


REMS



Innovative
manufacturer of
machines and tools
for pipe working

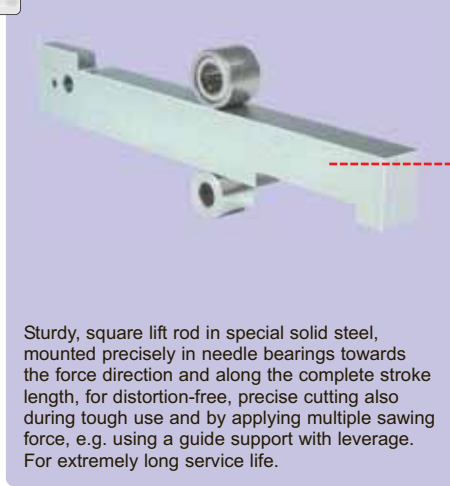
2007

Sawing



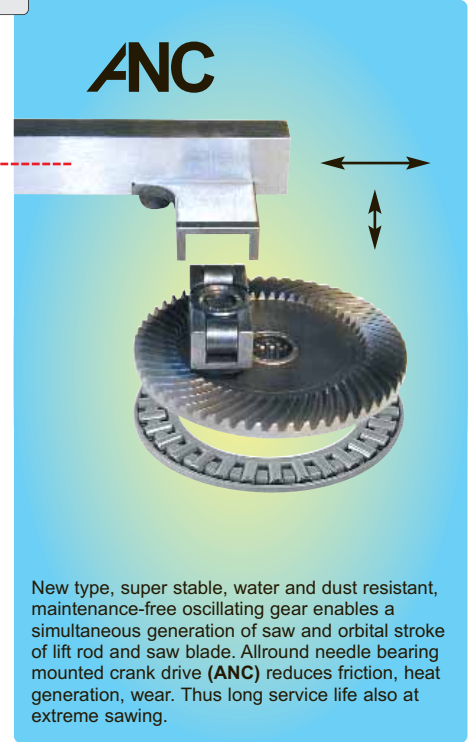
Aggressive orbital action by vertical hacking motion of saw blade provides forceful, fast forward feed, excellent chip flow and long service life of saw blades.

Fixed orbital action, running in needle bearings, ensures long-lasting and forceful sawing also during extreme load conditions, e.g. sawing of steel pipe. Adjustable mechanisms with a great variety of parts and a reduced system stability do not withstand the high in-feed pressure and the heavy-duty requirements of forceful cutting of steel pipes, particularly when a guide support with leverage is being used.

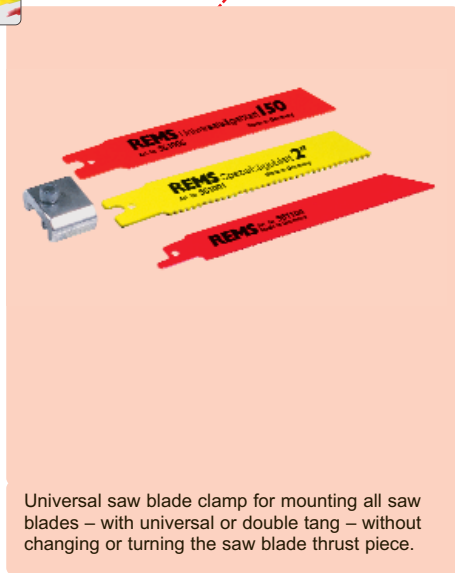
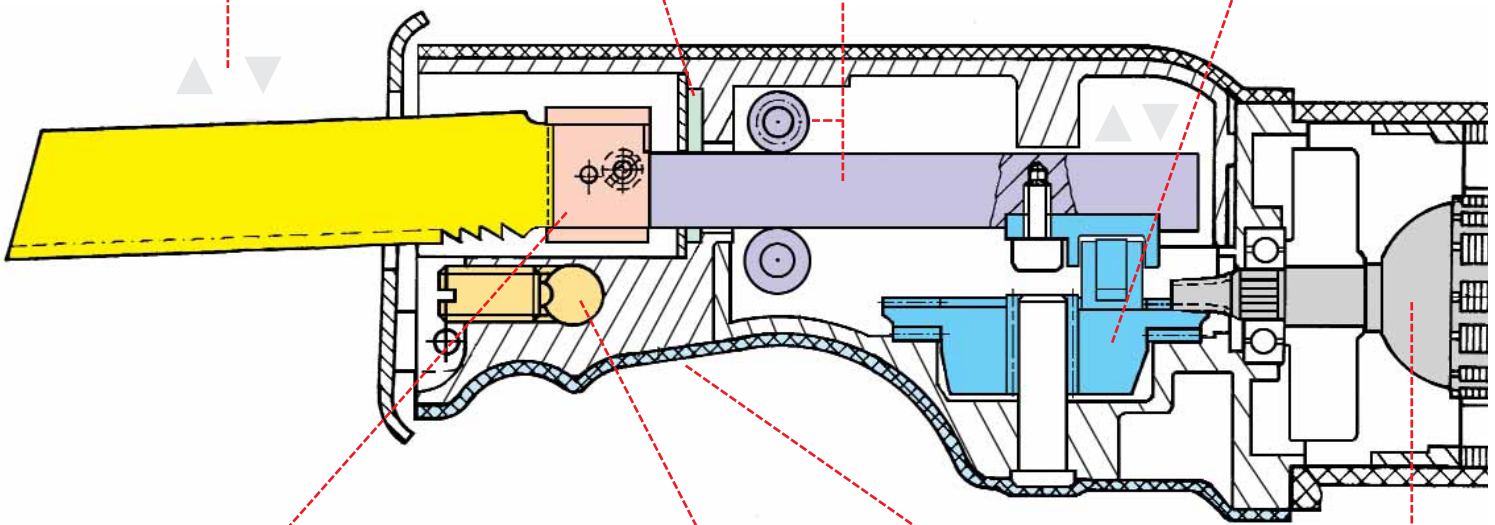


Sturdy, square lift rod in special solid steel, mounted precisely in needle bearings towards the force direction and along the complete stroke length, for distortion-free, precise cutting also during tough use and by applying multiple sawing force, e.g. using a guide support with leverage. For extremely long service life.

Special high sliding silicone gasket protects gear against water and dust.



New type, super stable, water and dust resistant, maintenance-free oscillating gear enables a simultaneous generation of saw and orbital stroke of lift rod and saw blade. Allround needle bearing mounted crank drive (ANC) reduces friction, heat generation, wear. Thus long service life also at extreme sawing.



Universal saw blade clamp for mounting all saw blades – with universal or double tang – without changing or turning the saw blade thrust piece.



Unique guide support for 400 % additional sawing force for fast, effortless sawing. Also for effortless demolition work.



Drive motors
230 V, 110 V,
48 V, 18 V, 6 bar

Ergonomically shaped front housing grip with slip resistant protection cover, for forceful feed forward while sawing free-hand.

