetic pulse filter cleaning with „Permanent Clean“ cleans the filter continuously during suction mode - without interrupting the suction flow
- Pressure difference monitored
- 300 g of force effect on the filter during cleaning, constantly high air flow
- Device socket with automatic switch-on mode
- Continuously adjustable speed control
- Volume flow display
- Soft start control and electronic overrun
- Water detection with sensor switch-off
- Antistatically prepared
- Carrying handle with hinged cable hook and hose rolling-up
- Accessories storage
- Large, reinforced wheels and castor wheels

## Technical Data

<b>Suction hose Ø:</b>	35 mm
<b>Nominal power:</b>	max. 1,000 W
<b>Max. volume flow:</b>	61 l/s
<b>Max. underpressure:</b>	248 mbar
<b>Container volume:</b>	max. 35 l gross - 25 l dust - 22 l water
<b>Sound pressure level:</b>	69 dB
<b>Dimension L x W x H:</b>	55 x 40 x 55 cm
<b>Weight:</b>	15 kg



Article No.	Article Description	QTY
5335 3 16 35 3	IND.VAC.CL.ISP ARDL1635EWS IMP	1

## Scope of delivery:

- A) 1 x Art.-No. 5336 1 35 3: Suction hose Ø 35 mm, 5 m long
- B) 1 x Art.-No. 5336 2 35 2: Handle tube metal Ø 35 mm
- C) 2 x Art.-No. 5336 2 35 4: Suction tube steel Ø 35 mm, 48 cm long
- D) 1 x Art.-No. 5336 3 35 5: Groove suction nozzle, Ø 35 mm, 21 cm long
- E) 1 x Art.-No. 5336 3 35 11: Rubber sleeve, Ø 35 mm, graded
- G) 1 x Art.-No. 5336 3 35 13: Hard floor accessory for nozzle

# Industrial Vacuum Cleaner ISC ARM-1425 EW

- Automatic electromagnetic pulse filter cleaning cleans the filter during work breaks
- Pneumatic socket
- Device socket with automatic switch-on mode
- Pre-selector for volume flow / hose diameter
- Acoustic signal for low volume flow
- Rotary slide for inserting the PE-cleanout bag
- Soft start control and electronic overrun
- Water detection with sensor switch-off
- Antistatically prepared
- Carrying handle with hinged cable hook and hose rolling-up
- Accessories storage, deposition surface for tools and small parts
- 2 big wheels, 2 castor wheels
- 2-stage motor fan with bypass-cooling

## Technical Data

<b>Suction hose:</b>	Ø 27 mm
<b>Nominal power:</b>	max. 1,400 W
<b>Max. volume flow:</b>	max. 42 l/s
<b>Max. underpressure:</b>	max. 220 mbar
<b>Container volume:</b>	max. 25 l gross - 20 l dust - 15 l water
<b>Dimensions L x W x H:</b>	43 x 39 x 49 cm
<b>Weight:</b>	12.7 kg



Article No.	Article Description	QTY
5335 3 1 14251	IND.VAC.CLEANER ISC ARM1425EWP	1

## Scope of delivery:

- A) 1x Suction hose Ø 27 mm, 5 m long incl. compressed air hose
- B) 1x Connecting sleeve, graded

# Industrial Vacuum Cleaner ISP ARM-1635 EW

- Powerful vacuum cleaner, BGIA dust class M
- 2-phase engine blowing with bybass cooling
- Automatic electromagnetic impulse filter cleaning during suction operation without interruption of work and loss of suctioning
- Plug cable with switch on automatic
- 2 big wheels, 2 steering rollers with lock
- Acoustic and optical filling level display of full container or less than minimum required volume flow
- Pre-selection switch for volume flow/tube diameter
- Soft starting control
- Follow-up electronic
- Water detection with sensor switch off
- Special emptying bag (PE) for dust-free disposal (3x)
- Innovative filter concept, 2x innovative cellulose folded filter cassettes FKP 4300 (Polyester)
- Permanent Clean - working without interruption

## Technical Data

<b>Suction hose:</b>	Ø 35 mm
<b>Power:</b>	max. 1,400 Watt
<b>Max. volume flow:</b>	max. 42 l/s
<b>Max. vacuum:</b>	max. 220 mbar
<b>Container volume:</b>	max. 35 l gross - 25 l dust - 22 l water
<b>Size L x W x H:</b>	55 x 40 x 55 cm
<b>Weight:</b>	15 kg

Article No.	Article Description	QTY
5335 3 16 35 4	IND.VAC.CL.ISP ARM-1635EW IMP.	1

## Included in delivery:

- A) 1x Art. No. 5336 1 35 3 Suction tube Ø 35 mm, 5 m long  
 B) 1x Art. No. 5336 3 35 11 Rubber sleeve Ø 35 mm, stepped



# Industrial Vacuum Cleaner ISP ARH-1435 EW

- Powerful industrial cleaner, BGIA dust class H
- 2-phase engine blower with bypass cooling
- Automatic electromagnetic impulse filter cleaning during suction operation without interruption of work and loss of suctioning
- Plug cable with switch on automatic
- 2 big wheels, 2 steering rollers with lock
- Acoustic and optical filling level display of full container or less than minimum required volume flow
- Pre-selection switch for volume flow/tube diameter
- Soft starting control and follow-up electronic
- Water detection with sensor switch off
- Closure for inlet sockets for dust-free transportation of the vacuum cleaner
- Special emptying bag (PE) for dust-free disposal (3x)
- Innovative filter concept, 2x three-layered HEPA-folded filter cassette FKP 4300 HEPA
- Permanent Clean - working without interruption

## Technical Data

<b>Suction hose:</b>	Ø 35 mm
<b>Power:</b>	max. 1.400 Watt
<b>Max. volume flow:</b>	max. 42 l/s
<b>Max. vacuum:</b>	max. 220 mbar
<b>Container volume:</b>	max. 35 l gross - 25 l dust - 22 l water
<b>Size LxWxH:</b>	55 x 40 x 55 cm
<b>Weight:</b>	15 kg

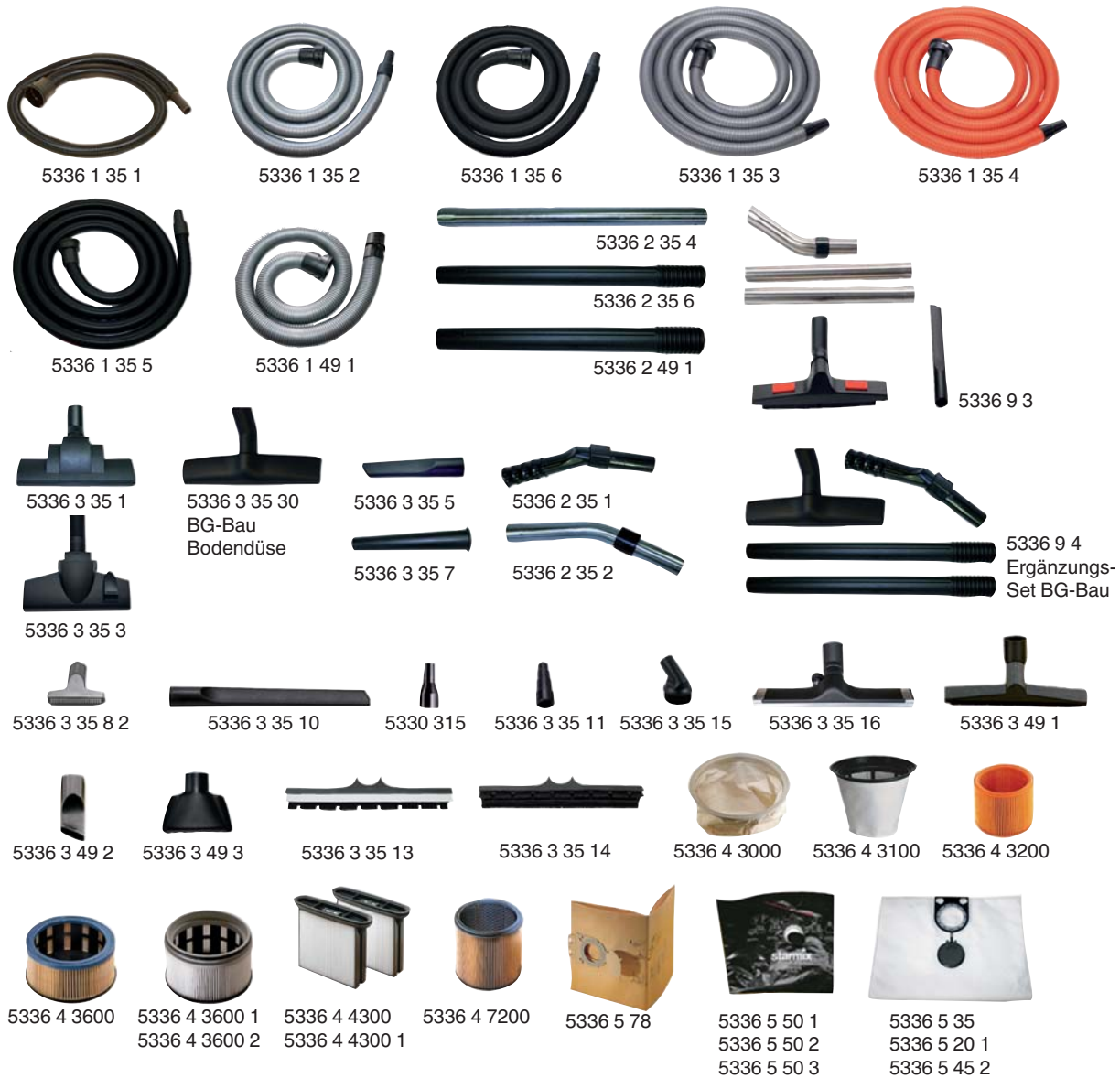
Article No.	Article Description	QTY
5335 3 16 35 8	IND.VAC.CL.ISP ARH 1635 EWA	1

## Included in delivery:

- A) 1x Art. No. 5336 1 35 3 Suction tube Ø 35 mm, 5 m long  
 B) 1x Art. No. 5336 3 35 11 Rubber sleeve Ø 35 mm, stepped



# Accessories



Article No..	Article Description	QTY
5336 1 2	(PAIR)LATERAL LOCK	1
5336 1 25	SIDE LOCKING FOR 5335 3 12 25	1
5336 1 35	(PAIR)SIDE LOCKINGS FOR ISP	1
5336 1 50	SIDE LOCKING FOR IS 1250/1050	1
5336 1 35 1	SUCTION HOSE D 35MM L1.75M	1
5336 1 35 2	SUCTION HOSE D 35MM L 3.2M	1
5336 1 35 6	ANTISTATIC HOSE DIA.35MM 3.2M	1
5336 1 35 3	SUCTION HOSE D 35MM L 5.00M	1
5336 1 35 4	SUCTION HOSE D 35MM L5.00M RED	1
5336 1 35 5	ANTISTATIC HOSE DIA.35MM 5M	1
5336 1 49 1	SUCTION HOSE D 49MM L1.75M	1
5336 2 35 4	SUCTION TUBE D35MM STEEL L48CM	1
5336 2 35 6	SUCT.TUBE D35MM PLASTIC 48CM	1
5336 2 49 1	SUCT.PIPE D49MM PLASTIC 48CM	1
5336 9 3	STANDARD ADD. SET F. ISP-EW	1
5336 9 4	STANDARD-ERG.-SET F. ISP/ISC M	1
5336 3 35 3	UNIVERSAL NOZZLE D35MM	1
5336 3 35 30	BG FLOOR NOZZLE 35MM	1
5336 3 35 5	CREVICE NOZZLE D 35MM	1
5336 3 35 7	RUBBER NOZZLE D35MM	1
5336 2 35 1	TUBULAR HANDLE D 35MM PLASTIC	1
5336 2 35 2	HANDLE TUBE D 35MM METAL	1
5336 3 35 8 2	UPHOLST.NOZZLE D35MM+PL.BRUSH	1
5336 3 35 10	CREV.NOZ.D35MM F.GS 1245 AUTOM	1
5330 315	HOSE ADAPTER 49/35MM	1
5336 3 35 11	RUBBER SLEEVE D35MM	1

