

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

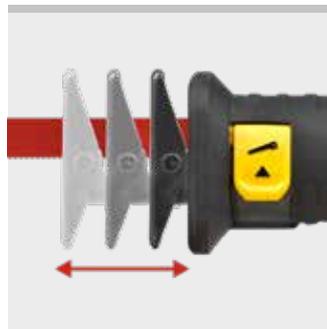
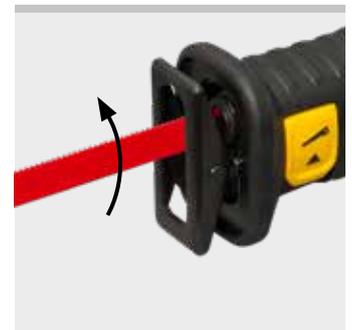
Practical saw blade holder with quick-change system for fast saw blade changing without tools. For holding single tang saw blades. Saw blade can be inserted with the teeth facing down or turned 180° facing up for cuts in confined spaces with difficult access.

REMS saw blades

Full range of REMS saw blades for free-hand sawing of different materials (page 71).

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

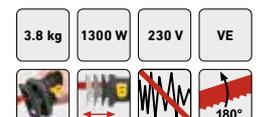
REMS Puma VE Set. Electric universal reciprocating saw with Vario-Electronic (VE) for free-hand sawing, with anti-vibration system. Drive machine with D-shaped handle with soft grip, maintenance-free crank drive, powerful 230 V, 50–60 Hz, 1,300 W universal motor, safety switch, connecting cable 4 m. 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 71.		
Steel case	566051	



REMS Cat VE

Universal electric reciprocating saw

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 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

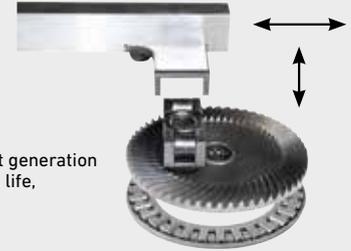
Only 1 REMS universal saw blade (page 70) for all sawing work instead of many different saw blades. Double tang for free-hand sawing and sawing with guide holder.

REMS saw blades

Full range of REMS saw blades for free-hand sawing of different materials (page 71).



ANC



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



German Quality Product



Info

Supply format

REMS Cat 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 VE drive unit	560004
REMS saw blades see page 70 – 71.	
Steel case	566005



REMS Cat 22V VE

Cordless universal reciprocating saw

Powerful, mobile, handy power tool for universal free-hand sawing. Only 3.1 kg. Ideal for assembly, dismantling, repair. Li-Ion 22V Technology. For battery and corded operation.

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 22V VE – saws anything, anywhere. Mobile, handy, light. Li-Ion 21.6V, 5.0 Ah battery, for approx. 75 1" steel pipe cuts with one battery charge*.

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. Mobile, handy, light. Drive unit with battery pack weighs only 3.1 kg. Slim form. Ergonomically shaped front housing grip with slip resistant, heat insulating protection cover with soft grip, for forceful feed forward. Practical D-shaped handle with soft grip. 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. Machine status check with overload protection of the drive unit against too high currents, with overheating protection by motor temperature monitoring (NTC), with electronic battery charging status check with charging level indication by a 2-coloured green/red LED.

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 1,900 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 21.6V battery with 4.4, 5.0 or 9.0 Ah capacity, for long service life. Light and powerful. Li-Ion 21.6V, 4.4 Ah battery, for approx. 66 1" steel pipe cuts, 5.0 Ah battery, for approx. 75 1" steel pipe cuts, 9.0 Ah for approx. 140 1" steel pipe cuts with one battery charge*. Graduated charging status check by coloured LEDs. Operating temperature range – 10 to + 60 °C. No memory effect for maximum battery power. Rapid charger 100–240V, 90W. Rapid charger 100–240V, 290W, for shorter charging times, as accessory. Voltage supply 220–240V/21.6V, 40 A output, for mains operation instead of Li-Ion battery 21.6 V, as 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.

REMS universal saw blade

Only 1 REMS universal saw blade (page 70) 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 71).