VE

Vario-Electronic

Electronic stepless speed control of drive unit for sensitive start-sawing and for stroke selection during sawing according to the material. The speed is controlled by pressing the tip switch steplessly from 0 to 2200 rpm (REMS Akku-Cat from 0 to 1700 rpm) (acceleration switch).

n ideal

Ideal speed

Deliberately fixed speed. Therefore optimum cutting speed for maximum protection of motor and gear and maximum service life of saw blades.

The ideal cutting speed of 2200 rpm has been determined by extensive sawing tests with steel pipe which lead to optimum performance in combination with the aggressive, fixed orbital action, guide support and REMS special saw blade.



Power-transferring guide support

For assembly and dismantling. Unique guide support with 5-fold leverage enables effortless, fast and right angle sawing anywhere at site, without vice. Ideal handling, easy and rapid to operate, positioned with one hand only for chucking and sawing. No loose swinging chain and cumbersome handling as with chain vice. No danger of jamming by limitation of swing angle. 400% additional sawing force for effortless, super fast sawing during assembly and dismantling, e.g. 2" steel pipe in only 8 s. Straight machine handle for optimum forward feed.

SR

Speed Regulation

Stepless electronic speed control of drive unit for selecting the speed according to the material. Ideal for sawing stainless steel pipe, cast pipe and for sawing boilers, tanks, bath tubs etc. The number of strokes is steplessly adjustable on the dial with 6 locking positions from 700 to 2200 rpm. The electronic speed control which is being used keeps the selected speed constant, also under load, including speed generator, control electronics, residual current limitation for sensitive start-sawing, motor temperature control of field wires by PTC resistance (Positive Temperature Coefficient) and stall protection of gear and motor.

kg

Weight

High sawing efficiency at low weight by innovative, proven technology and perfect tuning of all components. For effortless, fatigue-free sawing and easy handling.

W

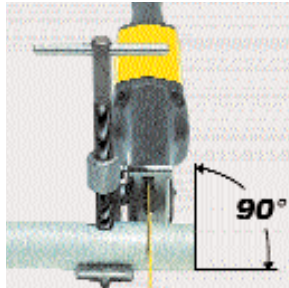
Power

All power data stated to be understood as the rated power input. The drive motors of REMS reciprocating saws have a very high efficiency of approx. 65% thanks to an outstanding technology and quality. Therefore the user has a high power output available which is useful particularly for sawing difficult-to-cut materials, e.g. steel pipe. High power output can only be used fully by levered sawing, e.g. with the REMS guide support.

V/bar

Drive Motors

Depending on model universal motors of voltages of 230 V, 110 V, 48 V, battery motors 18 V or pneumatic motors for 6 bar operating pressures are used. All drive motors are extremely powerful, fulfill highest quality demands and come with large power reserves, for long service life.



REMS Panther ANC VE

Universal electric reciprocating saw

Powerful, super-handy electric tool for universal free-hand sawing. Only 2.4 kg. Ideal for assembly, dismantling, repair.

Steel pipes and others $\varnothing \leq 6"$, 160 mm

Other metal profiles, nail-embedded wood, pallets ≤ 250 mm

Plunge-in sawing for plastic pipes $\varnothing \leq 1600$ mm

REMS saw blades, for other makes also, see page 62–63.

REMS Panther ANC VE – super small, super light, super handy. Only 2.4 kg. Only 32 cm long.

Universal use

Ready for use anywhere, free-hand, overhead, in confined areas, flush to wall. Extremely versatile and efficient, particularly for metal. Saws metal pipes, boilers, tanks, bath tubs, window frames, etc., for rescue and disaster service operations.

Execution

Robust, job site-proven. Super small, handy design. Only 32 cm long. Super light, only 2.4 kg. Ergonomically shaped front housing grip with slip resistant, heat insulating protection cover with soft grip, for forceful feed forward. Ergonomically shaped, proven pistol grip. Flexible supporting shoe for secure guidance of saw. High sliding silicone gasket protects gear against water and dust. Powerful universal motor with ample reserve capacity, 500 W. Safety tip switch.

Sturdy, square lift rod

In special solid steel, mounted precisely in needle bearings towards the force direction and along the complete stroke length, for distortion-free, precise cutting also during tough use. For extremely long service life.

Oscillating drive with ANC

New type, super stable, water and dust resistant, maintenance-free oscillating drive for simultaneous generation of sawing stroke and orbital action of lift rod and saw blade. Allround needle bearing mounted crank drive (ANC) reduces friction, heat generation, wear. For long service life of drive also at extreme sawing.

Vario-Electronic

Electronic stepless speed control of drive unit for sensitive start sawing and for speed selection during sawing. The speed is controlled by pressing the tip switch steplessly from 0 to 2200 rpm (acceleration switch).

Aggressive orbital action

Aggressive orbital action by vertical hacking motion of saw blade provides forceful, fast forward feed, excellent chip flow and long service life of saw blades. Fixed orbital action, running in needle bearings, ensures long-lasting and forceful sawing also during extreme load conditions, e.g. sawing of steel pipe.

Universal saw blade clamp

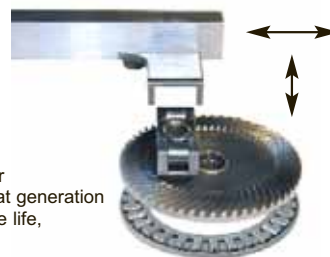
All saw blades – with universal or double tang – can be clamped without changing or turning the saw blade thrust piece.

REMS universal saw blade

Instead of many different saw blades, only 1 universal saw blade required. Highly flexible, also for sawing flush to the wall. Exceptionally wide clamping face by double tang mounting to ensure accurate seating and high stability. Alternating tooth pattern (combo-toothing) for rapid and smooth cutting. Long service life. (page 63).

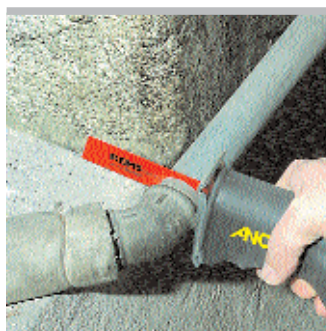


ANC



New gear type

- reduced friction and wear
- substantially reduced heat generation
- for extremely long service life, also during tough use



Flexible



German Quality Product

Supply format

REMS Panther ANC VE. Electric universal reciprocating saw with Vario-Electronic (VE) for free-hand sawing up to 6", 250 mm. Drive unit with pistol grip, maintenance-free, water and dust resistant oscillating drive with allround needle bearing mounted crank drive (ANC), aggressive orbital action, powerful universal motor 230 V or 110 V, 50–60 Hz, 500 W, safety tip switch. Electronic stepless speed control (acceleration switch). Universal saw blade clamp. Hexagon key. 1 REMS universal saw blade 150 mm. In cardboard box.

| | | |
|--|----------|--|
| | Art.-No. | |
| | 560025 | |



| | | | |
|--------|-------|-------|----|
| 2.4 kg | 500 W | 230 V | VE |
| ANC | | | |

Accessories

| | | |
|------------------------------|----------|--|
| Description | Art.-No. | |
| REMS saw blades see page 63. | | |
| Carrying bag | 574436 | |



REMS Cat ANC VE

Universal electric reciprocating saw

Powerful, handy electric tool for universal free-hand sawing. Only 3.0 kg. Ideal for assembly, dismantling, repair.