Article No.	Article Description	QTY
5336 3 35 15	SUCTION BRUSH 35MM	1
5336 3 35 16	PROFI FLOOR NOZZLE 45	1
5336 3 49 1	FLOOR NOZZLE D49MM F.GS1032 ST	1
5336 3 49 2	CREV.NOZZLE D49MM F.GS1032 ST	1
5336 3 49 3	ROUGH DIRT NOZZ.49 F.GS1032 ST	1
5336 3 35 13	HARD FLOOR ADAP.F.5336 3 35 12	1
5336 3 35 14	WATER INSERT FOR 5336 3 35 12	1
5336 3 37 12	DUST NOZZLE-HARD FLOOR 37CM	1
5336 3 37 13	FLOOR NOZZLE-WATER INSERT 37CM	1
5336 4 1200	FOAMED FILTER FSS 1200	1
5336 4 3000	TEXT.FILTER FST 3000K AS 1020	1
5336 4 3100	POLYESTER FILTER BAG FSP 3100	1
5336 4 3200	FOLDED FILTER FP3200 GS2078 GI	1
5336 4 3600	FOLDED FILTER FP 3600	1
5336 4 3600 1	FOLDED FILTER FPP 3600	1
5336 4 3600 2	FOLDED FILTER FPPR3600 F.HS AR	1
5336 4 4300	PAIR(2)FILTERCASSETTES FKP4300	1
5336 4 4300 1	PAIR(2)FILTERC.HEPA FKP4300	1
5336 4 7200	FOLDEDFILTER FP 7200 GSA1245EH	1
5336 5 78	PK(5)PAPER FILTER BAG FB 78	1
5336 5 50 1	PK(5)EMPTYI.BAG F.IS ARH-1250	1
5336 5 50 2	PK(5)EMPTYI.BAG F.5335 3 10 50	1
5336 5 50 3	PK(5)EMPTYING BAG FOR ISP.	1
5336 5 35	PK(5)FLEECE FILTER BAG	1
5336 5 20 1	PK(5)FLEECE FILTER BAG 20	1
5336 5 45 2	PK(5)FLEECE FILTER BAG 45-55	1

Accessories		AS 1220 PH Art.-No. 5335 1 12 20	AS A-1220 PP Art.-No. 5335 1 12 20 35	GS 1432 ST Art.-No. 5335 2 14 32 1	GS 1445 Kfz Art.-No. 5335 2 14 45 1
Closures f. plastic container	Art.-No. 5336 1 2	●	●	●	●
Closure lateral set of 2	Art.-No. 5336 1 25				
(Pair) closure latera f. ISP	Art.-No. 5336 1 35				
Suction hose Ø 35 mm, 1,75 m long	Art.-No. 5336 1 35 1	●			
Suction hose Ø 35 mm, 3,2 m long	Art.-No. 5336 1 35 2	●	●		●
Suction hose Ø 35 mm, 3,2 m long antistatisch	Art.-No. 5336 1 35 6	●	●		●
Suction hose Ø 35 mm, 5 m long	Art.-No. 5336 1 35 3	●	●		●
Suction hose Ø 35 mm, 5 m long antistatisch	Art.-No. 5336 1 35 5	●	●		●
Suction hose red Ø 35 mm, 5 m long	Art.-No. 5336 1 35 4	●	●		●
Suction hose Ø 49 mm, 1,75 m long	Art.-No. 5336 1 49 1			●	
Closure lateral	Art.-No. 5336 1 50				
Handle plastic Ø 35 mm	Art.-No. 5336 2 35 1		●		
Handle metal Ø 35 mm	Art.-No. 5336 2 35 2	●			
Suction tube steel Ø 35 mm, 48 cm long	Art.-No. 5336 2 35 4				
Suction tube plastic Ø 35 mm, 48 cm long	Art.-No. 5336 2 35 6	●	●		
Suction tube plastic Ø 49 mm, 48 cm long	Art.-No. 5336 2 49 1			●	
Universal nozzle Ø 35 mm	Art.-No. 5336 3 35 1	●			
Universal nozzle Ø 35 mm, adjustable	Art.-No. 5336 3 35 3		●		
Crevice nozzle Ø 35 mm, 21 cm long	Art.-No. 5336 3 35 5	●	●		●
Rubber nozzle Ø 35 mm, 23 cm long	Art.-No. 5336 3 35 7				
Upholstery nozzle Ø 35 mm + plug-in brush	Art.-No. 5336 3 35 8 2	●	●		●
Crevice nozzle Ø 35 mm, 37 cm long	Art.-No. 5336 3 35 10				●
Rubber sleeve Ø 35 mm, stepped	Art.-No. 5336 3 35 11				
Hard floor adapter for nozzle body	Art.-No. 5336 3 35 13				
Water adapter for nozzle body	Art.-No. 5336 3 35 14				
Suction brush	Art.-No. 5336 3 35 15				
Profi floor nozzle 45	Art.-No. 5336 3 35 16				
Floor nozzle Ø 49 mm, 35 cm wide	Art.-No. 5336 3 49 1			●	
Crevice nozzle Ø 49 mm, 16 cm long	Art.-No. 5336 3 49 2			●	
Rough dirt nozzle Ø 49 mm	Art.-No. 5336 3 49 3			●	
Foamed filter FSS 1200	Art.-No. 5336 4 1200	●	●	●	●
Textile filter FST 300	Art.-No. 5336 4 3000	●	●		
Polyester filter bag FSP 3100	Art.-No. 5336 4 3100				
Folded filter FP 3200	Art.-No. 5336 4 3200				
Folded filter FP 3600	Art.-No. 5336 4 3600	●	●	●	
Folded filter FPP 3600	Art.-No. 5336 4 3600 1				
Folded filter FPPR 3600	Art.-No. 5336 4 3600 2				
Filter cassettes FKP 4300	Art.-No. 5336 4 4300				
Filter cassettes HEPA FKP 4300	Art.-No. 5336 4 4300 1				
Folded filter FP 7200	Art.-No. 5336 4 7200				●
Fleece filter bag FB 20	Art.-No. 5336 5 20 1	●	●		
Fleece filter bag 25 / 35	Art.-No. 5336 5 35				
Fleece filter round 30 / 35	Art.-No. 5336 5 35 1			●	
Wet filter bag, 2-layered	Art.-No. 5336 5 45 1				
Fleece filter bag FB 45 – 55	Art.-No. 5336 5 45 2				●
Emptying bag	Art.-No. 5336 5 50 1				
Emptying bag	Art.-No. 5336 5 50 2				
Emptying bag ISP	Art.-No. 5336 5 50 3				
Paper filter bag FB 78	Art.-No. 5336 5 78				

Accessories		GS LD 1435 PZ Art.-No. 5335 2 14 35 2 Art.-No. 5335 2 14 35 3	GS 2078 PZ Art.-No. 5335 2 20 78 1	ARDL 1432 EWSR Art.-No. 5335 2 14 32 2	ADL-1445 EHP Art.-No. 5335 2 14 45 2
Closures f. plastic container	Art.-No. 5336 1 2	●		●	●
Closure lateral set of 2	Art.-No. 5336 1 25				
(Pair) closure latera f. ISP	Art.-No. 5336 1 35				
Suction hose Ø 35 mm, 1,75 m long	Art.-No. 5336 1 35 1				
Suction hose Ø 35 mm, 3,2 m long	Art.-No. 5336 1 35 2	●	●	●	●
Suction hose Ø 35 mm, 3,2 m long antistatisch	Art.-No. 5336 1 35 6	●	●	●	●
Suction hose Ø 35 mm, 5 m long	Art.-No. 5336 1 35 3	●	●	●	●
Suction hose Ø 35 mm, 5 m long antistatisch	Art.-No. 5336 1 35 5	●	●	●	●
Suction hose red Ø 35 mm, 5 m long	Art.-No. 5336 1 35 4	●	●	●	●
Suction hose Ø 49 mm, 1,75 m long	Art.-No. 5336 1 49 1				
Closure lateral	Art.-No. 5336 1 50				
Handle plastic Ø 35 mm	Art.-No. 5336 2 35 1				●
Handle metal Ø 35 mm	Art.-No. 5336 2 35 2	●	●	●	
Suction tube steel Ø 35 mm, 48 cm long	Art.-No. 5336 2 35 4	●	●	●	
Suction tube plastic Ø 35 mm, 48 cm long	Art.-No. 5336 2 35 6				●
Suction tube plastic Ø 49 mm, 48 cm long	Art.-No. 5336 2 49 1				
Universal nozzle Ø 35 mm	Art.-No. 5336 3 35 1				
Universal nozzle Ø 35 mm, adjustable	Art.-No. 5336 3 35 3				●
Crevice nozzle Ø 35 mm, 21 cm long	Art.-No. 5336 3 35 5	●		●	●
Rubber nozzle Ø 35 mm, 23 cm long	Art.-No. 5336 3 35 7				●
Upholstery nozzle Ø 35 mm + plug-in brush	Art.-No. 5336 3 35 8 2				
Crevice nozzle Ø 35 mm, 37 cm long	Art.-No. 5336 3 35 10	●	●		
Rubber sleeve Ø 35 mm, stepped	Art.-No. 5336 3 35 11			●	
Hard floor adapter for nozzle body	Art.-No. 5336 3 35 13			●	●
Water adapter for nozzle body	Art.-No. 5336 3 35 14				
Suction brush	Art.-No. 5336 3 35 15	●	●		
Profi floor nozzle 45	Art.-No. 5336 3 35 16	●	●		
Floor nozzle Ø 49 mm, 35 cm wide	Art.-No. 5336 3 49 1				
Crevice nozzle Ø 49 mm, 16 cm long	Art.-No. 5336 3 49 2				
Rough dirt nozzle Ø 49 mm	Art.-No. 5336 3 49 3				
Foamed filter FSS 1200	Art.-No. 5336 4 1200	●		●	●
Textile filter FST 300	Art.-No. 5336 4 3000				
Polyester filter bag FSP 3100	Art.-No. 5336 4 3100		●		
Folded filter FP 3200	Art.-No. 5336 4 3200		●		
Folded filter FP 3600	Art.-No. 5336 4 3600	●			
Folded filter FPP 3600	Art.-No. 5336 4 3600 1				●
Folded filter FPPR 3600	Art.-No. 5336 4 3600 2			●	
Filter cassettes FKP 4300	Art.-No. 5336 4 4300				
Filter cassettes HEPA FKP 4300	Art.-No. 5336 4 4300 1				
Folded filter FP 7200	Art.-No. 5336 4 7200				
Fleece filter bag FB 20	Art.-No. 5336 5 20 1				
Fleece filter bag 25 / 35	Art.-No. 5336 5 35				
Fleece filter round 30 / 35	Art.-No. 5336 5 35 1	●		●	
Wet filter bag, 2-layered	Art.-No. 5336 5 45 1				●
Fleece filter bag FB 45 – 55	Art.-No. 5336 5 45 2				●
Emptying bag	Art.-No. 5336 5 50 1				
Emptying bag	Art.-No. 5336 5 50 2				
Emptying bag ISP	Art.-No. 5336 5 50 3				
Paper filter bag FB 78	Art.-No. 5336 5 78		●		



