










# Sawing

	Universal electric reciprocating saws	56
	Electric reciprocating pipe saws	58
	Pneumatic reciprocating pipe saw	60
	Cordless universal reciprocating saw	61
	Saw blades for reciprocating saws	62
	Circular pipe sawing machine	64
	Universal circular metal sawing machine	65

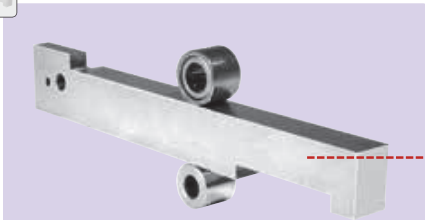
# REMS reciprocating saws

Legend



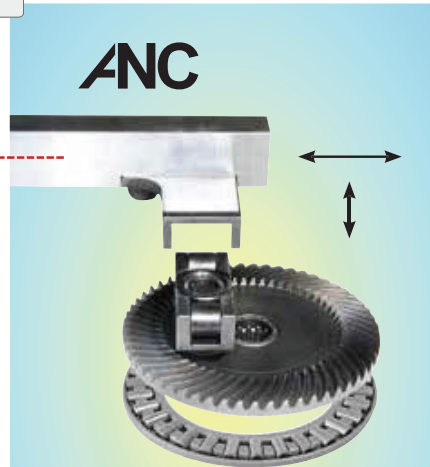
**Aggressive orbital action** by vertical hacking motion of saw blade provides forceful, fast forward feed, excellent chip flow and long service life of saw blades.

**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.

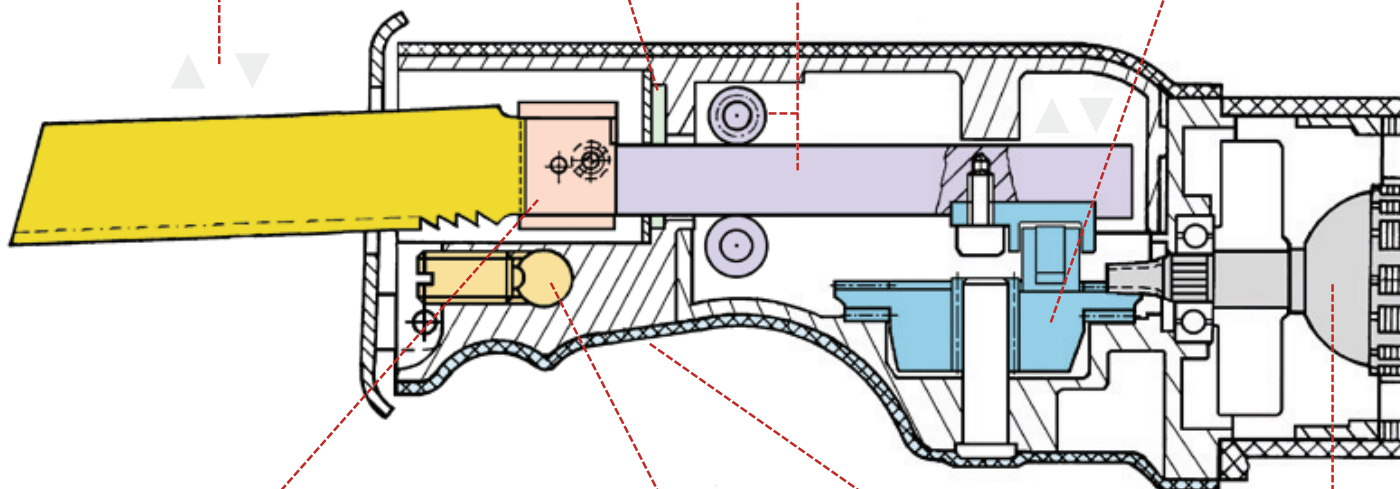


Sturdy, square lift rod in special solid steel, mounted precisely in needle bearings towards the force direction and along the complete stroke length, for distortion-free, precise cutting also during tough use and by applying multiple sawing force, e.g. using a guide support with leverage. For extremely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

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



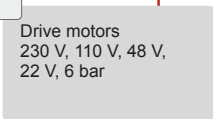
Super stable, water and dust resistant, maintenance-free oscillating gear enables a simultaneous generation of saw and orbital stroke of lift rod and saw blade. Allround needle bearing mounted crank drive (ANC) reduces friction, heat generation, wear. Thus long service life also at extreme sawing.