Steel pipes and others $\varnothing \leq 6''$, 160 mm

Other metal profiles, nail-embedded wood, pallets ≤ 250 mm

Plunge-in sawing for plastic pipes $\varnothing \leq 1600$ mm

REMS saw blades, for other makes also, see page 62–63.

REMS Cat ANC VE – saws anything, anywhere. Extremely versatile and powerful.

Universal use

Ready for use anywhere, free-hand, overhead, in confined areas, flush to wall. Extremely versatile and efficient, particularly for metal. Saws metal pipes, boilers, tanks, bath tubs, window frames, etc., for rescue and disaster service operations.

Execution

Robust, job site-proven. Slender, handy design. Super light, only 3.0 kg. Ergonomically shaped front housing grip with slip resistant, heat insulating protection cover with soft grip, for forceful feed forward. Proven D-shaped handle. Flexible supporting shoe for secure guidance of saw. High sliding silicone gasket protects gear against water and dust. Powerful universal motor with ample reserve capacity, 1050 W. Safety tip switch.

Sturdy, square lift rod

In special solid steel, mounted precisely in needle bearings towards the force direction and along the complete stroke length, for distortion-free, precise cutting also during tough use. For extremely long service life.

Oscillating drive with ANC

New type, super stable, water and dust resistant, maintenance-free oscillating drive for simultaneous generation of sawing stroke and orbital action of lift rod and saw blade. Allround needle bearing mounted crank drive (ANC) reduces friction, heat generation, wear. For long service life of drive also at extreme sawing.

Vario-Electronic

Electronic stepless speed control of drive unit for sensitive start sawing and for speed selection during sawing. The speed is controlled by pressing the tip switch steplessly from 0 to 2200 rpm (acceleration switch).

Aggressive orbital action

Aggressive orbital action by vertical hacking motion of saw blade provides forceful, fast forward feed, excellent chip flow and long service life of saw blades. Fixed orbital action, running in needle bearings, ensures long-lasting and forceful sawing also during extreme load conditions, e.g. sawing of steel pipe.

Universal saw blade clamp

All saw blades – with universal or double tang – can be clamped without changing or turning the saw blade thrust piece.

REMS universal saw blade

Instead of many different saw blades, only 1 universal saw blade required. Highly flexible, also for sawing flush to the wall. Exceptionally wide clamping face by double tang mounting to ensure accurate seating and high stability. Alternating tooth pattern (combo-toothing) for rapid and smooth cutting. Long service life. (page 63).



German Quality Product

Supply format

REMS Cat ANC VE. Electric universal reciprocating saw with Vario-Electronic (VE) for free-hand sawing up to 6", 250 mm. Drive unit with D-shaped handle, maintenance-free, water and dust resistant oscillating drive with allround needle bearing mounted crank drive (ANC), aggressive orbital action, powerful universal motor 230 V or 110 V, 50–60 Hz, 1050 W, safety tip switch. Electronic stepless speed control (acceleration switch). Universal saw blade clamp. Hexagon key. 1 REMS universal saw blade 150 mm. In cardboard box.

| | | |
|--|----------|--|
| | Art.-No. | |
| | 560030 | |



Accessories

| | | |
|-------------------------------------|----------|--|
| Description | Art.-No. | |
| REMS saw blades see page 63. | | |
| Steel case | 566005 | |



Powerful, handy electric tool with power-transferring guide support for effortless, fast and right angle sawing anywhere on site, without vice. Also for universal free-hand sawing. Only 3.0 kg. Ideal for assembly, dismantling, repair.

Steel pipes, and others $\varnothing \leq 6''$, 160 mm

Other metal profiles
nail-embedded wood, pallets ≤ 250 mm

Plunge-in sawing for plastic pipes $\varnothing \leq 1600$ mm

Difficult to cut materials, e.g. stainless steel pipes, hard cast iron pipes, with REMS Tiger ANC SR.

REMS saw blades, for other makes also, see page 62–63.

REMS Tiger – the saw for the pipe fitter. Saws effortless, fast, right angle.

Power-transferring guide support

For assembly and dismantling. Unique guide support with 5-fold leverage enables effortless, fast and right angle sawing anywhere at site, without vice. Ideal handling, easy and rapid to operate, positioned with one hand only for chucking and sawing. No loose swinging chain and cumbersome handling as with chain vice. No danger of jamming by limitation of swing angle. 400% additional sawing force for effortless, super fast sawing during assembly and dismantling, e.g. 2" steel pipe in only 8 s. For optimum in-feed with guide support a straight machine handle is advantageous.

Right angle sawing

Right angle cut thanks to REMS guide support and REMS special saw blade. Essential for subsequent operations in pipe installation.

REMS special saw blade

Absolutely essential for right angle sawing with guide support and for fast dismantling of steel pipes with force transmitting guide support. Extra thick and resistant to bending and distortion. Exceptionally wide clamping face by double tang mounting to ensure accurate seating and high stability. Normal saw blades with single tang do not withstand the high feed pressure during sawing with guide support, they break at the mounting point. Coarse, corrugated tooth pattern for rapid cutting. Long service life (page 62).

REMS universal saw blade

Instead of many different saw blades, only 1 universal saw blade for all sawing jobs instead of many different saw blades. Highly flexible, also for sawing flush to the wall. Exceptionally wide clamping face by double tang mounting to ensure accurate seating and high stability. Normal saw blades with single tang do not withstand the high feed pressure during sawing with guide support, they break at the mounting point. Alternating tooth pattern (combo-toothing) for rapid and smooth cutting. High service life. (page 63).