Accessories		ISC ARDL-1625 EWS Art.-No. 5335 3 1 16 25	ISC ARDL-1650 EWS Art.-No. 5335 3 1 16 50	ISP ARDL-1635 EWS Art.-No. 5335 3 16 35 3 Art.-No. 5335 3 16 35 6	ISP ARM 1635 EW Art.-No. 5335 3 16 35 4 Art.-No. 5335 3 16 35 7
Closures f. plastic container	Art.-No. 5336 1 2				
Closure lateral set of 2	Art.-No. 5336 1 25	●			
(Pair) closure latera f. ISP	Art.-No. 5336 1 35			●	●
Suction hose Ø 35 mm, 1,75 m long	Art.-No. 5336 1 35 1				
Suction hose Ø 35 mm, 3,2 m long	Art.-No. 5336 1 35 2	●	●	●	●
Suction hose Ø 35 mm, 3,2 m long antistatisch	Art.-No. 5336 1 35 6	●	●	●	●
Suction hose Ø 35 mm, 5 m long	Art.-No. 5336 1 35 3	●	●	●	●
Suction hose Ø 35 mm, 5 m long antistatisch	Art.-No. 5336 1 35 5	●	●	●	●
Suction hose red Ø 35 mm, 5 m long	Art.-No. 5336 1 35 4	●	●	●	●
Suction hose Ø 49 mm, 1,75 m long	Art.-No. 5336 1 49 1				
Closure lateral	Art.-No. 5336 1 50		●		
Handle plastic Ø 35 mm	Art.-No. 5336 2 35 1				
Handle metal Ø 35 mm	Art.-No. 5336 2 35 2	●	●	●	●
Suction tube steel Ø 35 mm, 48 cm long	Art.-No. 5336 2 35 4	●	●		
Suction tube plastic Ø 35 mm, 48 cm long	Art.-No. 5336 2 35 6				
Suction tube plastic Ø 49 mm, 48 cm long	Art.-No. 5336 2 49 1				
Universal nozzle Ø 35 mm	Art.-No. 5336 3 35 1				
Universal nozzle Ø 35 mm, adjustable	Art.-No. 5336 3 35 3				
Crevice nozzle Ø 35 mm, 21 cm long	Art.-No. 5336 3 35 5	●	●	●	
Rubber nozzle Ø 35 mm, 23 cm long	Art.-No. 5336 3 35 7				
Upholstery nozzle Ø 35 mm + plug-in brush	Art.-No. 5336 3 35 8 2				
Crevice nozzle Ø 35 mm, 37 cm long	Art.-No. 5336 3 35 10				
Rubber sleeve Ø 35 mm, stepped	Art.-No. 5336 3 35 11	●	●	●	●
Hard floor adapter for nozzle body	Art.-No. 5336 3 35 13	●	●	●	
Water adapter for nozzle body	Art.-No. 5336 3 35 14				
Suction brush	Art.-No. 5336 3 35 15				
Profi floor nozzle 45	Art.-No. 5336 3 35 16				
Floor nozzle Ø 49 mm, 35 cm wide	Art.-No. 5336 3 49 1				
Crevice nozzle Ø 49 mm, 16 cm long	Art.-No. 5336 3 49 2				
Rough dirt nozzle Ø 49 mm	Art.-No. 5336 3 49 3				
Foamed filter FSS 1200	Art.-No. 5336 4 1200				
Textile filter FST 300	Art.-No. 5336 4 3000				
Polyester filter bag FSP 3100	Art.-No. 5336 4 3100				
Folded filter FP 3200	Art.-No. 5336 4 3200				
Folded filter FP 3600	Art.-No. 5336 4 3600				
Folded filter FPP 3600	Art.-No. 5336 4 3600 1				
Folded filter FPPR 3600	Art.-No. 5336 4 3600 2				
Filter cassettes FKP 4300	Art.-No. 5336 4 4300	●	●		●
Filter cassettes HEPA FKP 4300	Art.-No. 5336 4 4300 1			●	
Folded filter FP 7200	Art.-No. 5336 4 7200				
Fleece filter bag FB 20	Art.-No. 5336 5 20 1				
Fleece filter bag 25 / 35	Art.-No. 5336 5 35	●		●	●
Fleece filter round 30 / 35	Art.-No. 5336 5 35 1				
Wet filter bag, 2-layered	Art.-No. 5336 5 45 1		●		
Fleece filter bag FB 45 – 55	Art.-No. 5336 5 45 2		●		
Emptying bag	Art.-No. 5336 5 50 1			●	●
Emptying bag	Art.-No. 5336 5 50 2				
Emptying bag ISP	Art.-No. 5336 5 50 3			●	●
Paper filter bag FB 78	Art.-No. 5336 5 78				

Accessories		IISP ARH 1635 EW Art.-No. 5335 3 16 35 5 Art.-No. 5335 3 16 35 8	ISC ARM-1425 EWP Art.-No. 5335 3 1 14251
Closures f. plastic container	Art.-No. 5336 1 2		
Closure lateral set of 2	Art.-No. 5336 1 25		
(Pair) closure latera f. ISP	Art.-No. 5336 1 35	●	
Suction hose Ø 35 mm, 1,75 m long	Art.-No. 5336 1 35 1		
Suction hose Ø 35 mm, 3,2 m long	Art.-No. 5336 1 35 2	●	
Suction hose Ø 35 mm, 3,2 m long antistatisch	Art.-No. 5336 1 35 6	●	
Suction hose Ø 35 mm, 5 m long	Art.-No. 5336 1 35 3	●	
Suction hose Ø 35 mm, 5 m long antistatisch	Art.-No. 5336 1 35 5	●	
Suction hose red Ø 35 mm, 5 m long	Art.-No. 5336 1 35 4	●	
Suction hose Ø 49 mm, 1,75 m long	Art.-No. 5336 1 49 1		●
Closure lateral	Art.-No. 5336 1 50		●
Handle plastic Ø 35 mm	Art.-No. 5336 2 35 1		
Handle metal Ø 35 mm	Art.-No. 5336 2 35 2	●	
Suction tube steel Ø 35 mm, 48 cm long	Art.-No. 5336 2 35 4		
Suction tube plastic Ø 35 mm, 48 cm long	Art.-No. 5336 2 35 6		
Suction tube plastic Ø 49 mm, 48 cm long	Art.-No. 5336 2 49 1		
Universal nozzle Ø 35 mm	Art.-No. 5336 3 35 1		
Universal nozzle Ø 35 mm, adjustable	Art.-No. 5336 3 35 3		
Crevice nozzle Ø 35 mm, 21 cm long	Art.-No. 5336 3 35 5		
Rubber nozzle Ø 35 mm, 23 cm long	Art.-No. 5336 3 35 7		
Upholstery nozzle Ø 35 mm + plug-in brush	Art.-No. 5336 3 35 8 2		
Crevice nozzle Ø 35 mm, 37 cm long	Art.-No. 5336 3 35 10		
Rubber sleeve Ø 35 mm, stepped	Art.-No. 5336 3 35 11	●	●
Hard floor adapter for nozzle body	Art.-No. 5336 3 35 13		
Water adapter for nozzle body	Art.-No. 5336 3 35 14		
Suction brush	Art.-No. 5336 3 35 15		
Profi floor nozzle 45	Art.-No. 5336 3 35 16		
Floor nozzle Ø 49 mm, 35 cm wide	Art.-No. 5336 3 49 1		
Crevice nozzle Ø 49 mm, 16 cm long	Art.-No. 5336 3 49 2		
Rough dirt nozzle Ø 49 mm	Art.-No. 5336 3 49 3		
Foamed filter FSS 1200	Art.-No. 5336 4 1200		
Textile filter FST 300	Art.-No. 5336 4 3000		
Polyester filter bag FSP 3100	Art.-No. 5336 4 3100		
Folded filter FP 3200	Art.-No. 5336 4 3200		
Folded filter FP 3600	Art.-No. 5336 4 3600		
Folded filter FPP 3600	Art.-No. 5336 4 3600 1		
Folded filter FPPR 3600	Art.-No. 5336 4 3600 2		
Filter cassettes FKP 4300	Art.-No. 5336 4 4300		●
Filter cassettes HEPA FKP 4300	Art.-No. 5336 4 4300 1	●	
Folded filter FP 7200	Art.-No. 5336 4 7200		
Fleece filter bag FB 20	Art.-No. 5336 5 20 1		
Fleece filter bag 25 / 35	Art.-No. 5336 5 35	●	●
Fleece filter round 30 / 35	Art.-No. 5336 5 35 1		
Wet filter bag, 2-layered	Art.-No. 5336 5 45 1		
Fleece filter bag FB 45 – 55	Art.-No. 5336 5 45 2		
Emptying bag	Art.-No. 5336 5 50 1	●	
Emptying bag	Art.-No. 5336 5 50 2		
Emptying bag ISP	Art.-No. 5336 5 50 3	●	
Paper filter bag FB 78	Art.-No. 5336 5 78		

# Electronic Hot Glue Gun

- Electronically controlled with mechanical feed
- Warm-up time approx. 7 min., 20-45 Watt
- For hot bonding of selective and smal connections

**Art.-No. 5345 3003**

- **Glue sticks**
- Contents: 20 pieces, corresponds to 500 g, transparent
- Length: 250 mm, Ø: 11 mm

Technical Data			
Art.-No.:	5345 3002	5344 195	
Melting temperature:	206 °C	190 °C	
Heating time:	7 min	7 min	
Power:	200 W	120 W	
Power supply:	230 – 240 V, 50 Hz	230 – 240 V, 50 Hz	

Article No.	Article Description	QTY
5345 3002	ELECTRONIC HOT GLUE GUN 20-45	1
5344 195	GLUE GUN HB195	1
5345 3003	(PK20)HOT GLUE GUN STICKS-500G	1



5345 3002



5344 195

# Hot Air Blower DW 2000

- High-quality hot air blower
- Settings allow variable airflow which ensures a perfect welding result
- Lightweight housing prevents operator fatigue
- Soft grip reduces vibration to the operator's hand
- LED temperature display (adjustable in degree increments)
- Built-in voltmeter (see input voltage at a glance at any time)
- 25 % higher air pressure and air flow than conventional devices
- The automatic cool-down mode ensures safe use and prolongs heating element life
- Brushless blower motor means high performance and superior quality for the life of the device
- Cable length: 3m



## Technical Data

<b>Length</b>	330 mm
<b>Diameter (handle):</b>	48 mm
<b>Operating temperature range:</b>	+150 °C to +600 °C
<b>Airflow:</b>	270 l/min
<b>Weight:</b>	780 g
<b>Power supply:</b>	~ 230 V
<b>Output:</b>	2,000 W
<b>Mains frequency:</b>	50 / 60 Hz

Article No.	Article Description	QTY
5345 2000	HOT AIR BLOWER DW 2000	1

# Hot Air Gun HL 1620 S

- Shrinking of shrink hoses and shrink connectors
- Loosening seized bearings, bolts, sleeves cogs, screws etc.
- Removing paint, chip protection, sealant and seals, e.g. cylinder head gaskets, adhesive labels etc.
- Welding bitumen sheets
- Cutting polystyrene
- Plane welding
- Foiling
- Tin coating of vehicle-bodywork

## Technical Data

<b>Display:</b>	no
<b>Temperature setting:</b>	Adjusting slider
Stage 1:	+ 300 °C
Stage 2:	+ 500 °C
<b>Airflow rate</b>	
Stage 1:	240 l/min
Stage 2:	450 l/min
<b>Residual heat indicator:</b>	no
<b>Weight excl.power cable:</b>	700 g
<b>Power:</b>	1,600 W
<b>Mains connection:</b>	230 – 240 V, 50 Hz

Article No.	Article Description	QTY
5345 1620	HOT AIR GUN HL 1620 S	1



# Hot Air Gun HG 2120 E

- Shrinking of shrink hoses and shrink connectors
- Loosening seized bearings, bolts, sleeves, cogs, screws etc.
- Removing paint, chip protection, sealant and sals, e.g. cylinder head gaskets, adhesive labels etc.
- Welding bitumen sheets
- Cutting polystyrene
- Plane welding
- Foiling
- Tin-plating of vehicle bodywork
- 7.5 m cable

## Technical Data

<b>Display:</b>	no
<b>Temperature setting:</b>	Smoothly in 9 increments per adjusting
Stage 1:	+ 80 °C
Stage 2:	+ 80 to 630 °C
Stage 3:	+ 80 to 630 °C
<b>Airflow rate:</b>	
Stage 1:	150 l/min
Stage 2:	150 – 300 l/min
Stage 3:	300 – 500 l/min
<b>Residual heat indicator:</b>	no
Weight excl. power cable:	0.850 kg
<b>Power:</b>	2,200 W
<b>Mains connection:</b>	230 – 240 V, 50 Hz