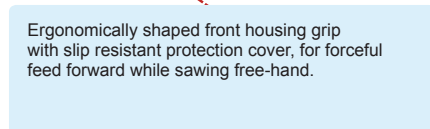
Universal saw blade clamp for mounting all saw blades – with universal or double tang – without changing or turning the saw blade thrust piece.



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



Drive motors  
230 V, 110 V, 48 V,  
22 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 stroke speed is controlled continuously by variable pressure on the touch switch from 0 to 2,800 rpm (REMS Puma VE), 0 to 2,400 rpm (REMS Cat ANC VE, REMS Tiger ANC VE) or 0 to 2,000 rpm (REMS Akku-Cat 22 V ANC VE) (accelerator 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 2,400 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. Guide support with five-fold force transmitting leverage allows effortless, fast, right angled sawing anywhere on site, without a 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/  
INOX

## 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 speed is continuously adjustable between 700 and 2,200 rpm on the dial. 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 with 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 22 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.



## Saw blade holder with quick-change system

Practical saw blade holder with quick-change system for fast saw blade changing without tools. For holding single tang saw blades.



## Continuously adjustable support shoe

Swivel support shoe for safe guiding of the saw on the material to be sawn. Support shoe continuously adjustable in longitudinal direction by 40 mm for better utilisation of partially blunted saw blades and for setting the plunge-in depth of the saw blade in the material.



## Anti-vibration system

Special drive technology with mass compensation and vibration damping handles. For low vibration, effortless sawing.



## Saw blade can be inserted turned 180°.

Saw blade can be inserted with the teeth facing down or turned 180° facing up for cuts in confined spaces with difficult access.



# REMS Puma VE

Universal electric reciprocating saw

Powerful power tool for universal free-hand sawing. Only 3.8 kg. Ideal for assembly, disassembly, repair.

Many materials, e.g. wood, wood with nails, pallets, metal, even stainless steel, cast iron, breeze blocks, plaster boards, pumice stone, brick

**REMS Puma VE – the powerful universal saw with anti-vibration system. Quick saw blade change without tools. Adjustable support shoe.**

## Universal use

Can be used anywhere, free hand, over head, in tight corners, flush with the wall. Extremely versatile and powerful. For all sawing work on the building site and for rescue and emergency operations. Also for plunge-cut sawing.

## Design

Powerful, suitable for building sites. Handy, easy grip shape. Only 3.8 kg. Ergonomically designed front housing grip with non-slip, heat insulating protective jacket with soft grip, for powerful sawing thrust. Practical D-shaped handle with vibration damping soft grip. Drive rod runs in an enclosed drive housing for safe work. Large saw blade stroke, 30 mm, for better cut clearance. Fast stroke speed up to 2,800 rpm for fast sawing thrust and effective sawing. Robust crank drive, maintenance-free. High sliding special seal. Powerful, high capacity universal motor with large power reserve, 1,300 W, safety switch. 4 m long connecting lead. Safety switch.

## Anti-vibration system

Special drive technology with mass compensation and vibration damping handles. For low vibration, effortless sawing.

## Vario-Electronic

Continuous electronic stroke speed control for gentle start of sawing and selection of a stroke speed suitable for the material. The stroke speed can be continuously controlled by variable pressure on the safety switch from 0 to 2,800 rpm (accelerator switch).