Execution

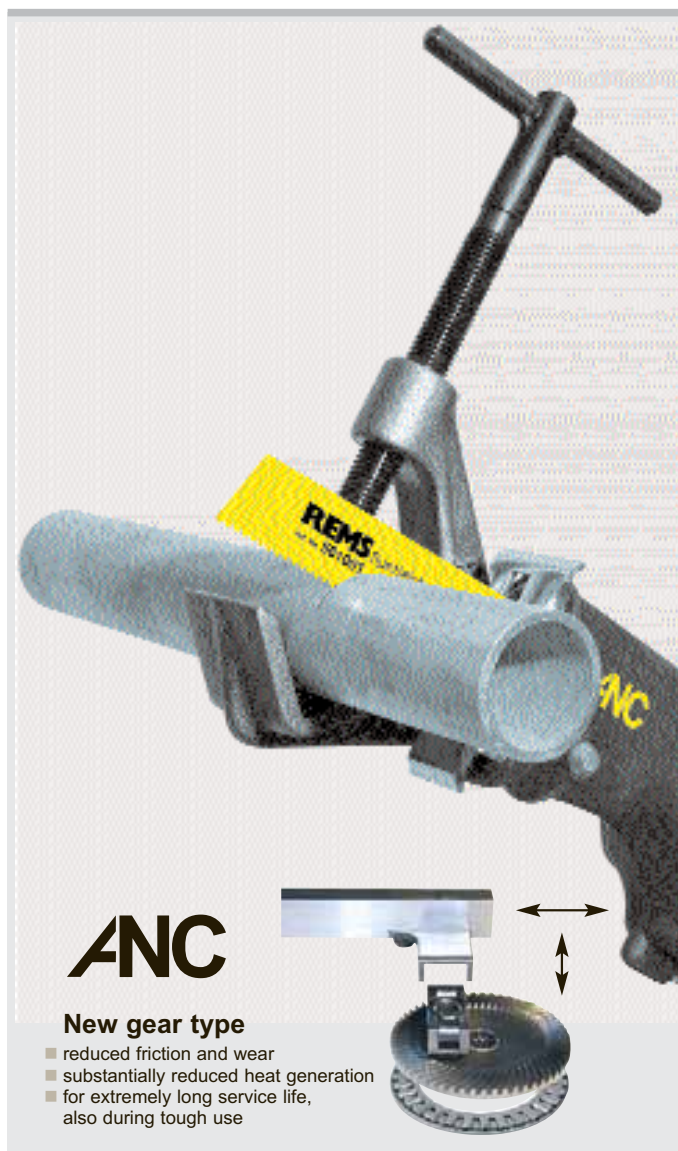
Robust, job site-proven. Slender, handy design. Super light, only 3.0 kg. Can be used anywhere. Ergonomically shaped front housing grip with slip resistant protection cover for forceful feed forward during free-hand sawing. Choice of practical D-shaped handle, advantageous during free-hand sawing, or straight machine handle, advantageous during sawing with guide support. Flexible supporting shoe for secure guidance of saw. High sliding silicone gasket protects gear against water and dust. Powerful universal motor with ample reserve capacity, 1050 W respectively 1400 W (REMS Tiger ANC SR). Safety tip switch. Choice of drive unit with fixed, ideal speed, electronic speed control (Vario-Electronic) or electronic speed regulation. Overload protection (REMS Tiger ANC) protects motor, gear and saw blade. The electronic speed control which is being used (REMS Tiger ANC SR) keeps the selected speed constant, also under load, including speed generator, control electronics, residual current limitation for sensitive start-sawing, motor temperature control of field wires by PTC resistance (Positive Temperature Coefficient) and stall protection of gear and motor.

Sturdy, square lift rod

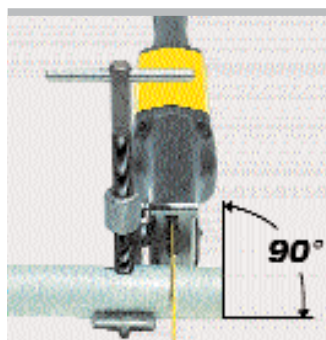
In special solid steel, mounted precisely in needle bearings towards the force direction and along the complete stroke length, for distortion-free, precise cutting also during tough use. For extremely long service life.

Oscillating drive with ANC

New type, super stable, water and dust resistant, maintenance-free oscillating drive for simultaneous generation of sawing stroke and orbital action of lift rod and saw blade. Allround needle bearing mounted crank drive (ANC) reduces friction, heat generation, wear. For long service life of drive also at extreme sawing.



German Quality Product



REMS Tiger ANC/VE/SR

Electric reciprocating pipe saws

Aggressive orbital action

Aggressive orbital action by vertical hacking motion of saw blade provides forceful, fast forward feed, excellent chip flow and long service life of saw blades. Fixed orbital action, running in needle bearings, ensures long-lasting and forceful sawing also during extreme load conditions, e.g. sawing of steel pipe. Adjustable mechanisms with a great variety of parts and a reduced system stability do not withstand the high feed forward pressure and the heavy-duty requirements of forceful cutting of steel pipes, particularly when a guide support with leverage is being used.

Ideal speed (REMS Tiger ANC)

Deliberately fixed speed. Therefore optimum cutting speed for maximum protection of motor and gear and maximum service life of saw blades. The ideal cutting speed of 2200 rpm has been determined by extensive sawing tests with steel pipe which lead to optimum performance in combination with the aggressive, fixed orbital action, guide support and REMS special saw blade.

Vario-Electronic (REMS Tiger ANC VE)

Electronic stepless speed control of drive unit for sensitive start-sawing and for speed selection during sawing according to the material. The speed is controlled by pressing the tip switch steplessly from 0 to 2200 rpm (acceleration switch).

Speed Regulation (REMS Tiger ANC SR)

Stepless electronic speed control of drive unit for selecting the stroke according to the material. Ideal for sawing stainless steel pipe, cast pipe and for sawing boilers, tanks, bath tubs etc. The number of strokes is steplessly adjustable on the dial with 6 locking positions from 700 to 2200 rpm.

Universal saw blade clamp

All saw blades – with universal or double tang – can be clamped without changing or turning the saw blade thrust piece.



German Quality Product



Supply format

REMS Tiger ANC Set. Electric reciprocating pipe saw for effortless, fast, right angle sawing with guide support and for free-hand sawing up to 6", 250 mm. Drive unit with straight machine handle, maintenance-free, water and dust resistant oscillating drive with allround needle bearing mounted crank drive (ANC), aggressive orbital action, powerful universal motor 230 V or 110 V, 50–60 Hz, 1050 W, safety tip switch. Fixed stroke. Overload protection. Universal saw blade clamp. Hexagon key. Guide support up to 2".

| | | |
|--|----------|--|
| | Art.-No. | |
| | 560020 | |

Other voltages, also 48 V on request.



| | | | | |
|--------|--------|-------|---------|--|
| 3.0 kg | 1050 W | 230 V | n ideal | |
| ANC | | | | |

Supply format

REMS Tiger ANC VE Set. Electric reciprocating pipe saw with Vario-Electronic for effortless, fast, right angle sawing with guide support and for free-hand sawing up to 6", 250 mm. Drive unit with D-shape handle, maintenance-free, water and dust resistant oscillating drive with allround needle bearing mounted crank drive (ANC), aggressive orbital action, powerful universal motor 230 V or 110 V, 50–60 Hz, 1050 W, safety tip switch. Electronic stepless speed control (acceleration switch). Universal saw blade clamp. Hexagon key. Guide support up to 2". 2 pcs. REMS special saw blades up to 2". In sturdy steel case.

| | | |
|--|----------|--|
| | Art.-No. | |
| | 560027 | |

Other voltages on request.