Article No.	Article Description	QTY
5345 2120	HOT AIR GUN HG 2120 E	1

# Hot Air Gun HG 2320 E

- Shrinking of shrink hoses and shrink connectors
- Loosening seized bearings, bolts, sleeves, cogs, screws, etc.
- Removing paint, chip protection ,sealant and seals, e.g. cylinder head gaskets, adhesive labels etc.
- Welding bitumen sheets
- Cutting polystyrene
- Plane welding
- Foiling
- Tin-plating of vehicle bodywork

## Technical Data

<b>Display:</b>	LCD indicator in 10 °C increments
<b>Temperature setting:</b>	per button
Stage 1:	+ 80 °C
Stage 2:	+ 80 to + 650 °C
<b>Airflow rate</b>	
Stage 1:	150 l/min
Stage 2:	150 – 500 l/min
<b>Programme:</b>	
1:	+ 250 °C / approx. 350 l/min
2:	+ 350 °C / approx. 400 l/min
3:	+ 450 °C / approx. 500 l/min
4:	+ 550 °C / approx. 400 l/min
<b>Residual heat indicator:</b>	yes
<b>Weight excl.power cable:</b>	0.96 kg
<b>Power:</b>	2,300 W
<b>Mains connection:</b>	230 – 240 V, 50 Hz



Article No.	Article Description	QTY
5345 2320	HOT AIR GUN HG 2320 E	1



# Hot Air Gun HG 2420 E



- Temperature can be set between +80 and + 650 °C
- Ergonomic handle
- Ceramic heater
- Delivered in plastic case

## Technical Data

<b>Art.-No.:</b>	<b>5345 2420</b>
<b>Display:</b>	no
<b>Temperature setting:</b>	via the adjusting dial in 9 increments + 80 to 650 °C
<b>Airflow rate</b>	
Stage 1:	150 – 400 l/min
Stage 2:	200 – 400 l/min
<b>Residual heat indicator:</b>	no
<b>Weight excl.power cable:</b>	0.610 kg
<b>Power:</b>	2,200 W
<b>Mains connection:</b>	230 – 240 V, 50 Hz

Article No.	Article Description	QTY
5345 2420	HOT AIR GUN HG 2420 E	1

## Your Advantage / Benefit

- Increased lifespan of 1,000 hours
- Slender, lightweight design
- Integrated fine particle filter (suitable for construction sites)
- Simple and rapid mains cable replacement

## Application

- Foiling of cars
- Plane welding
- Shrinking of shrink hoses and shrink connectors
- Loosening seized bearings, bolts, sleeves, cogs, screws etc.
- Removing paint, chip protection, sealant and seals, e.g. cylinder head gaskets, adhesive labels etc.
- Welding bitumen sheets
- Cutting polystyrene
- Tin-plating of vehicle bodywork



# Hot Air Gun HG 2620 E



- Temperature can be set between +50 and +700 °C
- Ergonomic handle
- Ceramic heater

## Technical Data

<b>Art.-No.:</b>	<b>5345 2620</b>
<b>Display:</b>	LCD indicator in 10 °C increments
<b>Temperature setting:</b>	per button + 50 to 700 °C
<b>Airflow rate:</b>	150 – 600 l/min
<b>Programme:</b>	
1:	+ 250 °C / approx. 350 l/min
2:	+ 350 °C / approx. 400 l/min
3:	+ 450 °C / approx. 500 l/min
4:	+ 550 °C / approx. 400 l/min
<b>Residual heat indicator:</b>	yes
<b>Weight excl. power cable:</b>	0.840 kg
<b>Power:</b>	2,300 W
<b>Mains connection:</b>	230 – 240 V, 50 Hz

Article No.	Article Description	QTY
5345 2620	HOT AIR GUN HG 2620 E	1

## Your Advantage / Benefit

- Slender, lightweight design
- Integrated fine particle filter (suitable for construction sites)
- Increased lifespan of 10,000 hours
- Simple and rapid mains cable replacement
- Brushless motor

## Application

- Loosening seized bearings, bolts, sleeves, cogs, screws etc.
- Removing paint, chip protection, sealant and seals, e.g. cylinder head gaskets, adhesive labels etc.
- Welding bitumen sheets
- Cutting polystyrene
- Plane welding
- Foiling
- Shrinking of shrink hoses and shrink connectors
- Tin-plating of vehicle bodywork



Accessories for DW 2000, HL 1620 S, HG 2120 E, HG 2320 E, HG 2420 E and HG 2620 E

## Wide-Grooved Nozzle, 40mm

- For selective weldings

Article No.	Article Description	QTY
5345 40	WIDE-GROOVED NOZZLE 40MM	1



## Wide-angle nozzle

### Art.-No. 5345 9:

- For flat air distribution with small surfaces
- Width 50 mm

### Art.-No. 5345 3:

- Provides flat air distribution for drying, paint removal, etc.
- Width 75 mm

Article No.	Article Description	QTY
5345 9	WIDE-BEAM NOZZLE 50MM	1
5345 3	WIDE-BEAM NOZZLE 75MM	1



5345 9



5345 3

## Wide-Grooved Nozzle

- For tarpauling weldings
- Clip-on nozzle 14 mm - reducing nozzle Art.-No. 5345 13

Article No.	Article Description	QTY
5345 10	WIDE-GROOVED NOZZLE	1



## Reflecting Nozzle

- For soldering of pipes and shrinkage of shrink hoses and connectors

### Art.-No. 5345 11:

- Especially for processing solder connections

Article No.	Article Description	QTY
5345 7	REFLECTING NOZZLE	1
5345 11	SOLDER REFLECTING NOZZLE	1



5345 7



5345 11

# Reducing Nozzle

- Precise hot air during unsolder and plastic welding process

Article No.	Article Description	QTY
5345 12	REDUCING NOZZLE 9MM	1
5345 13	REDUCING NOZZLE 14MM	1



# Temperature Meter HL Scan

- For temperature-sensitive workpieces
- Acoustic and optical signal provides a warning when the temperature exceeds or falls below the permitted temperature
- One hand remains free when plugged into the hot air gun
- Optimum distance to the object 15 cm
- The object must be larger than the measurement point in order to obtain accurate results
- Suitable for Art.-No. 5345 2120 and 5345 2320
- Compatible 9 V battery Art.-No. 3880 9



## Technical Data

<b>Measuring unit:</b>	Celsius (°C) or Fahrenheit (F)
<b>Measuring range:</b>	0 °C – 300 °C 0 °C – 100 °C +/- 2 °C 100 °C – 300 °C +/- 5 %
<b>Ratio of distance to measuring point:</b>	10:1
<b>Resolution:</b>	1 °C / 1 °F
<b>Ambient temperature:</b>	0 – 50 °C
<b>Power supply:</b>	9 V Battery
<b>Dimensions (LxWxH):</b>	142 x 50 x 40 mm

Article No.	Article Description	QTY
5345 100	TEMP. SCANNER F. HOT AIR GUN	1

Accessories allocation Hot air gun		Wide-angle nozzle HL 1620 S Art.-No. 5345 1620	Wide-angle nozzle HG 2120 E Art.-No. 5345 2120	Wide-angle nozzle HG 2320 E Art.-No. 5345 2320	Wide-angle nozzle HG 2420 E Art.-No. 5345 2420	Wide-angle nozzle HG 2620 E Art.-No. 5345 2620	Wide-angle nozzle DW 2000 Art.-No. 5345 2000
Wide-angle nozzle, 75 mm	Art.-No. 5345 3	x	x	x			
Reflector nozzle	Art.-No. 5345 7	x	x	x	x	x	x
Wide-angle nozzle, 50 mm	Art.-No. 5345 9	x	x	x			
Solder reflector nozzle	Art.-No. 5345 11		x	x			
Reduction nozzle, 9 mm	Art.-No. 5345 12		x	x			
Reduction nozzle, 14 mm	Art.-No. 5345 13		x	x			
Fishtail nozzle, 40 mm	Art.-No. 5345 40				x	x	x
Temperature Meter HL Scan	Art.-No. 5345 100		x	x			

# Glass Removal System Super Wire

- Simple glass removal without transposing the Super Wire up to a screen diagonal of 2 metres
- Can even be used with very bowed windscreens and low clearance
- Very strong round wire also cuts double adhesive beads
- Robust gears and engine unit with slip drive
- Thanks to the motorisation and remote control, the windscreen can be removed without much physical effort from outside or inside
- The deflection unit is variably adjustable
- The Anti-Metal-Cut-System (Metal-Detector), optionally available, warns the operator by means of an acoustic signal before the wire touches or cuts into the car body

## Technical Data

<b>Battery:</b>	Li/Ions 18 V / 3 Ah
<b>Weight:</b>	approx. 6 kg
<b>Speed of spool:</b>	0 - 40 rpm

Article No.	Article Description	QTY
5356 9	GLASS REMOV. SYSTEM SUPER WIRE	1

## Scope of delivery:

1× metal toolbox, 1× grindstone, 1× Allen key



# Fein-Cutter FSC 1.6

- Cutter with oscillating trajectory for the removal of bonded wind-screens
- Stepless electronic cutting frequency regulation
- Hexagon tool intake with powerful connection between machine and tool

## Technical Data

<b>Power:</b>	400 Watt
<b>Idle speed:</b>	11,000 – 18,500 rpm
<b>Cable connector:</b>	5.0 m
<b>Weight:</b>	1.25 kg

Article No.	Article Description	QTY
5356 400	FEIN-CUTTER FSC 1.6	1

**Scope of delivery:** 1× metal tool box, 1× sharpening stick, 1× pin wrench





## Fein-Cutter FSC 1.6

- Cutter with oscillating trajectory for the removal of bonded wind-screens
- Stepless electronic cutting frequency regulation
- Hexagon tool intake with powerful connection between machine and tool

### Technical Data

Power:	400 Watt
Idle speed:	11,000 - 18,500 rpm
Cable connector:	5.0 m
Weight:	1.25 kg



Article No.	Article Description	QTY
5356 400	FEIN-CUTTER FSC 1.6	1

### Scope of delivery:

- 1x metal tool box, 1x sharpening stick, 1x pin wrench

## Fein-Cutter FSN400 E Individual Parts

Article No.	Article Description	QTY
5356 1	SHARPENING STICK FOR BLADE	1



## Saw Blades for Fein-Knives

Article No.	Article Description	QTY
5356 63	(PK2)FEIN CIRC.BLADE HSS 63MM	1
5356 80	(PK2)FEIN CIRC.BLADE HSS 80MM	1



## Car Window Removal Kit

- Car Window Removal Kit with knives, for fast and safe removal of windscreens belonging to almost all vehicles

Article No.	Article Description	QTY
5356 20	CAR WINDOW REMOVAL KIT	1

### Contents:

- 3x Art.-No. 5356 207, 1x Art.-No. 5356 208, 1x Art.-No. 5356 209, 1x Art.-No. 5356 157, 1x Art.-No. 5356 111, 2x Art.-No. 5356 212



# Motor Workshop Kit

- For the removal of windscreens, rear and side windows
- HSS-saw blades for the removal of sheets and plastics, spatula for comfortable and fast removal of underbody protections

Article No.	Article Description	QTY
5356 21	MOTOR WORKSHOP KIT	1

## Contents:

- 2x Art.-No. 5356 076, 1x Art.-No. 5356 079, 1x Art.-No. 5356 101, 1x Art.-No. 5356 207, 1x Art.-No. 5356 143, 1x Art.-No. 5356 129, 1x Art.-No. 5356 80, 1x Art.-No. 5356 206: spatula, 1x Art.-No. 5356 208, 1x Art.-No. 5356 157



# Cargo-Kit

- For special use with trucks, buses and rail vehicles

Article No.	Article Description	QTY
5356 22	CUTTING KIT CARGO	1

## Contents:

- 2x Art.-No. 5356 073, 1x Art.-No. 5356 081, 1x Art.-No. 5356 217, 1x Art.-No. 5356 072, 1x Art.-No. 5356 207, 1x Art.-No. 5356 209, 1x Art.-No. 5356 105, 1x pull rope, 1x Art.-No. 5356 212