## Saw blade holder with quick-change system

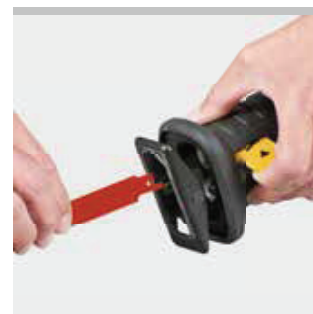
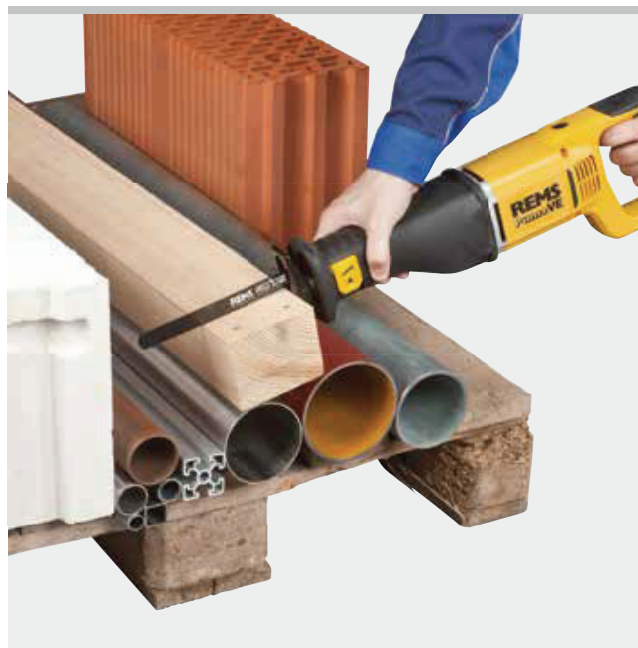
Practical saw blade holder with quick-change system for fast saw blade changing without tools. For holding single tang saw blades. Saw blade can be inserted with the teeth facing down or turned 180° facing up for cuts in confined spaces with difficult access.

## REMS saw blades

Full range of REMS saw blades for free-hand sawing of different materials (page 63).

## Continuously adjustable support shoe

Swivel support shoe for safe guiding of the saw on the material to be sawn. Support shoe continuously adjustable in longitudinal direction by 40 mm for better utilisation of partially blunted saw blades and for setting the plunge-in depth of the saw blade in the material. For economical working.



Info

## Supply format

**REMS Puma VE Set.** Electric universal reciprocating saw with Vario-Electronic (VE) for free-hand sawing, with anti-vibration system. Drive machine with D-shaped handle with soft grip, maintenance-free crank drive, powerful 230 V, 50–60 Hz, 1,300 W universal motor, safety switch, connecting cable 4 m. Continuous electronic stroke speed control (accelerator switch) 0 to 2,800 rpm. 30 mm stroke. Saw blade holder with quick-change system Adjustable support shoe. Hexagon key. 1 REMS saw blade 210-1.8/2.5. In sturdy steel case.

	Art.-No.	
	560023	

Other voltages on request.

## Accessories

Description	Art.-No.	
REMS Puma VE drive unit	560003	
REMS saw blades see page 63.		
Steel case	566051	



3.8 kg	1300 W	230 V	VE



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

Many materials, e.g. wood, wood with nails, pallets, metal, even stainless steel, cast iron, breeze blocks, plaster boards, pumice stone, brick

Especially also for steel pipes

## REMS Cat ANC VE – saws anything, anywhere.

**Extremely versatile and powerful.**

**Robust and handy.**

### Universal use

Ready for use anywhere, free-hand, overhead, in confined areas, flush to wall. Extremely versatile and efficient. Especially also for sawing metal pipes, sawing up boilers, tanks, bath tubs. For rescue and emergency operations. Also for plunge-cut sawing.

### Design

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. Swivel support shoe for safe guiding of the saw on the material to be sawn. 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. Drive rod runs in an enclosed housing for safe work.

### Oscillating drive with ANC

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.

### 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.

### 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 2,400 rpm (acceleration switch).

### 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

Only 1 REMS universal saw blade (page 62) for all sawing work instead of many different saw blades. Double tang for free-hand sawing and sawing with guide holder.

### REMS saw blades

Full range of REMS saw blades for free-hand sawing of different materials (page 63).



German Quality Product

Tested by electro**suisse** >>



Info

## Supply format

**REMS Cat ANC VE Set.** Electric universal reciprocating saw with Vario-Electronic (VE) for free-hand sawing. 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) 0 to 2,400 rpm. Universal saw blade clamp. Hexagon key. 1 REMS universal saw blade 150-1.8/2.5. In sturdy steel case.