| | | | | |
|--------|--------|-------|----|--|
| 3.0 kg | 1050 W | 230 V | VE | |
| ANC | | | | |

Supply format

REMS Tiger ANC SR Set. Electric reciprocating pipe saw with speed regulation (SR) for effortless, fast, right angle sawing with guide support and for free-hand sawing up to 6", 250 mm. Drive unit with straight machine handle, maintenance-free, water and dust resistant oscillating drive with allround needle bearing mounted crank drive (ANC), aggressive orbital action, powerful universal motor 230 V or 110 V, 50–60 Hz, 1400 W, safety tip switch. Stepless electronic speed control with sensitive start-sawing, speed generator, temperature control and stall protection. Universal saw blade clamp. Hexagon key. Guide support up to 2". 2 pcs. REMS special saw blades up to 2". In sturdy steel case.

| | | |
|--|----------|--|
| | Art.-No. | |
| | 560026 | |

Other voltages on request.



| | | | | |
|--------|--------|-------|----|------|
| 3.1 kg | 1400 W | 230 V | SR | |
| ANC | | | | INOX |

Accessories

| | | |
|--|----------|--|
| Description | Art.-No. | |
| REMS saw blades see page 62–63. | | |
| Guide support up to 4" | 563100 | |
| Dual purpose holder for sawing and threading, with REMS Tiger ANC and REMS Amigo, REMS Amigo 2. | 543100 | |
| Protective cap for guide support 2" and 4" , for clamping of thin-walled material | 563008 | |



REMS Tiger ANC pneumatic

Pneumatic reciprocating pipe saw

Powerful, handy pneumatic tool with power-transferring guide support for effortless, fast and right angle sawing anywhere on site, without vice. Also for universal free-hand sawing. Ideal for use in dangerous, e.g. in wet environment. For assembly, dismantling, repair.

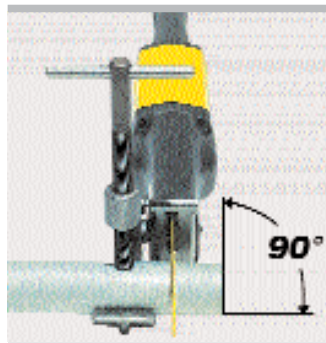
| | |
|--|----------------|
| Steel pipes and others | Ø ≤ 6", 160 mm |
| Other metal profiles | |
| nail-embedded wood, pallets | ≤ 250 mm |
| Plunge-in sawing for plastic pipes | Ø ≤ 1600 mm |
| REMS saw blades, for other makes also, see page 62–63. | |

REMS Tiger pneumatic – for sawing in dangerous environment. Saws effortless, fast, right-angle. Unique guide support for 400% additional sawing force. Sturdy, square lift rod. Oscillating drive with ANC. Aggressive orbital action for fast feed forward sawing and long service life of saw blades. Universal saw blade clamp.

Execution

Robust, job site-proven. Slender, handy design. Super light, only 3.8 kg. Can be used anywhere. Ergonomically shaped front housing grip with slip resistant, heat insulating protection cover with soft grip, for forceful feed forward during free-hand sawing. Flexible supporting shoe for secure guidance of saw. High sliding silicone gasket protects gear against water and dust. Powerful pneumatic motor with ample reserve capacity, 1000 W. Operating pressure 6 bar, air consumption 1.6 m³/min. Safety tip switch.

Additional description see REMS Tiger ANC, page 58–59.



German Quality Product

Supply format

REMS Tiger ANC pneumatic Set. Pneumatic reciprocating pipe saw for effortless, fast, right angle sawing with guide support and for free-hand sawing up to 6", 250 mm. Drive unit with straight machine handle, maintenance-free, water and dust resistant oscillating drive with allround needle bearing mounted crank drive (ANC), aggressive orbital action, powerful pneumatic 1000 W, operating pressure 6 bar, safety tip switch. Fixed stroke. Air inlet hose, air outlet hose. Universal saw blade clamp. Hexagon key. Guide support up to 2". 2 pcs. REMS special saw blades up to 2". In sturdy steel case.

| | | |
|--|----------|--|
| | Art.-No. | |
| | 560022 | |



| | | | | |
|--------|--------|-------|---------|--|
| 3.8 kg | 1000 W | 6 bar | n ideal | |
| ANC | | | | |

Accessories

| | | |
|--|----------|--|
| Description | Art.-No. | |
| REMS saw blades see page 62–63. | | |
| Guide support up to 4" | 563100 | |
| Dual purpose holder for sawing and threading, with REMS Tiger ANC and REMS Amigo, REMS Amigo 2. | 543100 | |
| Protective cap for guide support 2" and 4" , for clamping of thin-walled material | 563008 | |



REMS Akku-Cat ANC VE Cordless universal reciprocating saw

Powerful, handy electric tool for universal free-hand sawing. No cable. Only 3.5 kg. Ideal for assembly, dismantling, repair.

Steel pipes and others $\varnothing \leq 6"$, 160 mm

Other metal profiles, nail-embedded wood, pallets ≤ 250 mm

Plunge-in sawing for plastic pipes $\varnothing \leq 1600$ mm

REMS saw blades, for other makes also, see page 62–63.

REMS Akku-Cat ANC VE – saws anything, anywhere. No cable. Extremely versatile and powerful.

Universal use

Ready for use anywhere, free-hand, overhead, in confined areas, flush to wall. Mains independent. Extremely versatile and efficient, particularly for metal. Saws metal pipes, boilers, tanks, bath tubs, window frames, etc., for rescue and disaster service operations.

Execution

Robust, job site-proven. Slender, handy design. Super light, drive unit with battery only 3.5 kg. Ergonomically shaped front housing grip with slip resistant, heat insulating protection cover with soft grip, for forceful feed forward. Proven D-shaped handle. Flexible supporting shoe for secure guidance of saw. High sliding silicone gasket protects gear against water and dust. Powerful 18 V battery motor with ample reserve capacity, 500 W output. Safety tip switch.

Sturdy, square lift rod

In special solid steel, mounted precisely in needle bearings towards the force direction and along the complete stroke length, for distortion-free, precise cutting also during tough use. For extremely long service life.

Oscillating drive with ANC

New type, super stable, water and dust resistant, maintenance-free oscillating drive for simultaneous generation of sawing stroke and orbital action of lift rod and saw blade. Allround needle bearing mounted crank drive (ANC) reduces friction, heat generation, wear. For long service life of drive also at extreme sawing.

Vario-Electronic

Electronic stepless speed control of drive unit for sensitive start sawing and for speed selection during sawing. The speed is controlled by pressing the tip switch steplessly from 0 to 1700 rpm (acceleration switch).

Aggressive orbital action

Aggressive orbital action by vertical hacking motion of saw blade provides forceful, fast forward feed, excellent chip flow and long service life of saw blades. Fixed orbital action, running in needle bearings, ensures long-lasting and forceful sawing also during extreme load conditions, e.g. sawing of steel pipe.