# Knife blade straight

## Art.-No. 5356 073:

- Toothed

Technical Data			
Art.-No.	Cutting edge length in mm	Overall length mm	Illustration
5356 121	26	56	1
5356 073	35	56	2
5356 176	40	90	1
5356 194	35	145	1

Article No.	Article Description	QTY
5356 121	PK(2) BONDED SCREEN KNIVES 121	1
5356 073	PK(2) BONDED SCREEN KNIVES 073	1
5356 176	PK(2) BONDED SCREEN KNIVES 176	1
5356 194	PK(2) BONDED SCREEN KNIVES 194	1



# Knife blade straight, Z-bend

**Art.-No. 5356 097:**

- With fixed depth stop

**Art.-No. 5356 081:**

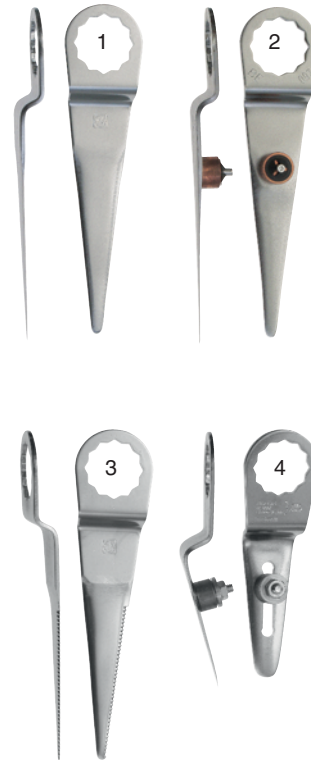
- Toothed

**Art.-No. 5356 143, 5356 170, 5356 169:**

- With adjustable depth stop

Technical Data			
Art.-No.	Cutting edge length in mm	Overall length mm	Illustration
5356 174	27	85	1
5356 123	32	110	1
5356 097	58	125	2
5356 171	70	120	1
5356 081	60	120	3
5356 216	60	120	1
5356 143	16 – 43	100	4
5356 170	18 – 39	100	4
5356 169	60 – 76	120	4

Article No.	Article Description	QTY
5356 174	PK(2) BONDED SCREEN KNIVES 174	1
5356 123	PK(2) BONDED SCREEN KNIVES 123	1
5356 097	PK(2) BONDED SCREEN KNIVES 097	1
5356 171	PK(2) BONDED SCREEN KNIVES 171	1
5356 081	PK(2) BONDED SCREEN KNIVES 081	1
5356 216	PK(2) BONDED SCREEN KNIVES 216	1
5356 143	PK(2) BONDED SCREEN KNIVES 143	1
5356 170	PK(2) BONDED SCREEN KNIVES 170	1
5356 169	PK(2) BONDED SCREEN KNIVES 169	1



# Knife blade straight, curved, Z bend

**Art.-No. 5356 160:**

- With fixed depth stop

Technical Data			
Art.-No.	Cutting edge length in mm	Overall length mm	Illustration
5356 168	45	120	1
5356 160	54	120	1
5356 125	70	120	2

Article No.	Article Description	QTY
5356 168	PK(2) BONDED SCREEN KNIVES 168	1
5356 160	PK(2) BONDED SCREEN KNIVES 160	1
5356 125	PK(2) BONDED SCREEN KNIVES 125	1



# Knife blade curved, Z-bend

Technical Data		
Art.-No.	Cutting edge length in mm	Overall length mm
5356 072	45	80

Article No.	Article Description	QTY
5356 072	PK(2) BONDED SCREEN KNIVES 072	1



# Knife blade U-shaped

Art.-No. 5356 095, 5356 108, 5356 087, 5356 118, 5356 115, 5356 076, 5356 163, 5356 147, 5356 079, 5356 110, 5356 101, 5356 155:

- Short handle

Art.-No. 5356 127, 5356 114, 5356 191, 5356 154, 5356 153, 5356 107:

- Long handle

Art.-No. 5356 156:

- With extended arm

Art.-No. 5356 157, 5356 111, 5356 211, 5356 212:

- Reinforced design

Article No.	Article Description	QTY
5356 095	PK(2) BONDED SCREEN KNIVES 095	1
5356 108	PK(2) BONDED SCREEN KNIVES 108	1
5356 087	PK(2) BONDED SCREEN KNIVES 087	1
5356 127	PK(2) BONDED SCREEN KNIVES 127	1
5356 118	PK(2) BONDED SCREEN KNIVES 118	1
5356 115	PK(2) BONDED SCREEN KNIVES 115	1
5356 076	PK(2) BONDED SCREEN KNIVES 076	1
5356 211	PK(2) BONDED SCREEN KNIVES 211	1
5356 163	PK(2) BONDED SCREEN KNIVES 163	1
5356 114	PK(2) BONDED SCREEN KNIVES 114	1
5356 147	PK(2) BONDED SCREEN KNIVES 147	1
5356 191	PK(2) BONDED SCREEN KNIVES 191	1
5356 079	PK(2) BONDED SCREEN KNIVES 079	1
5356 212	PK(2) BONDED SCREEN KNIVES 212	1
5356 110	PK(2) BONDED SCREEN KNIVES 110	1
5356 156	PK(2) BONDED SCREEN KNIVES 156	1
5356 154	PK(2) BONDED SCREEN KNIVES 154	1
5356 153	PK(2) BONDED SCREEN KNIVES 153	1
5356 101	PK(2) BONDED SCREEN KNIVES 101	1
5356 107	PK(2) BONDED SCREEN KNIVES 107	1
5356 157	PK(2) BONDED SCREEN KNIVES 157	1
5356 155	PK(2) BONDED SCREEN KNIVES 155	1
5356 111	PK(2) BONDED SCREEN KNIVES 111	1

## Technical Data

Cutting edge length	Illustration
16.0	1
16.0	1
18.0	1
18.0	2
19.5	1
22.0	1
24.0	1
25.5	4
28.0	1
32.0	2
32.0	1
32.0	2
36.0	1
38.0	4
40.0	1
40.0	3
45.0	2
52.0	2
60.0	1
60.0	2
60.0	4
70.0	1
95.0	4



# Knife blade straight, curved

## Technical Data

Art.-No.	Cutting edge length in mm	Overall length
5356 120	14	65
5356 103	35	75
5356 109	35	75

Article No.	Article Description	QTY
5356 120	PK(2) BONDED SCREEN KNIVES 120	1
5356 103	PK(2) BONDED SCREEN KNIVES 103	1
5356 109	PK(2) BONDED SCREEN KNIVES 109	1



# Scraping knife bucket-shaped

- With anti-scratch coating

## Technical Data

Art.-No.	Cutting edge length in mm	Overall length
5356 129	12	64
5356 146	18	65
5356 105	25	64

Article No.	Article Description	QTY
5356 129	PK(2) BONDED SCREEN KNIVES 129	1
5356 146	PK(2) BONDED SCREEN KNIVES 146	1
5356 105	PK(2) BONDED SCREEN KNIVES 105	1



# Scraping knife with chisel edge

**Art.-No. 5356 131:**

- With anti-scratch coating on front stop

## Technical Data

Art.-No.	Cutting edge width in mm
5356 144	13
5356 131	25

Article No.	Article Description	QTY
5356 144	PK(2)BONDED SCREEN KNIVES 144	1
5356 131	PK(2)BONDED SCREEN KNIVES 131	1



# Segment knife

- For vehicles with extra-wide adhesive beading, such as buses and special vehicles
- For V-cuts or cuts in corners

## Technical Data

Art.-No.	Cutting edge length in mm	Overall length mm
5356 132	30	73

Article No.	Article Description	QTY
5356 132	PK(2)BONDED SCREEN KNIVES 132	1



# Knives hook shape

- toothed

## Technical Data

Art.-No.	cutting length in mm
5356 217	38.0

Article No.	Article Description	QTY
5356 217	PK(2)BONDED SCREEN KNIVES 217	1



# Cutting knife form L

- toothed

## Technical Data

Art.-No.	Cutting length in mm
5356 208	19.0
5356 207	25.4
5356 209	38.0

Article No.	Article Description	QTY
5356 208	PK(2)BONDED SCREEN KNIVES 208	1
5356 207	PK(2)BONDED SCREEN KNIVES 207	1
5356 209	PK(2)BONDED SCREEN KNIVES 209	1





## Application list - Knives AGR 5356

Model	Wind-screen ID-Nr.	Pict.	Setting Di-mens.mm	Back Window ID-No.	Pict.	Setting Di-mens.mm	Windscr. Back Window ID-Nr.	Pict.	Setting Di-mens.mm	Side Window ID-Nr.	Pict.	Setting Di-mens.mm
<b>Alfa Romeo</b>												
Alfa Romeo 145/146 (7.94-)	170 147	3 4	35.0/19.0	170 169	3 3	20.5 76.0				076 168	4 2	
Alfa Romeo 147	207 211	8 4								143	3	
Alfa Romeo 155							147	4				
Alfa Romeo 156	207	8		207	8							
Alfa Romeo 159	207 212	8 4		207	8							
Alfa Romeo 164	073 081 111	1 2 4										
Alfa Romeo 166	207 157	8 4		207	8							
Alfa Romeo GT 2004-	207 212	8 4										
Alfa Romeo GTV	147	4		143 081	3 2	22.0/25.0 50.0						
Alfa Romeo GT 2003-	207	8										
<b>Audi</b>												
Audi A 2	207 076	8 4										
Audi A 3 / RS3 -2004	207 211	8 4								143	3	
Audi A3 2004-	207 212	8 4										
Audi A 4 / RS4	207 212	8 4										
Audi A 6 Allroad (98 -)	207 212	8 4										
Audi A 8	207 079	8 4					191	4				
Audi A 8 2003-	207 154	8 4										
Audi A4 Cabrio 2002-	207 212	8 4										
Audi TT	207 076	8 4										
Audi Q7	207 157	8 4										
Audi 80/90							114	4				
Audi 80 Avant	114	4		143	3	22.0				073	1	
Audi 80 Cabrio	154	4										
Audi 100/A6 (-12.90/-96)							079	4				
<b>BMW</b>												
BMW 1er (E87)	207 212	8 4										
BMW 3er Lim./Coupé (E 36)							079	4				
BMW 3er Compact (E 36)							079	4				
BMW 3er Touring (E 36)	079	4		076	4					143	3	16.0
BMW 3er (E 46)	079	4		076	4							
BMW 3er (E90)	207 212	8 4										
BMW 5er (E 39, E 34)							076	4				
BMW 5er Touring (E 39, E 34)				079	4		076	4		143	3	14.0/28.0
BMW 5er (E60)	207 157	8 4										
BMW 6er (E63)	207 157	8 4										

## Application list - Knives AGR 5356

Model	Wind-screen ID-Nr.	Pict.	Setting Di-mens.mm	Back Window ID-No.	Pict.	Setting Di-mens.mm	Windscr. Back Window ID-Nr.	Pict.	Setting Di-mens.mm	Side Window ID-Nr.	Pict.	Setting Di-mens.mm
BMW 7er (E 38,E 32)							076	4		143	3	16.0
BMW 7er (E65)	207 212	8 4										
BMW X 3	207 079	8 4		207 081	8 2					207	8	
BMW X 5 (E53)	079	4		076 079	4 4					143	3	
BMW Z 3 Roadster	076	4										
BMW Z 3 Coupe	076	4		076	4					143	3	35
BMW Z 4	207 212	8 4										
BMW Z 8 (E52)	207 157	8 4										
Chevrolet												
Chevrolet Matiz	207 212	8 4		081 143	2 3							
Chevrolet Kalos	207 212	8 4		125 143	2 3	20						
Chevrolet Lacetti	207 212	8 4		125 143	2 3							
Chevrolet Nubira Lim.	207 212	8 4		207	8							
Chevrolet Nubira Estate	207 212	8 4		081 143	2 3					208	8	
Chevrolet Evanda	207 212	8 4		207	8							
Chrysler												
Chrysler Jeep Cherokee	076	4					076	4		076	4	
Chrysler Jeep Commander	207 212	8 4								143	3	
Chrysler Crossfire	207 212	8 4										
Chrysler PT Cruiser	207 079	8 4										
Chrysler PT Cruiser Cabrio	207 212	8 4										
Chrysler Voyager	123	2					125	2				
Chrysler 300c	207 212	8 4										
Citroen												
Citroen AX	076 079	4 4										
Citroen Berlingo	207 079	8 4		207 143	8 3							
Citroen BX	076	4		143 073	3 1	19,0				076 side panelling	4	
Citroen BX Break				076 081	4 2							
Citroen CX	143 076	3 4	19.0							073 076	1 4	back back
Citroen Evasion	076 079	4 4		143 081	3 2	29,5				103 125	5 2	
Citroen Saxo	076	4		173	2		146	6a				
Citroen Xantia Picasso	207 154	8 4		143 081	3 2							
Citroen Xantia	207 154	8 4		125	2							