	Art.-No.	
	560040	

Other voltages on request.

## Accessories

Description	Art.-No.	
REMS Cat ANC VE drive unit	560004	
REMS saw blades see page 62–63.		
Steel case	566005	



3.0 kg	1050 W	230 V	VE
ANC			

REMS



Powerful, robust, handy power tool with force-transmitting guide holder for effortless, fast, right-angled sawing everywhere on site, without a vice. Also for universal free-hand sawing. Only 3.0 kg. Ideal for assembly, dismantling, repair.

Ideal for steel pipes and others.

Many materials, e.g. wood, wood with nails, pallets, metal, even stainless steel, cast iron, breeze blocks, plaster boards, pumice stone, brick

For materials that are difficult to cut, e.g. stainless steel pipes, hard cast iron, use the REMS Tiger ANC SR with electronic stroke speed control.

## REMS Tiger – the saw for the pipe fitter.

**Saws effortlessly, fast, right angle.**

**Robust and handy.**

### Power-transferring guide support

400 % additional sawing force for effortless, super fast sawing, e.g. 2" steel pipe in only 8 s. For assembly and dismantling. Guide support with five-fold force transmitting leverage allows effortless, fast, right angled sawing anywhere on site, without a 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. 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

REMS special saw blade (page 62), extra thick, rigid and unbendable, double tang, absolutely essential for right-angled sawing and fast disassembly of steel pipes with force-transmitting guide holder.

### REMS universal saw blade

Only 1 REMS universal saw blade (page 62) for all sawing work instead of many different saw blades. Double tang for free-hand sawing and sawing with guide holder.

### REMS saw blades

Full range of REMS saw blades for free-hand sawing of different materials (page 63).

### Universal saw blade clamp

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

### Design

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. Swivel support shoe for safe guiding of the saw on the material to be sawn. 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 tachometer speed controller (REMS Tiger ANC SR) used for control keeps the preselected number of strokes constant even under load and includes tachogenerator, electronic control, start-up current limiter for soft start-up, overheating protection by temperature monitoring of the field winding of the motor with PTC resistance (Positive Temperature Coefficient) and blocking protection for gearbox 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. Drive rod runs in an enclosed housing for safe work.

### Oscillating drive with ANC

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.

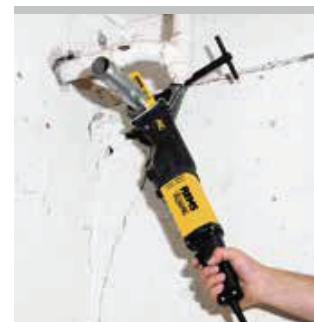
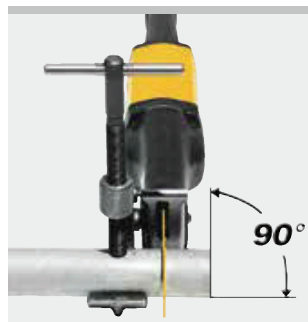
### Aggressive orbital action

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.



German Quality Product

Tested by electrosuisse





# REMS Tiger ANC/VE/SR

Electric reciprocating pipe saws

## 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 2,400 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)

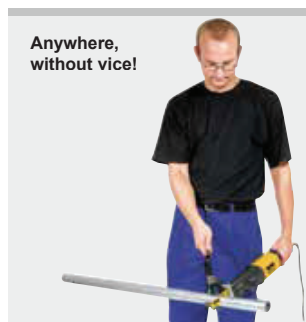
Electronic stepless speed control of drive unit for sensitive start-sawing and for speed selection during sawing according to the material. Also for plunge-cut sawing. The stroke speed can be continuously controlled by variable pressure on the safety switch from 0 to 2,400 rpm (accelerator switch).

## 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. Also for plunge-cut sawing. The number of strokes is steplessly adjustable on the dial from 700 to 2,200 rpm.



Anywhere,  
without vice!