High-power battery

High-power battery 18 V with 2.0 Ah capacity for extremely long run time, high cutting power and ample reserve capacity. Rapid charger for short charging times (1 hour). Impulse charging technique reduces memory effect for maximum battery power.

Universal saw blade clamp

All saw blades – with universal or double tang – can be clamped without changing or turning the saw blade thrust piece.

REMS universal saw blade

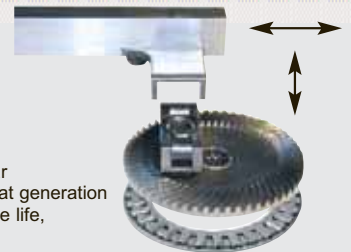
Instead of many different saw blades, only 1 universal saw blade required (page 63).



ANC

New gear type

- reduced friction and wear
- substantially reduced heat generation
- for extremely long service life, also during tough use



German Quality Product



| | | | |
|--------|-------|------|----|
| 3.5 kg | 500 W | 18 V | VE |
| ANC | | | |

Supply format

REMS Akku-Cat ANC VE. Battery driven universal reciprocating saw with Vario-Electronic (VE) for free-hand sawing up to 6", 250 mm. Drive unit with D-shaped handle, maintenance-free, water and dust resistant oscillating drive with allround needle bearing mounted crank drive (ANC), aggressive orbital action, powerful 18 V battery motor, safety tip switch. Electronic stepless speed control (acceleration switch). High-power battery 18 V, 2.0 Ah, rapid charger 230 V or 110 V, 50–60 Hz, 50 W. Universal saw blade clamp. Hexagon key. 1 REMS universal saw blade 150 mm. In sturdy case.

| | | |
|--|----------|--|
| | Art.-No. | |
| | 560050 | |

Other voltages on request.

Accessories

| | | |
|-------------------------------------|----------|--|
| Description | Art.-No. | |
| REMS saw blades see page 62–63. | | |
| High-Power-Battery 18 V, 2.0 Ah | 565210 | |
| Rapid charger 230 V, 50–60 Hz, 50 W | 565220 | |



REMS spesial saw blades

For REMS Tiger ANC/VE/SR,
REMS Tiger ANC pneumatic and other makes

Special saw blades for right angle sawing and for fast dismantling of steel pipes with power transmitting guide support.

Steel pipes $\varnothing \leq 4''$

REMS spesial saw blade – for right angle sawing and for fast dismantling of steel pipes with power transmitting guide support.

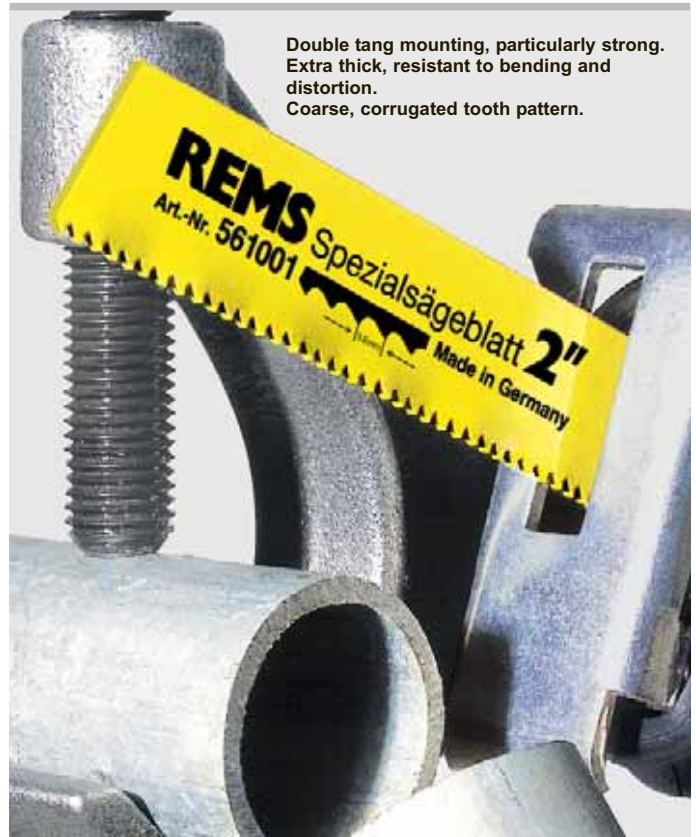
Specially developed for REMS Tiger ANC.

Absolutely essential for right angle sawing and for fast dismantling with power transmitting guide support. This results in multiple sawing pressure through 5-fold leverage effect. Normal saw blades with single tang do not withstand the high feed pressure during sawing with guide support, they break at the mounting point.

For this reason, extra thick REMS special saw blade, resistant to bending and distortion.

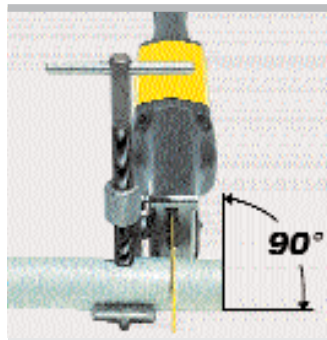
Double tang mounting with exceptionally wide clamping face ensures accurate seating and high stability.

Coarse, corrugated tooth pattern for rapid sawing. Long service life.



Double tang mounting, particularly strong. Extra thick, resistant to bending and distortion. Coarse, corrugated tooth pattern.

German Quality Products



| Description | Length mm | Tooth pitch mm | Material | Colour | Art.-No. Pack of 5 |
|--|--------------|----------------------|----------|--------|--------------------------|
| REMS special saw blade 2'' for steel pipes up to 2'' | 140 | 2.5 | HSS-Bi | yellow | 561007 |
| REMS special saw blade 2'' for steel pipes up to 2'' | 140 | 3.2 | HSS-Bi | yellow | 561001 |
| REMS special saw blade 4'' for steel pipes up to 4'' | 200 | 3.2 | HSS-Bi | yellow | 561002 |

For hard-to-machine materials, e.g. stainless steel pipes, hard cast iron pipes, use the finer toothed REMS universal saw blade instead of the REMS special saw blade in combination with REMS Tiger ANC SR with electronic speed regulation (page 59).