German Quality Product



Info

Supply format

REMS Cat 22V 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 1,900 rpm. Machine status check with overload protection, temperature monitoring, battery charging status check. Li-Ion 21.6V, 5.0Ah battery, 100–240V, 50–60 Hz, 90W 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.
REMS saw blades see page 70 – 71.	
REMS Cat 22V VE drive unit, without battery	560010
Battery Li-Ion 21.6V, 4.4 Ah	571574
Battery Li-Ion 21.6V, 5.0 Ah	571581
Battery Li-Ion 21.6V, 9.0 Ah	571583
Rapid charger 100–240V, 50–60 Hz, 90W	571585
Rapid charger 100–240V, 50–60 Hz, 290W	571587
Voltage supply 220–240V/21.6V, 50–60 Hz, 40A, for mains operation instead of battery Li-Ion 21.6V	571578
Steel case with inlay	566030
REMS Lumen 2800 22V, cordless LED flood light, see page 111	



* Ambient temperature approx. 20°C.

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 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 70), 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 70) 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 71).

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 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) protects motor, gear and saw blade. The electronic tachometer speed controller (REMS Tiger 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

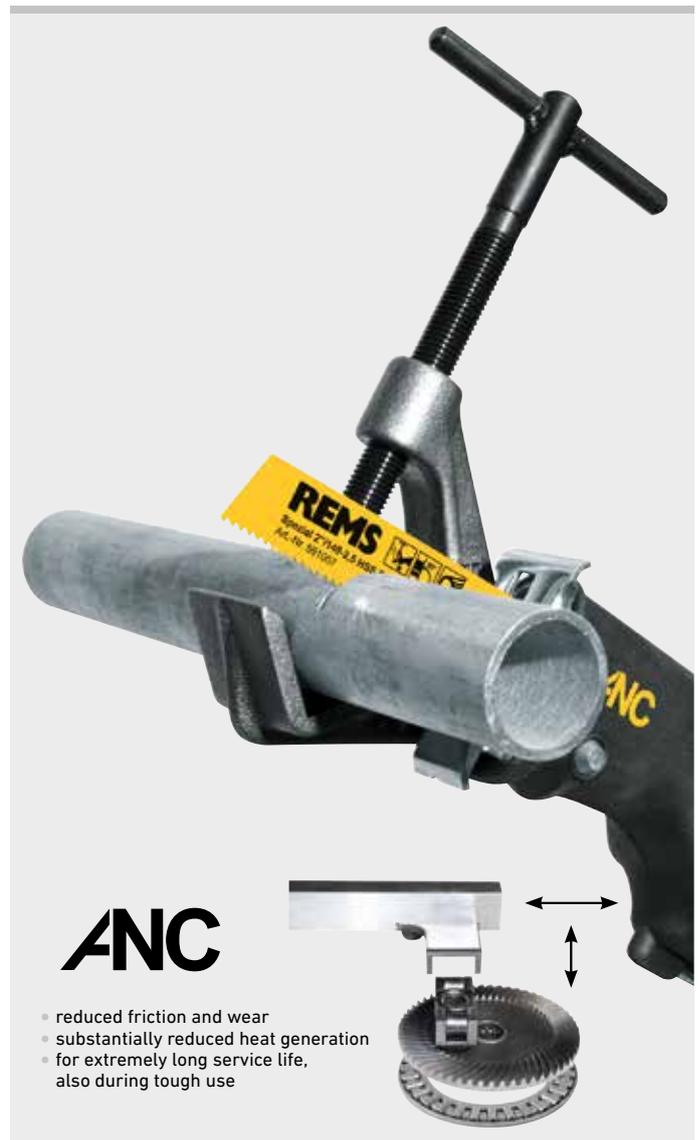
In special solid steel, mounted precisely in needle bearings towards the force direction and along the complete stroke length, for distortion-free, precise cutting also during tough use. For extremely long service life. Drive rod runs in an enclosed housing for safe work.

Oscillating drive with ANC

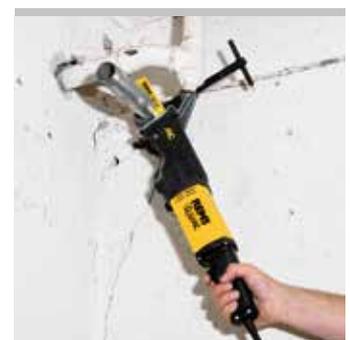
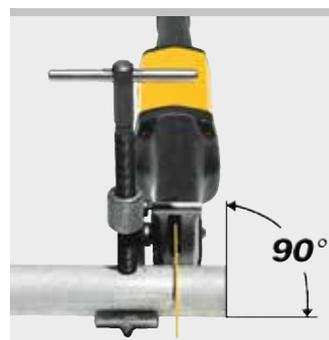
Super stable, water and dust resistant, maintenance-free oscillating drive for simultaneous generation of sawing stroke and orbital action of lift rod and saw blade. Allround needle bearing mounted crank drive (ANC) reduces friction, heat generation, wear. For long service life of drive also at extreme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