# Electric Heater

- High-quality design
- Quality Made in Germany
- VDE verified and thermally protected
- Closed stainless steel casing of the heating elements
- Casing made from galvanised sheet steel and stove-enamelled
- Ventilation function
- Installed thermostat for temperature regulation

## Supplied without connection cable:

- Art.-No. 5302 1 8 and Art.-No. 5302 1 18

## Application areas:

- Workshops, garden centres, retail spaces and showrooms, store rooms, construction sites, building containers



### Technical Data

Art.-No.:	5302 1 3	5302 1 8	5302 1 18
Type:	230 V 3 kW	380 V 8 kW	380 V 18 kW
Heat output:	3 kW	4/8 kW	12/18 kW
Air flow volume:	185 m³/h	420 m³/h	960 m³/h
Electrical connection:	230 V	400 V / 16 A	400 V / 32 A
Dimensions (L x W x H):	330 x 185 x 270 mm	530 x 285 x 395 mm	666 x 320 x 435 mm
Weight:	6.35 kg	16.5 kg	23.5 kg

Article No.	Article Description	QTY
5302 1 3	ELECTRIC HEATER 230V 3KW	1
5302 1 8	EL.HEATER 380V 16AMP 4/8KW	1
5302 1 18	EL.HEATER 380V 32AMP 12/18KW	1

# Gas Heater, Manual Ignition

- High-quality design
- Quality Made in Germany
- Higher grade of efficiency
- Corresponding to DIN 30697 and European standard CE
- Integrated pressure regulator
- Installed thermostat against overheating
- Monitoring of the burner with thermocouples
- Immediate stoppage of the gas supply upon extinguishing of the burner

### Technical Data

Art.-No.:	5302 30
Type:	32 kW
Heat output:	15,08 – 31,4 kW
Air flow volume:	1.100 m³/h
Electrical connection:	220 V
Consumption:	1,03 – 2,13 kg/h
Dimensions (L x W x H):	511 x 277 x 505 mm
Weight:	10 kg

Article No.	Article Description	QTY
5302 30	GAS HEATER 32KW	1



# Oil Heater

- High-quality design
- Quality Made in Germany
- Suitable for closed and poorly ventilated rooms
- Heats efficiently and sustainably
- With integrated tank ready for use immediately at various locations
- With connection for room thermostat Art.-No. 5302 1

## Technical Data

<b>Nominal heat input:</b>	58.6 kW
<b>Blower speed:</b>	2,500 m³/h
<b>Electrical connection:</b>	230 V / 3.0 A
<b>Weight:</b>	81 kg
<b>Dimensions (L x W x H):</b>	1,435 x 555 x 940 mm
<b>Fuel capacity:</b>	65 l
<b>Oil consumption:</b>	4.64 kg/h



Article No.	Article Description	QTY
5302 3 55	OIL HEATER 59KW	1

# Exhaust Pipe for Oil Heater

- Ø 150mm
- Length: 3m
- Material: Stainless steel

Article No.	Article Description	QTY
5302 3	EXH.PIPE FLEX. FOR OIL HEATER	1



# Room Thermostat with Cable & Plug

- With 10m cable and mounted plug
- Splash protection category IP54
- Adjustable temperature range 0 °C to +50 °C
- Suitable for all heating units, oil and gas heaters with electronic ignition

Article No.	Article Description	QTY
5302 1	ROOM THERMOSTAT	1



# Dehumidifier

- Ready for use immediately
- Noiseless operation
- Art.-No. 5303 40: with electrical additional heating for improving the capacity in cold weather
- In new constructions, renovation works and water damages to speed up the drying process
- Art.-No. 5303 60: external collection tank required

## Technical Data

<b>Art.-No.</b>	<b>5303 24</b>
<b>Air performance:</b>	230 m³/h
<b>Dhumidification performance:</b>	30 l/24h
<b>Electrical power input:</b>	0,52 kW
<b>Electrical connection:</b>	230 V / 50 Hz
<b>Operating humidity:</b>	30 – 80 % RF
<b>Operating temperature:</b>	5 – 35 °C
<b>Water collection container:</b>	6 l
<b>Dimensions (L x W x H):</b>	250 x 340 x 545 mm
<b>Weight:</b>	13,2 kg

Article No.	Article Description	QTY
5303 60	DEHUMIDIFIER TK 60	1





## Diamond Drilling Devices

## Core drilling device T2000-MS 13

- Drilling capability: Ø 32 – 162 mm
- Dry boring machine designed especially for core drill bits
- Optimal boring performance at Ø 82 mm
- Precise slipping clutch – activated at 15 Nm
- Professional aluminium motor housing
- Multifunctional electronics and soft start
- Collar: Ø 60 mm
- M18 to M16 adaptor for core drill bit incl. centring drill

**Technical Data**

<b>Voltage:</b>	230 volt
<b>Power consumption:</b>	2,000 watts
<b>Power capacity up to:</b>	2,800 watts
<b>Rated speed rpm:</b>	2,000
<b>Load rpm:</b>	1,350
<b>Spindle connection:</b>	M18 × 2.5
<b>Motor housing:</b>	Aluminium
<b>Protection type:</b>	Protection class 2, protective insulation Not approved for wet drilling
<b>Weight:</b>	Approx. 4.8 kg



Article No.	Article Description	QTY
5656 2000 13	CORE DRILL.DEVICE T2000MS-13	1

## Diamond drill bits for electrical installations ac

**Application notes:**

- Remove center drill after spot drilling
- Sharpen tool with abrasive material (e.g. drilling in sand stone or lime sand stone) if the drilling power is reduced
- Wear safety goggles and gloves when working with diamond drill bits for electrical installation
- Max. drilling progress and service life if achieved at 1,000 rpm

**Art.-No. 5647 1 1, Art.-No. 5647 1 2:**

- Including centre drill bit

Article No.	Article Description	QTY
5647 1	CENTER DRILL MOUNTING SHAFT	1
5647 1 1	MOUNTING SHAFT HEXAGONAL M16	1
5647 1 2	MOUNTING SHAFT SDS -M16	1
5647 18 16	ADAPTOR M18 TO M16 WITH DR.BIT	1



## Extraction for Core Drill Bit

- universally suitable for core drill bits with Ø 68 and 82 mm
- for core drill bits with banana slit
- For use with centring spring pin
- Extraction with industrial vacuum cleaners
- M16 sleeve and M16 pin

Article No.	Article Description	QTY
5647 16 16	EXTRACT.F.CO.DR.BIT TYPE: BS	1
5647 60	CENTRING POINT 60MM F.EXTRACT.	1



# Core boring motor T2200-ME-EL

4 applications in a system – freehand and stationary – wet and dry

- Connector thread 1 1/4"
- 2-gear oil bath gearbox
- Mechanical slipping clutch for gearbox protection
- Multifunctional electronics with soft start
- 100 % protection against overload damages
- Additional water set with Gardena brass connection
- With clamping collar receptacle Ø 60 mm
- Can be used in boring stands
- inner Ø mandrel 19 mm (for centring rod Art. No. 5656 9 19)

## Technical Data

<b>Voltage:</b>	230 Volt
<b>Power consumption:</b>	2,200 Watt
<b>Power capacity up to:</b>	2,800 Watt
<b>Rated speed:</b>	1st gear 790 rpm 2nd gear 1,440 rpm
<b>Load speed:</b>	1st gear 560 rpm 2nd gear 1,030 rpm
<b>Drilling capability:</b>	Concrete Ø 32 – 182 mm Abrasive Ø 32 – 250 mm
<b>Collar:</b>	60 mm
<b>Weight:</b>	6.5 kg



## Material supplied:

- Additional handle
- PRCD 10 mA
- Water connector with ball valve brass Gardena
- Brass connector for vacuum

Article No.	Article Description	QTY
5656 2200 1	CORE BOR.MOTOR T2200-ME-EL	1

# Core drilling motor Talpa T1 / T1-MAN EL 41

- 3 speed ranges
- Double connection thread 1 1/4" and 1/2"
- Multifunction electronics with soft start and 100 % protection against overload damage
- Can be used in drill stand
- Light-weight drill motor ideal for use on electrical and plumbing jobs
- Precise slip clutch
- Including transport case
- Drilling range 30 mm to 250 mm
- Multi function electronic, no motor overload possible

## Technical Data

<b>Voltage:</b>	230 Volt
<b>Power consumption:</b>	2,000 Watt
<b>Power capacity up to:</b>	2,800 Watt
<b>Idle running speed:</b>	1st gear: 1,000 rpm 2nd gear: 1,700 rpm 3rd gear: 2,350 rpm
<b>Load speed:</b>	1st gear: 485 – 530 rpm 2nd gear: 1,170 – 1,280 rpm 3rd gear: 1,625 – 1,780 rpm
<b>Drilling power:</b>	Concrete: 30 – 162 mm Abrasive: up to 250 mm
<b>Weight:</b>	7.3 kg



Article No.	Article Description	QTY
5656 1 1	TALPA COR.DR.MOT.T1-N-MAN EL41	1

## Scope of delivery:

- Additional handle
- PRCD 10 mA
- Gardena water connection with ball valve and brass 1/2" Gardena



Double connection thread 1/2" and 1 1/4"

# Electric Heater

- High-quality design
- Quality Made in Germany
- VDE verified and thermally protected
- Closed stainless steel casing of the heating elements
- Casing made from galvanised sheet steel and stove-enamelled
- Ventilation function
- Installed thermostat for temperature regulation

## Supplied without connection cable:

- Art.-No. 5302 1 8, Art.-No. 5302 1 12 and Art.-No. 5302 1 18

## Application areas:

- Workshops, garden centres, retail spaces and showrooms, store rooms, construction sites, building containers



### Technical Data

Art.-No.:	5302 1 3	5302 1 8	5302 1 18
Type:	230 V 3 kW	380 V 8 kW	380 V 18 kW
Heat output:	3 kW	4/8 kW	12/18 kW
Air flow volume:	185 m³/h	420 m³/h	960 m³/h
Electrical connection:	230 V	400 V / 16 A	400 V / 32 A
Dimensions (L x W x H):	330 x 185 x 270 mm	530 x 285 x 395 mm	666 x 320 x 435 mm
Weight:	6.35 kg	16.5 kg	23.5 kg

Article No.	Article Description	QTY
5302 1 3	ELECTRIC HEATER 230V 3KW	1
5302 1 8	EL.HEATER 380V 16AMP 4/8KW	1
5302 1 18	EL.HEATER 380V 32AMP 12/18KW	1

# Gas Heater, Manual Ignition

- High-quality design
- Quality Made in Germany
- Higher grade of efficiency
- Corresponding to DIN 30697 and European standard CE
- Integrated pressure regulator
- Installed thermostat against overheating
- Monitoring of the burner with thermocouples
- Immediate stoppage of the gas supply upon extinguishing of the burner