REMS universal saw blades

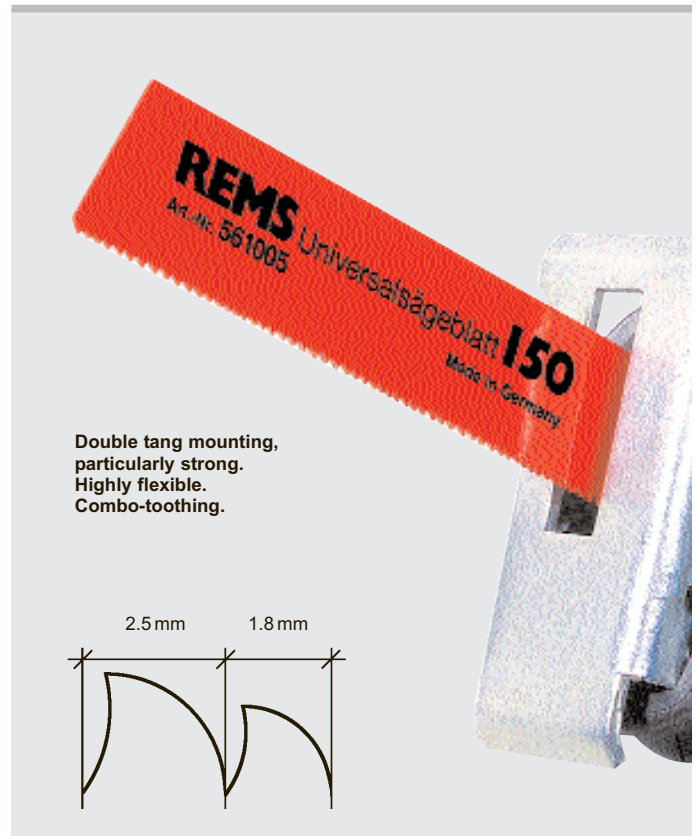
For REMS Panther ANC VE, Cat ANC VE, Tiger ANC/VE/SR, Akku-Cat ANC VE and other makes

Universal saw blade for free-hand sawing and for sawing with power transmitting guide support. Instead of many different saw blades.

| | |
|---|---------------------------------|
| Steel pipes, stainless steel pipes and others | $\varnothing \leq 6''$, 160 mm |
| Other metal profiles, nail-embedded wood, pallets | ≤ 250 mm |
| Plunge-in sawing of plastic pipes | $\varnothing \leq 1600$ mm |

REMS universal saw blade – for all sawing jobs.

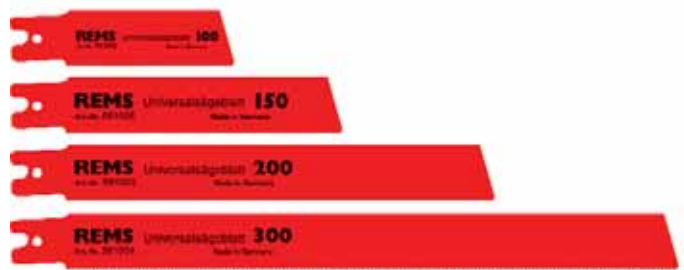
Only 1 universal saw blade instead of many different saw blades for all sawing jobs. Resilient material, highly flexible, also for flush-to-wall sawing. Double tang mounting with exceptionally wide clamping face for accurate seating and high stability. Also for sawing with power transmitting guide support. Alternating tooth pattern (combo-tothing), specially hardened in the tothing area. Thus outstanding cutting performance and prolonged service life.



| Description | Length mm | Tooth pitch mm | Material | Colour | Art.-No. Pack of 5 |
|------------------------------|-----------|----------------|----------|--------|--------------------|
| REMS universal saw blade 100 | 100 | Combo 1.8/2.5 | HSS-Bi | red | 561006 |
| REMS universal saw blade 150 | 150 | Combo 1.8/2.5 | HSS-Bi | red | 561005 |
| REMS universal saw blade 200 | 200 | Combo 1.8/2.5 | HSS-Bi | red | 561003 |
| REMS universal saw blade 300 | 300 | Combo 1.8/2.5 | HSS-Bi | red | 561004 |

Also for nail-embedded wood, pallets. For hard-to-machine materials, e.g. stainless steel pipes, hard cast iron pipes, lower speed required, e.g. by using REMS Tiger ANC SR with electronic speed regulation (page 59).

German Quality Products



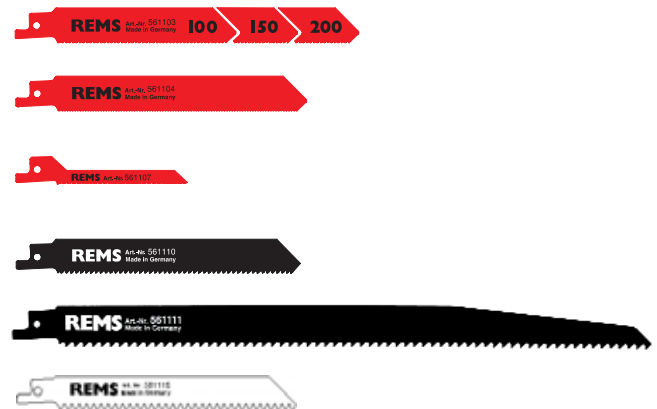
REMS saw blades

For REMS Panther ANC VE, Cat ANC VE, Tiger ANC/VE/SR, Akku-Cat ANC VE and other makes

for free-hand sawing for many purposes

| Description | Length mm | Tooth pitch mm | Material | Colour | Art.-No. Pack of 5 |
|--|-----------|----------------|----------|--------|--------------------|
| REMS saw blade Metal 3 mm and thicker | 100 | 1.8 | HSS-Bi | red | 561101 |
| | 150 | 1.8 | HSS-Bi | red | 561103 |
| | 200 | 1.8 | HSS-Bi | red | 561102 |
| REMS saw blade Metal 1–3 mm | 150 | 1.4 | HSS-Bi | red | 561104 |
| REMS saw blade Metal 1–3 mm (for curved cuts) | 90 | 1.4 | HSS-Bi | red | 561107 |
| REMS saw blade Metal 4 mm and thicker, nail-embedded wood, pallets | 150 | 2.5 | HSS-Bi | black | 561110 |
| REMS saw blade All types of wood | 300 | 4 | WS | black | 561111 |
| REMS saw blade Plasterboards, breeze blocks, etc. | 150 | 5 | WS | white | 561115 |

German Quality Products



REMS Turbo Cu-INOX

Circular pipe sawing machine

Compact, portable circular pipe sawing machine for burr-reduced, right angle and rapid sawing. Ideal for stainless steel and copper tubes of pressfitting systems. For job site and workshop.

| | |
|--|----------------------------------|
| Stainless steel tubes, copper tubes and other materials | $\varnothing \leq 76 \text{ mm}$ |
| REMS saw blade | $\varnothing 225 \text{ mm}$ |

REMS Turbo Cu-INOX – burr-reduced, right angle, rapid. Burr-reduced sawing through double clamping vice. Powerful, e.g. $\varnothing 22 \text{ mm}$ in only 4 s. Easy to transport.

Ideal for pressfitting systems

In accordance with requirements:

Dry sawing, so no damage to O-rings from lubricants.

Burr-reduced through double clamping vice.

Optimum cutting speed prevents degradation of pipe material through overheating.

Execution

Compact, robust, job site-proven. Small in size, handy, portable, only 17 kg.

Easy sawing through favourable leverage effect. Fast saw blade change.