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. 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 2,400 rpm. Overload protection. Universal saw blade clamp. Hexagon key. Guide support 2". 2 pcs. REMS special saw blades 2"/140-3,2. In sturdy steel case.

	Art.-No.	
	560020	

Other voltages, also 48 V on request.

## 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. 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) 0 to 2,400 rpm. Universal saw blade clamp. Hexagon key. Guide support 2". 2 pcs. REMS special saw blades 2"/140-3,2. In sturdy steel case.

	Art.-No.	
	560027	

Other voltages on request.

## 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. 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 700 to 2,200 rpm with sensitive start-sawing, speed generator, temperature control and stall protection. Universal saw blade clamp. Hexagon key. Guide support 2". 2 pcs. REMS special saw blades 2"/140-3,2. In sturdy steel case.

	Art.-No.	
	560026	

Other voltages on request.

## Accessories

Description	Art.-No.	
<b>REMS Tiger ANC drive unit</b>	560000	
<b>REMS Tiger ANC VE drive unit</b>	560008	
<b>REMS Tiger ANC SR drive unit</b>	560001	
<b>REMS saw blades see page 62–63.</b>		
<b>Guide support 2"</b> , for pipes Ø 1/2–2"	563000	
<b>Guide support 4"</b> , for pipes Ø 2 1/2–4"	563100	
<b>Guide support 6"</b> , for pipes Ø 5–6"	563200	
<b>Dual purpose holder</b> for sawing and threading, with REMS Tiger ANC and REMS Amigo E, Amigo, Amigo 2	543100	
<b>Protective cap for guide support 2", 4" and 6"</b> , for clamping of thin-walled material	563008	
<b>Steel case</b>	566051	



3.0 kg	1050 W	230 V	n ideal	
ANC				



3.0 kg	1050 W	230 V	VE	
ANC				



3.1 kg	1400 W	230 V	SR	
ANC				INOX





# REMS Tiger ANC pneumatic

Pneumatic reciprocating pipe saw

Powerful, robust, handy compressed air tool with force-transmitting guide holder for effortless, fast, right-angled sawing everywhere on site, without a vice. Also for universal free-hand sawing. Ideal for use in dangerous, e.g. in wet environment. For assembly, dismantling, repair.

Ideal for steel pipes and others.

Many materials, e.g. wood, wood with nails, pallets, metal, even stainless steel, cast iron, breeze blocks, plaster boards, pumice stone, brick

For materials that are difficult to cut, e.g. stainless steel pipes, hard cast iron, use the REMS Tiger ANC SR with electronic stroke speed control.

**REMS Tiger pneumatic – for sawing in dangerous environment.**

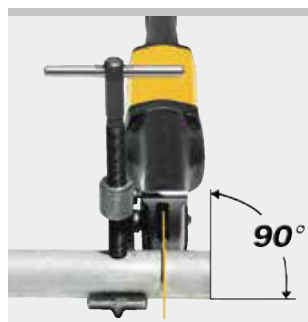
**Saws effortless, fast, right-angle. Force transmitting guide support for 400 % more sawing power. Sturdy, square lift rod. Oscillating drive with ANC.**

**Aggressive orbital action for fast feed forward sawing and long service life of saw blades. Universal saw blade clamp.**

## Design

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. Swivel support shoe for safe guiding of the saw on the material to be sawn. High sliding silicone gasket protects gear against water and dust. Powerful pneumatic motor with ample reserve capacity, 1000 W. Stroke speed control (accelerator switch) 0 to 1,700 rpm. Operating pressure 6 bar, air consumption  $\leq 1.6 \text{ m}^3/\text{min}$ . Safety switch with lock.

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



German Quality Product



Info



3.8 kg 1000 W 6 bar



## 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. 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 switch with lock. Stroke speed control (accelerator switch) 0 to 1,700 rpm. Air inlet hose, air outlet hose. Universal saw blade clamp. Hexagon key. Guide support 2". 2 pcs. REMS special saw blades 2"/140-3,2. In sturdy steel case.