REMS Tiger/VE/SR

Electric reciprocating pipe saws

Ideal speed (REMS Tiger)

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 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 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 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 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 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.
REMS Tiger drive unit	560000
REMS Tiger VE drive unit	560008
REMS Tiger ANC SR drive unit	560001
REMS saw blades see page 70–71.	
Guide support 2" , for pipes \varnothing 1/2–2"	563000
Guide support 4" , for pipes \varnothing 2 1/2–4"	563100
Guide support 6" , for pipes \varnothing 5–6"	563200
Dual purpose holder for sawing and threading, with REMS Tiger and REMS Amigo E, Amigo, Amigo 2	543100
Protective cap for guide support 2" , 4" and 6", for clamping of thin-walled material	563008
Steel case	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 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 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, page 64–65.



German Quality Product



Info



3.8 kg 1000 W 6 bar



Supply format

REMS Tiger 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.
REMS saw blades see page 70–71.	
REMS Tiger pneumatic drive unit	560002
Guide support 2" , for pipes $\varnothing \frac{1}{8} - 2"$	563000
Guide support 4" , for pipes $\varnothing 2\frac{1}{2} - 4"$	563100
Guide support 6" , for pipes $\varnothing 5 - 6"$	563200
Dual purpose holder for sawing and threading, with REMS Tiger and REMS Amigo E, Amigo, Amigo 2	543100
Protective cap for guide support 2", 4" and 6" , for clamping of thin-walled material	563008
Steel case	566051





REMS

Spezial 2" / 140-3,2 HSS-Bi Made in Germany
Art.-Nr. 501001

ANC

REMS
22V VR

REMS
22V OPEN

REMS
22V

REMS 22V 9.0

REMS 55A 8.0

REMS

Powerful, mobile, 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 3.4 kg. Ideal for assembly, dismantling, repair. Li-Ion 22V Technology. For battery and corded operation.

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

REMS Tiger 22 V VE – the saw for the pipe fitter.

Saws effortless, fast, right angle. Mobile, handy, light. Li-Ion 21.6V, 9.0Ah battery, for approx. 80 1" steel pipe cuts with guide holder for approx. 140 1" steel pipe cuts without guide holder with one battery charge*.

Power-transferring guide support

400% additional sawing force for effortless, super fast sawing, e.g. 2" steel pipe in only 11 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.

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 70), 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 70) 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 71).

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. Mobile, handy, light. Drive unit with battery pack weighs only 3.4 kg. Slim form. Can be used anywhere. Ergonomically shaped front housing grip with slip resistant protection cover for forceful feed forward during free-hand sawing. Practical D-shaped handle with soft grip. 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. Machine status check with overload protection of the drive unit against too high currents, with overheating protection by motor temperature monitoring (NTC), with electronic battery charging status check with charging level indication by a 2-coloured green/red LED.

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.

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 1,900 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.



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

German Quality Product



Battery or mains operation

Li-Ion 22V Technology. Highly resistant Li-Ion 21.6V battery with 9.0 Ah capacity, for long service life. Light and powerful, for approx. 80 1" steel pipe cuts with guide holder or approx. 135 1" steel pipe cuts without guide holder with one battery charge*. Graduated charging status check by coloured LEDs. Operating temperature range - 10 to + 60 °C. No memory effect for maximum battery power. Rapid charger 100-240V, 90W. Rapid charger 100-240V, 290W, for shorter charging times, as accessory. Voltage supply 220-240V/21.6V, 40A output, for mains operation instead of Li-Ion battery 21.6 V, as 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 Tiger 22 V VE Set. Cordless pipe reciprocating saw with Vario Electronics (VE) for effortless, fast, right-angled sawing with guide holder and for free-hand sawing. Drive unit with spade handle, maintenance-free, water and dust proof oscillation drive with all-round needle bearing crank drive (ANC), aggressive orbital stroke, powerful 21.6V, 500 W battery motor, safety switch. Continuous, electronic stroke speed control (accelerator switch) 0 to 1900 rpm. Machine status check with overload protection, temperature monitoring, battery charging status check. Li-Ion 21.6V, 9.0Ah battery, 100-240V, 50-60 Hz, 90W rapid charger. 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.
	560053

Other voltages on request.