Precise sawing. Mark on the saw blade protection cover showing the saw blade cutting line.

Universal double clamping vice

Robust, easy-running universal double clamping vice for burr-reduced sawing.

Both pipe ends remain securely clamped during sawing. Easy, secure clamping also of thin-walled pipes through inclined jaw. Only one strong clamping spindle for both clamping sides ensures even, effortless and secure clamping of the material.

Drive

Robust gear, precisely mounted in roller and needle bearings, maintenance-free.

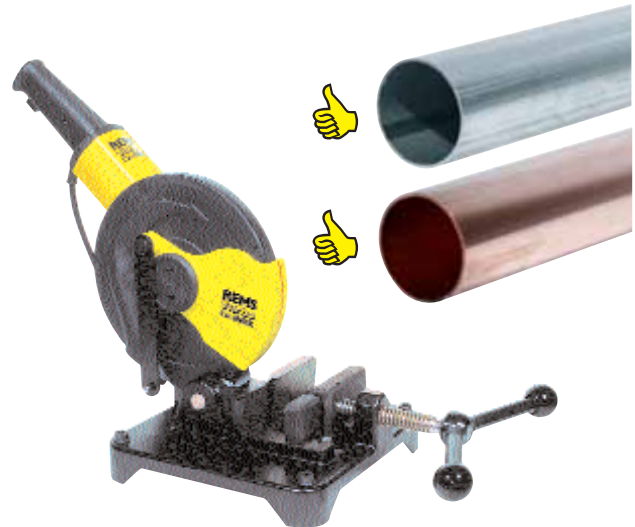
Proven universal motor, 500 W. Powerful, e.g. stainless steel pipe $\varnothing 22 \text{ mm}$ in only 4 s. Ideal speed (60 rpm) for optimum cutting speed and smooth sawing.

REMS saw blades

Top German quality. REMS circular saw blade HSS 225x2x32, 220 teeth, for metal, adjusted to the efficiency of REMS Turbo Cu-INOX for sawing stainless steel tubes. Specially fine-toothed, hardened and ground. For easy and exact sawing. Prolonged durability. REMS circular saw blade HSS-E (cobalt alloyed) 225x2x32, 220 teeth, for metal, for even better durability. Specially fine-toothed, hardened and ground.



German Quality Product



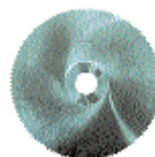
Supply format

REMS Turbo Cu-INOX. Circular pipe saw with universal double clamping vice for burr-reduced, right angle, rapid sawing. Ideal for stainless steel and copper tubes of pressfitting systems. For REMS saw blade $\varnothing 225 \text{ mm}$. With maintenance-free gear, proven universal motor 230 V or 110 V, 50–60 Hz, 500 W. Safety tip switch, saw blade protection cover. Speed 60 rpm. Ring spanner. Hexagon key. Without saw blade.

| | | |
|--|----------|--|
| | Art.-No. | |
| | 849006 | |

Accessories

| Description | Art.-No. | |
|---|----------|--|
| REMS circular saw blade HSS for metal, specially for stainless steel pipes, fine-toothing, 225x2x32, 220 teeth. | 849703 | |
| REMS circular saw blade HSS-E (cobalt alloyed) circular saw blade HSS-E (cobalt alloyed) tooting, 225x2x32, 220 teeth. Very long service life. | 849706 | |
| Stand | 849315 | |



REMS Turbo K

Universal circular metal sawing machine with automatic cooling lubricant unit

Compact, mobile, universal circular metal sawing machine for installation, metal working and industry. For job site and workshop.

| | | | | | | | |
|-------|----|----|-------|-------|----|----|-------|
| ↖ | ○ | □ | ▭ | └ | ● | ■ | ■ |
| 90° ☒ | 78 | 55 | 70x50 | 50x50 | 40 | 40 | 50x30 |
| 45° ☒ | 60 | 55 | 60x40 | 50x50 | 40 | 40 | 50x30 |

REMS saw blade Ø 225 mm

REMS Turbo K – the most powerful in its class.
Progressive drive, e.g. 2" steel pipe in only 5 s.
Easy to transport.

Execution

Compact, robust, job site-proven. Small in size, handy, portable, complete only 22 kg. Automatic cooling lubricant unit. Easy sawing through favourable leverage effect. Fast saw blade change. Precise sawing.

Universal vice

Robust, easy-running universal vice with strong clamping spindle and large clamping lever for effortless, secure clamping of the material. Standard with clamp insert for thin-walled pipes. Quick setting of bevel angle thanks to clearly laid out scale and clamping lever. Simple, sturdy length stop.

Drive

Robust, maintenance-free gear, precisely mounted in roller and needle bearings. Proven universal motor, 1200 W. Extremely strong and powerful, e.g. 2" steel pipe in only 5 s. Ideal speed (115 rpm) for fast and smooth sawing.

REMS saw blades

Top German quality. REMS universal circular saw blade HSS 225x2x32 for metal, 120 teeth, adjusted to the efficiency of REMS Turbo K. Specially toothed, hardened and ground. For easy and exact sawing. REMS universal circular saw blade HSS 225x2x32, 220 teeth, adjusted for sawing stainless steel. Specially fine-toothed, hardened and ground. For an even better durability, REMS universal circular saw blade HSS-E (cobalt alloyed) 225x2x32, 220 teeth. Specially fine-toothed, hardened and ground.

Cooling lubricants

REMS Sanitol and REMS Spezial (page 47). High lubricating and cooling effect. Essential for clean cuts, long service life of saw blades and machine.



German Quality Product

Supply format

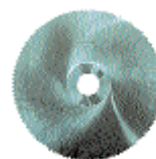
REMS Turbo K. Universal circular metal sawing machine with automatic cooling lubricant unit. For straight cuts and bevel cuts up to 45°. For REMS saw blade Ø 225 mm. Maintenance-free gear. Proven, powerful universal motor 230 V or 110 V, 50–60 Hz, 1200 W. Safety tip switch, saw blade protection cover, length stop. Clamp insert for thin-walled pipes. Speed 115 rpm. Ring spanner. Hexagon key. 1 filling of cooling lubricant REMS Spezial. Without saw blade.

| | | |
|--|----------|--|
| | Art.-No. | |
| | 849007 | |

Accessories

| Description | Art.-No. | |
|--|----------|--|
| REMS universal circular saw blade HSS for metal, 225x2x32, 120 teeth | 849700 | |
| REMS circular saw blade HSS for metal, fine-toothing, 225x2x32, 220 teeth | 849703 | |
| REMS circular saw blade HSS-E (cobalt alloyed) for metal, fine-toothing, 225x2x32, 220 teeth. Very long service life. | 849706 | |
| Stand | 849315 | |
| Electronic speed regulator for hard-to-machine materials, e.g. stainless steel pipes, hard cast iron pipes. Fixed, optimum speed. | 565051 | |

Cooling lubricants see page 47.



REMS



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