	Art.-No.
	560022

## Accessories

Description	Art.-No.
<b>REMS saw blades</b> see page 62–63.	
<b>REMS Tiger ANC pneumatic drive unit</b>	560002
<b>Guide support 2"</b> , for pipes $\varnothing \frac{1}{4}$ –2"	563000
<b>Guide support 4"</b> , for pipes $\varnothing 2\frac{1}{2}$ –4"	563100
<b>Guide support 6"</b> , for pipes $\varnothing 5$ –6"	563200
<b>Dual purpose holder</b> for sawing and threading, with REMS Tiger ANC and REMS Amigo E, Amigo, Amigo 2	543100
<b>Protective cap for guide support 2", 4" and 6"</b> , for clamping of thin-walled material	563008
<b>Steel case</b>	566051



Powerful, robust, handy power tool for universal free-hand sawing. Only 3.1 kg. Ideal for assembly, dismantling, repair.

Many materials, e.g. wood, wood with nails, pallets, metal, even stainless steel, cast iron, breeze blocks, plaster boards, pumice stone, brick

Especially also for steel pipes

**REMS Akku-Cat 22V ANC VE – saws anything, anywhere. Powerful, robust and easy to handle. Li-Ion 21.6V, 5.0Ah battery for 50% more cuts<sup>2)</sup>.**

## 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. Also for plunge-cut sawing.

## Design

Robust, job site-proven. Slender, handy design. Super light, drive unit with battery only 3.1 kg. Ergonomically shaped front housing grip with slip resistant, heat insulating protection cover with soft grip, for forceful feed forward. Proven D-shaped handle. Swivel support shoe for safe guiding of the saw on the material to be sawn. High sliding silicone gasket protects gear against water and dust. Powerful 21.6 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

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 2,000 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.

## Battery or mains operation

Li-Ion 22V Technology. Highly resistant Li-Ion 21.6 V battery with 5.0 Ah capacity, for long service life. Light and powerful, for 50% more cuts than Li-Ion 18V, 3.0Ah batteries<sup>2)</sup>. Graduated charging state display with coloured LED. Operating temperature range – 10 to + 60 °C. No memory effect for maximum battery power. Rapid charger for short charging times. Voltage supply 230 V/21.6 V for mains operation 230 V instead of Li-Ion 21.6 V battery, as an accessory.

## Universal saw blade clamp

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

## Supply format

**REMS Akku-Cat 22V ANC VE Set.** Battery driven universal reciprocating saw with Vario-Electronic (VE) for free-hand sawing. 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 21.6 V battery motor, safety tip switch. Electronic stepless speed control (acceleration switch) 0 to 2,000 rpm. Li-Ion 21.6 V, 5.0Ah battery, Li-Ion 230 V, 50–60 Hz, 70 W rapid charger. Universal saw blade clamp. Hexagon key. 1 pcs REMS universal saw blade 150-1,8/2,5. In sturdy steel case.

	Art.-No.
	560052

Other voltages on request.

## Accessories

Description	Art.-No.
<b>REMS saw blades</b> see page 62–63.	
<b>REMS Akku-Cat 22V ANC VE drive unit,</b> without battery	560010
<b>Battery Li-Ion 21.6V, 5.0Ah</b>	571581
<b>Rapid charger Li-Ion 230 V, 50–60 Hz, 70 W</b>	571575
<b>Voltage supply Li-Ion 230 V/21.6 V</b> for mains operation 230 V instead of battery Li-Ion 21.6 V.	571567
<b>Steel case with inlay</b>	566030



German Quality Product



Info



3.1 kg	500 W	21.6 V	VE
ANC			



# REMS special 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

## REMS special saw blades – for right-angled sawing with force-transmitting guide holder, for 400% more sawing power.

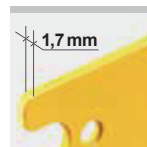
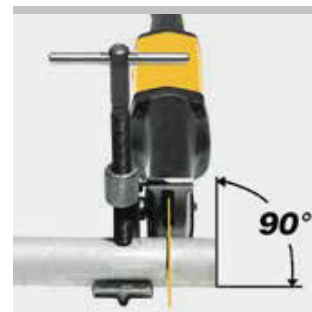
Specially developed for REMS Tiger ANC.