### Technical Data

Art.-No.:	5302 30	5302 43
Type:	32 kW	45 kW
Heat output:	15.08 – 31.4 kW	22.76 – 46.73 kW
Air flow volume:	1,100 m³/h	1,250 m³/h
Electrical connection:	220 V	220 V
Consumption:	1.03 – 2.13 kg/h	1.54 – 3.15 kg/h
Dimensions (L x W x H):	511 x 277 x 505 mm	511 x 277 x 575 mm
Weight:	10 kg	12 kg

Article No.	Article Description	QTY
5302 30	GAS HEATER 32KW	1
5302 43	GAS HEATER 45KW	1

# Gas Heater, Electr.Ignition, Stainl. Steel Casing

- High-quality design
- Quality Made in Germany
- Higher grade of efficiency
- Electronic ignition
- Stainless steel casing
- Corresponds to DIN 30697 and European standard CE
- Integrated pressure regulator
- Installed thermostat against overheating
- Monitoring of the burner with thermocouples
- Immediate stoppage of the gas supply upon extinguishing of the burner



## Technical Data

<b>Art.-No.:</b>	5302 30 1	5302 43 1	5302 60 1
<b>Type:</b>	30 kW	43 kW	60 kW
<b>Heat output:</b>	12.4 - 31.2 kW	26.6 - 43.5 kW	34.9 - 58.4 kW
<b>Air flow volume:</b>	750 m <sup>3</sup> /h	850 m <sup>3</sup> /h	1,800 m <sup>3</sup> /h
<b>electrical connection:</b>	220 V	220 V	220 V
<b>Consumption:</b>	0.98 - 2.46 kg/h	2.1 - 3.43 kg/h	2.75 - 4.61 kg/h
<b>Dimensions (L x W x H):</b>	530 x 280 x 400 mm	690 x 280 x 400 mm	780 x 370 x 520 mm
<b>Weight:</b>	11.5 kg	13 kg	20 kg

Article No.	Article Description	QTY
5302 30 1	GAS HEAT.32KW E.IGN.STAINL.ST.	1
5302 43 1	GAS HEAT.45KW E.IGN.STAINL.ST.	1
5302 60 1	GAS HEAT.65KW E.IGN.STAINL.ST.	1

# Core drilling motor Talpa T1-200 EL - 41

- 3-gear
- Connector thread 1 1/4"
- Optimal width across corners - flush against the wall from Ø 60 mm
- Multifunctional electronics with soft start and 100% protection against overload
- Rapid Lock quick change plate for easy drill stand mounting **optional**
- With
- Ideal boring motor for construction, plumbing, electronics, AC, heating, steelwork
- With thermal overload switch and warning light
- Precise slipping clutch

## Technical Data

<b>Voltage:</b>	230 Volt
<b>Power consumption:</b>	2,200 Watt
<b>Power capacity up to:</b>	2,800 Watt
<b>Idle running speed:</b>	1st stage: 540 RPM 2nd stage: 1,300 RPM 3rd stage: 1,800 RPM
<b>Load speed:</b>	1st stage: 385 RPM 2nd stage: 920 RPM 3rd stage: 1,280 RPM
<b>Drilling power:</b>	Concrete: 30 – 200 mm Abrasive: up to 250 mm
<b>Feather key:</b>	9.5 mm
<b>Weight:</b>	7.3 kg



Article No.	Article Description	QTY
5656 1 200	TALPA COR.DR.MOT.T1-200 EL-41	1

## Scope of delivery:

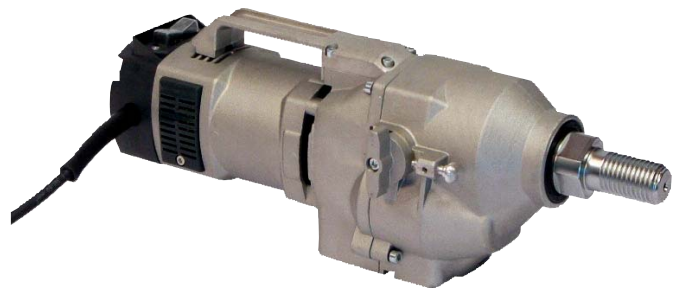
- Water connection with ball valve and brass Gardena

# Core boring motor T6-300 EL

- 3-gear
- Connector thread 1 1/4"
- Multifunctional electronics with soft start and 100% protection against overload damage
- **With optional** Rapid Lock quick change plate for easy drill stand mounting **FB3 + FB4**
- Precise slipping clutch

## Technical Data

<b>Voltage:</b>	230 V
<b>Power consumption:</b>	3,000 watts
<b>Power capacity up to:</b>	3,900 watts
<b>Rated speed</b>	1st. gear: 330 rpm 2nd gear: 750 rpm 3rd gear: 1390 rpm
<b>Load speed</b>	1st. gear: 220 rpm 2nd gear: 500 rpm 3rd gear: 935 rpm
<b>Drilling capability:</b>	Concrete: 30–350 mm Abrasive: 30–350 mm
<b>Feather key:</b>	9.5 mm
<b>Weight:</b>	11.9 kg



Article No.	Article Description	QTY
5656 6	CORE BORING MOTOR T6-300 EL	1

## Delivery includes:

- PRCD 10 mA
- Water connection with ball cock and 1/2" brass Gardena



## Diamond Core Tooling

# Drill Stand Combo FB 1.1

- Compact, combo drill stand up to Ø 180 mm
- Suitable for all Cardi motors up to 2.5 kW
- 4-edged aluminium pillar profile, 50 x 50 mm
- Absolutely durable and warp resistant
- Good handling, ergonomic construction
- Drill stroke: 607 mm
- 2-armed feed lever, insertable on both sides
- Additions: Scale, 2 water levels, 1 centring device
- Weight: 9.2 kg

**Advantages**

- Flexible combo drill stand covers the full boring spectrum up to 180 mm
- Easy to use - low weight means easy assembly

Article No.	Article Description	QTY
5656 5 180	DRILL STAND COMBO FB 1.1	1



# Core Boring Stand Combo FB 3

- Pivoting boring stands
- Suitable for all Cardi motors as well as all core boring machines with a collar Ø 60 mm
- Pivots continuously up to 45°
- Boring motor assembly through quick change system RAPID LOCK
- Screw anchor base plate enables fastening with hammer-set anchors
- Optional vacuum plate available
- Weight: 11.6 kg
- Max. drill bit length: 500 mm

**Advantages:**

- Flexible combo drill stand covers the full boring spectrum up to 220 mm
- 60 mm collar collet included in delivery

Article No.	Article Description	QTY
5656 5 200	CORE BORING STAND COMBO FB 3	1



# Oil Heater

- High-quality design
- Quality Made in Germany
- Suitable for closed and poorly ventilated rooms
- Heats efficiently and sustainably
- With integrated tank ready for use immediately at various locations
- With connection for room thermostat Art.-No. 5302 1

## Technical Data

<b>Nominal heat input:</b>	58.6 kW
<b>Blower speed:</b>	2,500 m³/h
<b>Electrical connection:</b>	230 V / 3.0 A
<b>Weight:</b>	81 kg
<b>Dimensions (L x W x H):</b>	1,435 x 555 x 940 mm
<b>Fuel capacity:</b>	65 l
<b>Oil consumption:</b>	4.64 kg/h



Article No.	Article Description	QTY
5302 3 55	OIL HEATER 59KW	1

# Exhaust Pipe for Oil Heater

- Ø 150mm
- Length: 3m
- Material: Stainless steel

Article No.	Article Description	QTY
5302 3	EXH. PIPE FLEX. FOR OIL HEATER	1



# Room Thermostat with Cable & Plug

- With 10m cable and mounted plug
- Splash protection category IP54
- Adjustable temperature range 0 °C to +50 °C
- Suitable for all heating units, oil and gas heaters with electronic ignition

Article No.	Article Description	QTY
5302 1	ROOM THERMOSTAT	1



# Dehumidifier

- Ready for use immediately
- Noiseless operation
- Art.-No. 5303 40: with electrical additional heating for improving the capacity in cold weather
- In new constructions, renovation works and water damages to speed up the drying process
- Art.-No. 5303 60: external collection tank required



5303 24



5303 30

5303 40

5303 60

## Technical Data

<b>Art.-No.</b>	<b>5303 24</b>	<b>5303 60</b>
<b>Air performance:</b>	230 m <sup>3</sup> /h	1.000 m <sup>3</sup> /h
<b>Dhumidification performance:</b>	30 l/24h	60 l/24h
<b>Electrical power input:</b>	0,52 kW	1,07 kW
<b>Electrical connection:</b>	230 V/50 Hz	230 V/50 Hz
<b>Operating humidity:</b>	30 – 80 % RF	30 – 90 % RF
<b>Operating temperature:</b>	5 – 35 °C	5 – 32 °C
<b>Water collection container:</b>	6 l	10 l
<b>Dimensions (L x W x H):</b>	250 x 340 x 545 mm	560 x 530 x 1.000 mm
<b>Weight:</b>	13,2 kg	40 kg

Article No.	Article Description	QTY
5303 24	DEHUMIDIFIER T 24	1
5303 60	DEHUMIDIFIER TK 60	1

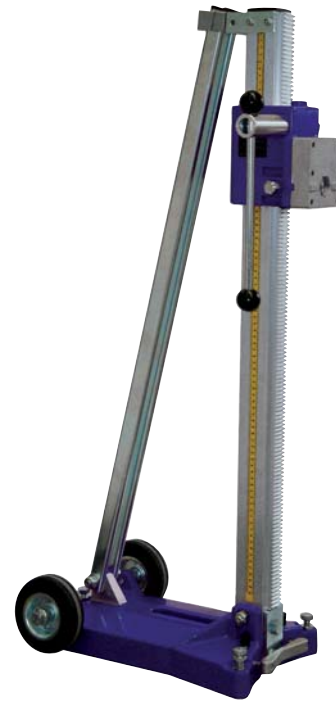
# Core Boring Stand Combo FB 4

- Pivoting boring stands up to Ø 250 mm
- Suitable for all Cardi motors up to 3.5 kW as well as all core boring machines
- Feed roller for easy feed with collar Ø 60 mm (available as an option)
- Pivots continuously up to 45°
- Boring motor mounting using quick change system
- Screw anchor base plate enables fastening with hammer-set anchors
- Optional vacuum plate available
- Weight: 16.3 kg
- Max. drill bit length: 600 mm

## Advantages:

- Flexible combo drill stand covers the full boring spectrum up to 250 mm
- Quick change plate RAPID LOCK included in delivery
- Optional 60 mm collar collet available for freehand boring motors

Article No.	Article Description	QTY
5656 5 250	CORE BORING STAND COMBO FB 4	1



# Core drilling system FBS 3-200

## Complete core drilling system with quick connection system

- Drilling range in concrete: Ø 35–182 mm
- Drilling range in masonry: Ø 32–250 mm

## With core drilling motor T 2200 ME-24:

- 230 V, 2,200 W, 2-gear oil bath gearbox, 1,440/1,030 rpm
- Multifunctional electronics with soft start and 100 % protection against overload damage
- Mechanical slipping clutch to protect the gears against seizing
- Double spindle for 1 1/4" drill-bit connections
- 10 mA P.R.C.D. protective switch
- Weight 6.5 kg
- Water attachment set with Gardena brass connection
- 36-month warranty

## With drill stand combo FB 3

- Pivots continuously up to 45°
- Integrated Rapid Lock quick mounting system
- Compact aluminium construction
- Weight: 11.6 kg
- For all drill bits up to a usable length of 500 mm
- Integrated drill bit centring with midpoint display
- Integrated spirit level for optimum positioning

Article No.	Article Description	QTY
5656 2 2200	CORE DRILLING SYST.FBS 3-200	1



## Core drilling system compact FBS 3-200

**Full core boring system with quick connection system boring area in concrete Ø from 35 mm to 200 mm**

**With core boring motor T1 200-EL-41:**

- 230 V, 2,200 W, 3-gear oil bath gearbox, rpm 385 / 920 / 1280
- Multifunctional electronics with soft start and 100% protection against overload damage
- Mechanical slipping clutch to protect the gears against seizing
- Double spindle for drill bit connections 1 1/4", and R 1/2"
- 10 mA P.R.C.D. protective switch
- Weight: 7.3 kg
- Additional water set with Gardena brass connection
- With Rapid Lock quick change plate for easy drill stand mounting
- 36-month warranty