Absolutely essential for right angle sawing and for fast dismantling with power transmitting guide support. This produces multiple thrust pressure by a five-fold force-transmitting leverage, for 400% more sawing power. 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.



German Quality Product

REMS special saw blades → REMS Tiger, etc.	Ø inches/ Length mm	Tooth pitch mm	Material*	Teeth	Colour			Art.-No.	
REMS special saw blade 2"/140-2,5 steel pipes ≤ 2"	2"/140	2,5	HSS-Bi		yellow	5		561007	
REMS special saw blade 2"/140-3,2 steel pipes ≤ 2"	2"/140	3,2	HSS-Bi		yellow	5		561001	
REMS special saw blade 4"/200-3,2 steel pipes ≤ 4"	4"/200	3,2	HSS-Bi		yellow	5		561002	
REMS special saw blade 6"/260-3,2 steel pipes ≤ 6"	6"/260	3,2	HSS-Bi		yellow	5		561008	

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 Cat ANC VE, REMS Tiger ANC/VE/SR,  
REMS Akku-Cat 22V 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.

Many materials, e.g. wood, wood with nails, pallets, metal, even stainless steel, cast iron, breeze blocks, plaster boards, pumice stone, brick

Highly flexible, also ideal for sawing flush with the wall.

## REMS universal saw blades – for all sawing jobs.

Only 1 universal saw blade instead of many different saw blades for all sawing jobs.

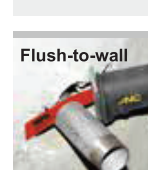
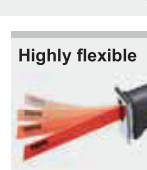
Resilient material, highly flexible, also for flush-to-wall sawing.

Double tang mounting with exceptionally wide clamping face for accurate seating and high stability. Also for sawing with power transmitting guide support.

Single tang saw blades are unable to cope with the high thrust pressure when sawing with a guide holder, they break at the clamping point.

Alternating tooth pitch (combi-teeth) for fast, smooth cut, very highly hardened in the teeth area. Straight-set teeth.

Thus outstanding cutting performance and prolonged service life.



German Quality Product



REMS universal saw blades → REMS Tiger, REMS Cat, etc.	Length mm	Tooth pitch mm	Material*	Teeth	Colour			Art.-No.	
REMS universal saw blade 100-1,8/2,5 for all sawing work	100	Combo 1,8/2,5	HSS-Bi flexible		red	5		561006	
REMS universal saw blade 150-1,8/2,5 for all sawing work	150	Combo 1,8/2,5	HSS-Bi flexible		red	5		561005	
REMS universal saw blade 200-1,8/2,5 for all sawing work	200	Combo 1,8/2,5	HSS-Bi flexible		red	5		561003	
REMS universal saw blade 300-1,8/2,5 for all sawing work	300	Combo 1,8/2,5	HSS-Bi flexible		red	5		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).







# REMS saw blades

For REMS Puma VE, REMS Cat ANC VE, REMS Tiger ANC/VE/SR, REMS Akku-Cat 22V ANC VE and other makes

## Saw blades for free-hand sawing for different materials.






















Alternating tooth pitch (combi-teeth) for fast, smooth cut, also when sawing mixed materials (wood/metal).

Flexible saw blades, also for sawing flush with wall.

-  Corrugated teeth for smooth cut with low tooth pitch.
-  Straight-set teeth for aggressive cut with coarse tooth pitch.
-  Straight teeth for saw blades with very wide carbide teeth.
-  Carbide-granulate for materials that are difficult to cut.


















German Quality Product




















REMS saw blades for metal → REMS Puma, REMS Cat, REMS Tiger, etc.	Length mm	Tooth pitch mm	Material*	Teeth	Colour			Art.-No.	
<b>REMS saw blade 150-1</b> sheet metal, metal, also stainless steel, ≥ 1.2 mm	150	1	HSS-Bi flexible		red	5		561105	
<b>REMS saw blade 200-1</b> sheet metal, metal, also stainless steel, ≥ 1.2 mm	200	1	HSS-Bi flexible		red	5		561106	
<b>REMS saw blade 90-1,4</b> , curved blade metal, also stainless steel, ≥ 1.5 mm	90	1,4	HSS-Bi		red	5		561107	
<b>REMS saw blade 150-1,4</b> metal, also stainless steel, ≥ 1.5 mm	150	1,4	HSS-Bi flexible		red	5		561104	
<b>REMS saw blade 200-1,4</b> metal, also stainless steel, ≥ 1.5 mm	200	1,4	HSS-Bi flexible		red	5		561108	
<b>REMS saw blade 100-1,8</b> metal, also stainless steel, ≥ 2 mm	100	1,8	HSS-Bi flexible		red	5		561101	
<b>REMS saw blade 150-1,8</b> metal, also stainless steel, ≥ 2 mm	150	1,8	HSS-Bi flexible		red	5		561103	
<b>REMS saw blade 200-1,8</b> metal, also stainless steel, ≥ 2 mm	200	1,8	HSS-Bi flexible		red	5		561102	
<b>REMS saw blade 200-2,5</b> metal, also stainless steel, ≥ 3 mm	200	2,5	HSS-Bi flexible		red	5		561109	
<b>REMS saw blade 280-2,5</b> metal, also stainless steel, ≥ 3 mm	280	2,5	HSS-Bi flexible		red	5		561112	

German Quality Product



REMS saw blades for wood and metal → REMS Puma, REMS Cat, REMS Tiger, etc.	Length mm	Tooth pitch mm	Material*	Teeth	Colour			Art.-No.	
<b>REMS saw blade 210-1,8/2,5</b> round tip, no sticking pallets, wood, wood with nails, metal ≥ 2.5 mm	210	Combo 1,8/2,5	HSS-Bi flexible		black	5		561113	
<b>REMS saw blade 150-2,5</b> wood, wood with nails, pallets, metal ≥ 3 mm	150	2,5	HSS-Bi flexible		black	5		561110	
<b>REMS saw blade 225-2,5</b> , extra thick, for disassembly wood, wood with nails, metal ≥ 3 mm	225	2,5	HSS-Bi		black	3		561114	
<b>REMS saw blade 300-2,5</b> , extra thick, for disassembly wood, wood with nails, metal ≥ 3 mm	300	2,5	HSS-Bi		black	3		561116	
<b>REMS saw blade 300-4,2</b> wood	300	4,2	WS		black	5		561111	
<b>REMS saw blade 225-3,2/5,0</b> wood, wood with nails	225	Combo 3,2/5,0	HSS-Bi flexible		black	5		561117	
<b>REMS saw blade 290-5,0/6,35</b> green wood	290	Combo 5,0/6,35	WS		black	5		561118	
<b>REMS saw blade 150-6,35</b> wood	150	6,35	WS		black	5		561119	



REMS saw blades for different purposes → REMS Puma, REMS Cat, REMS Tiger, etc.	Length mm	Tooth pitch mm	Material*	Teeth	Colour			Art.-No.	
<b>REMS saw blade 150-4,2</b> breeze blocks, plasterboard	150	4,2	WS		white	5		561115	
<b>REMS saw blade 225-8,5</b> breeze blocks, hard wood	225	8,5	HM		white	1		561120	
<b>REMS saw blade 300-8,5</b> breeze blocks, hard wood	300	8,5	HM		white	1		561121	
<b>REMS saw blade 400-8,5</b> breeze blocks, hard wood	400	8,5	HM		white	1		561122	
<b>REMS saw blade 235-12</b> breeze blocks, pumice, brick	235	12	HM		white	1		561123	
<b>REMS saw blade 300-12</b> breeze blocks, pumice, brick	300	12	HM		white	1		561124	
<b>REMS saw blade 300-12</b> , extra high blade breeze blocks, pumice, brick	300	12	HM		white	1		561125	
<b>REMS saw blade 200</b> cast iron etc.	200		HM-G		white	2		561126	



\* HSS-Bi: bimetal high speed steel WS: tool steel HM: carbide HM-G: carbide-granulate