**With drill stand combo FB 3:**

- Pivots continuously up to 45°
- Integrated Rapid Lock quick mounting system
- Compact aluminium construction
- Weight: 10.9 kg
- For all drill bits up to a usable length of 500 mm
- Integrated drill bit centring with midpoint display
- Integrated water level for optimal positioning
- Includes easy-release ring

Article No.	Article Description	QTY
5656 2 3200	CORE DRILL.SYST.FBS 3-200	1

(delivered without drill bit)



## Core boring system FBS T6 4-300

**Full core boring system with quick connection system boring area in concrete Ø from 40 mm to 310 mm**

**With T6-300 EL core boring motor:**

- 230 V, 3,000 W, 3-gear oil bath gearbox, 220/500/935 rpm
- Multifunctional electronics with soft start and 100% protection against overload damage
- Mechanical slipping clutch to protect the gears against seizing
- Double spindle for drill-bit connections 1 1/4" UNC
- 10 mA P.R.C.D. protective switch
- Weight: 11.9 kg
- Water attachment set with Gardena brass connection
- 36-month warranty

**With FB4 combination drill stand:**

- Pivots continuously up to 45°
- Integrated Rapid-Lock quick mounting system
- With Rapid Lock quick change plate for easy drill stand mounting
- Two spirit levels
- Compact aluminium construction
- Weight: 16.3 kg
- For all drill bits up to a usable length of 700 mm
- Integrated wheel set for easy transport

Article No.	Article Description	QTY
5656 2 4300 1	CORE BORING SYSTEM T6-4-300	1

(delivered without drill bit)





## Vacuum foot for core drilling rig FB1

- For safe vacuum fixture

Article No.	Article Description	QTY
5656 9 300	VACUUM FOOT F.CORE DRILL.FB1	1



## Vacuum pump for vacuum base

- Pressure tank: 10 litres
- Power: 0.12 kW
- Suction capacity: 4 m<sup>3</sup>/h
- Mains voltage: 230 V

Article No.	Article Description	QTY
5656 9 230	VACUUM PUMP 230V F.VAC.BASE	1



## Groove and corner drill.atta.f.core drill.motor

- To avoid slant holes for ceiling ducts
- Connection: 1 1/4" to 1/2" (core bit)
- Up to approx. 80 mm Ø
- Only for core drill motors with collar (T1 and T2)

Article No.	Article Description	QTY
5656 9 410	GROOVE+CORN.DR.ATTACHM.1 1/4"	1



# Water Collection Ring for Stand FB3 / FB4

- For extraction of the boring water
- Foam rubber on the underside to fit snugly against the substrate
- Extraction with wet/dry vacuum
- Attached by screwing tightly onto the boring stand
- Anchoring and alignment through four screws

Article No.	Article Description	QTY
5656 6 150	WATER COLLECT.150MM F.FB3/FB4	1
5656 6 150 1	REPL.RUBBER F.WATER COLL.150MM	1
5656 6 250	WATER COLLECT.250MM F.FB3/FB4	1
5656 6 250 1	REPL.RUBBER F.WATER COLL.250MM	1



## Collar Collet

### RAPID LOCK System

- For fastening freehand core boring motors to the boring stands FB 3 and FB 4

Article No.	Article Description	QTY
5656 5 4	COLL.COLLET RAP.LOCK F.FB3/FB4	1



## Mounting Plate 4-Hole

### RAPID LOCK System

- For fastening stationary core boring motors to the boring stands FB 3 and FB 4

Article No.	Article Description	QTY
5656 5 3	MOUNT.PLATE RAP.LOCK F.FB3/FB4	1



## Balustrade fixing for core drilling rig

- Serviceable fixture for drilling rig on walls, balconies, balustrades
- Fixture without dowels on walls of a widths of up to 400 mm

Article No.	Article Description	QTY
5656 9 400	BALUSTRADE FIX.CORE DRILL.RIG	1



## Water pressure tank for core drilling system

- For independent water supply of the core drill motor
- Polyester-coated steel container

### Technical Data

Fill content:	10.0 l
Total content:	13.0 l
Operating pressure:	6 bar

Article No.	Article Description	QTY
5656 9 8	WATER PRESSURE TANK 10L+HOSE	1



## Clamping spindle set for core boring stands

- For fastening core boring stands into concrete
- Drill-Ø anchor masonry: 20 mm
- Drill-Ø anchor concrete: 15 mm (drop-in anchor: Art.-No. 8209 2 12)

Article No.	Article Description	QTY
5656 9 21	CLAMP.SPIN.KIT'CONCRETE'COMPL.	1
5656 9 22	CLAMP.SPINDLE+NUT FOR CONCRETE	1
5656 9 23	ANCHOR MASONRY M12 CO.DR.STAND e 25	



# Centring Rod for Boring

- For drill bits with a usable length of 200 mm to 450 mm
- Connection: 1/2" thread or 19 mm connector

Article No.	Article Description	QTY
5656 9 1 2	CENTRING ROD CONNECTION 1/2"	1
5656 9 19	CENTRING ROD CONNECTION 19MM	1



## Dry Boring Accessories

- For wet core boring motors
- Connection to suction rotor 1 1/4" to 1 1/4" with bore 19 mm for centring rod connection 19 mm Art.-No. 5656 9 19

Article No.	Article Description	QTY
5656 4 2005	ROTOR WITH 1 1/4" CONNECTION	1



## Accessories for Diamond Core Drills

## Drilling bit extension 1 1/4" UNC

- For easy extension of the diamond drilling bits in case of difficult drilling tasks

Article No.	Article Description	QTY
5656 8 1 100	DRILL.BIT EXTENS.1 1/4" 100MM	1
5656 8 1 200	DRILL.BIT EXTENS.1 1/4" 200MM	1
5656 8 1 300	DRILL.BIT EXTENS.1 1/4" 300MM	1



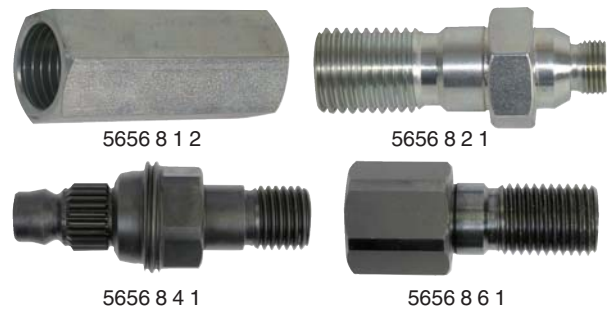
## Drilling bit extension 1/2" R

Article No.	Article Description	QTY
5656 8 2 100	DRILL.BIT EXTENS. 1/2" 100MM	1
5656 8 2 200	DRILL.BIT EXTENS. 1/2" 200MM	1
5656 8 2 300	DRILL.BIT EXTENS. 1/2" 300MM	1

## Adaptor for core drilling system

- Art.-No. 5656 8 4 1: for Hilti DD160 - DD250 and DD400 - DD 750
- Art.-No. 5656 8 5 1: for Hilti DD100 - DD 130
- Art.-No. 5656 8 6 1: for Würth

Article No.	Article Description	QTY
5656 8 1 2	ADAPTOR 1 1/4" ON 1/2"	1
5656 8 2 1	ADAPTOR 1/2" ON 1 1/4"	1
5656 8 4 1	ADAPTOR H-BU ON 1 1/4"	1
5656 8 5 1	ADAPTOR H-BI ON 1 1/4"	1
5656 8 6 1	ADAPTOR W ON 1 1/4"	1



## Spot drilling aids

- For free hand drilling machines e.g. Talpa 1800-102, Talpa 1850, Talpa T1-MAN
- Up to max. 120 mm Ø bzw. 200 mm Ø

Article No.	Article Description	QTY
5656 8 120	SPOT DR.AID F.DRILL BIT 120MM	1
5656 8 200	SPOT DR.AID F.DRILL BIT 200MM	1








## Sharpening stones f. diamond cut. discs/drill bits

Article No.	Article Description	QTY
5656 8 160	SHARPENING PLATE 160X30X320MM	1
5656 8 320	SHARPENING PLATE 320X55X320MM	1






## Instructions for core drill press

Drill motor type		Dry drilling with suitable extraction system, for masonry, brick, sand-lime brick, Poroton		Wet drilling For concrete, reinforced concrete, masonry, brick, sand-lime brick, Poroton, natural stone	
Description	Power	Manually guided	Drill-stand-guided	Manually guided	Drill-stand-guided
<b>Freehand motors</b>					
<b>T 2000-MS 13</b> 	2.000 W	Ø 32 – 162 mm			
<b>T 2200 ME-EL</b> 	2.200 W	Ø 32 – 250 mm		Ø 32 – 80 mm	Ø 32 – 182 mm
<b>T1 MU 2000-EL 41</b> 	2.200 W	Ø 30 – 250 mm		Ø 30 – 80 mm	Ø 30 – 162 mm
<b>Base drill</b>					
<b>T1 200 EL 41</b> 	2.200 W		Ø 35 – 250 mm		Ø 35 – 200 mm
<b>T6 300 EL</b> 	3.000 W		Ø 80 – 350 mm		Ø 80 – 350 mm

 With multifunctional electronics

## Application tips for core drill presses

- Select the appropriate core drill press (make sure it has sufficient power and circumferential speed).
  - Core drill motors with multifunctional electronics  come with a warranty lasting 36 months.
  - Freehand motors are limited to a maximum force value by legally specified safety standards (regardless of whether manually guided or drill-stand-guided). Stand-guided drill presses are not subject to these regulations, so the full available force can be utilised.
- In general, core drilling with drill stands is preferable. From Ø 80 mm, always work with drill stands in order to achieve the required contact pressure needed to drill.
- Drill stands must be mounted securely. Adjust the mounting method according to the substrate, use the right anchors and adjustable screws to secure the drill stands.
- Set the drill motor's gear in accordance with the rating plate of the core motor.
- Check the water feed and select the quantity in such a way that drilling fluid will not congeal. Drilling fluid should always be thin/milky.
- When drilling, always use a low feed speed and low contact pressure. Also use the drill centring aids on the drill stands (use drill initiation aids or centring rods for freehand drilling).
- Reduce the speed and possibly increase the amount of coolant when drilling iron.
- Once you have finished drilling the hole, never pull the drill bit out of the hole while the motor is running as this could cause serious accidents.
- If the drill core remains stuck in the drill bit, never hit the drill bit tube with a hammer or other hard objects, since this could deform it. This will cause the drill bit to have axial runout, causing it be unusable unless it is repaired.
- All stand-guided drill motors must always be fastened to the drill stand using at least 4 screws and one parallel key.

## Diamond Tooling

# Motor Cutter K760

- High-quality professional device
- Anti-vibration system in the handles for more comfortable operation
- Wet cutting system for less dust emission
- Fully closed V-belt protection reduces slippage and wear risks
- New digital ignition system for easy startup independent of working conditions
- Rotating cutting arm
- Lightweight
- **Cutting disc not included in delivery!**



## Technical Data

<b>Motor:</b>	Air-cooled two-stroke engine
<b>Displacement:</b>	73.5 ccm
<b>Power:</b>	3.7 kW
<b>Tank volume:</b>	0.9 l
<b>No-load speed:</b>	2,700 rpm
<b>Vibrations front handle:</b>	2.4 / 2.4 m/s <sup>2</sup>
<b>Vibrations back handle:</b>	2.4 / 2.4 m/s <sup>2</sup>
<b>Sound intensity level for the operator's ear:</b>	101 dB(A)
<b>Guaranteed sound intensity level, LWA:</b>	115 dB(A)
<b>Cutting disc diameter:</b>	300/350 mm
<b>Collet:</b>	Ø 20/25.4 mm
<b>Cut depth max.:</b>	100/125 mm
<b>Weight:</b>	9.6 kg
<b>Fuel tank:</b>	0.9 l

Article No.	Article Description	QTY
5319 760	MOTOR CUTTER K760	1