Accessories

Description	Art.-No.
REMS Tiger 22 V VE drive unit, without battery	560011
REMS saw blades see page 70 - 71.	
Guide support 2" , for pipes \varnothing 1/2 - 2"	563000
Battery Li-Ion 21.6V, 9.0 Ah	571583
Rapid charger 100-240V, 50-60 Hz, 90W	571585
Rapid charger 100-240V, 50-60 Hz, 290W	571587
Voltage supply 220-240V/21.6V, 50-60 Hz, 40A , for mains operation instead of battery Li-Ion 21.6V	571578
Steel case with inlay	566030
REMS Lumen 2800 22V , cordless LED flood light, see page 111	



* Ambient temperature approx. 20°C.

REMS special saw blades

For REMS Tiger/VE/SR, Tiger pneumatic, Tiger 22V VE 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.

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 SR with electronic speed regulation (page 65).

REMS universal saw blades

For REMS Cat VE, Tiger/VE/SR, Cat 22V 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.

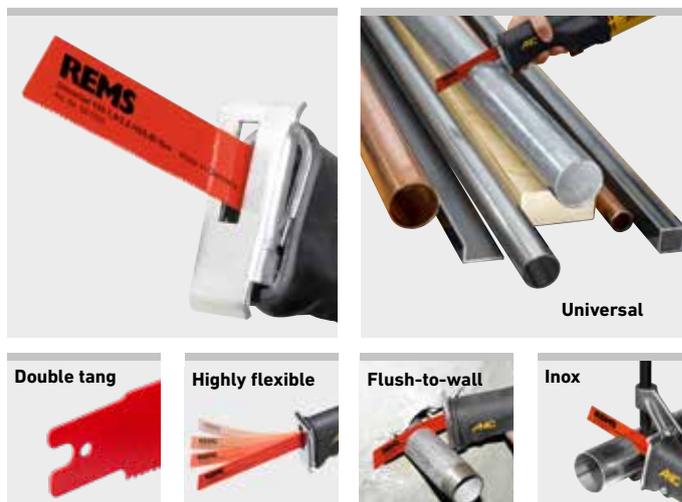
Only 1 universal saw blade instead of many different saw blades for all sawing jobs.

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 SR with electronic speed regulation (page 65).

REMS saw blades

For REMS Puma VE, Cat VE, Tiger/VE/SR, Cat 22V VE, Tiger 22V 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.
REMS saw blade 150-1 sheet metal, metal, also stainless steel, ≥ 1.2 mm	150	1	HSS-Bi flexible		red	5		561105
REMS saw blade 200-1 sheet metal, metal, also stainless steel, ≥ 1.2 mm	200	1	HSS-Bi flexible		red	5		561106
REMS saw blade 90-1.4 , curved blade metal, also stainless steel, ≥ 1.5 mm	90	1.4	HSS-Bi		red	5		561107
REMS saw blade 150-1.4 metal, also stainless steel, ≥ 1.5 mm	150	1.4	HSS-Bi flexible		red	5		561104
REMS saw blade 200-1.4 metal, also stainless steel, ≥ 1.5 mm	200	1.4	HSS-Bi flexible		red	5		561108
REMS saw blade 100-1.8 metal, also stainless steel, ≥ 2 mm	100	1.8	HSS-Bi flexible		red	5		561101
REMS saw blade 150-1.8 metal, also stainless steel, ≥ 2 mm	150	1.8	HSS-Bi flexible		red	5		561103
REMS saw blade 200-1.8 metal, also stainless steel, ≥ 2 mm	200	1.8	HSS-Bi flexible		red	5		561102
REMS saw blade 200-2.5 metal, also stainless steel, ≥ 3 mm	200	2.5	HSS-Bi flexible		red	5		561109
REMS saw blade 280-2.5 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.
REMS saw blade 210-1.8/2.5 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
REMS saw blade 150-2.5 wood, wood with nails, pallets, metal ≥ 3 mm	150	2.5	HSS-Bi flexible		black	5		561110
REMS saw blade 225-2.5 , extra thick, for disassembly wood, wood with nails, metal ≥ 3 mm	225	2.5	HSS-Bi		black	3		561114
REMS saw blade 300-2.5 , extra thick, for disassembly wood, wood with nails, metal ≥ 3 mm	300	2.5	HSS-Bi		black	3		561116
REMS saw blade 300-4.2 wood	300	4.2	WS		black	5		561111
REMS saw blade 225-3.2/5.0 wood, wood with nails	225	Combo 3.2/5.0	HSS-Bi flexible		black	5		561117
REMS saw blade 290-5.0/6.35 green wood	290	Combo 5.0/6.35	WS		black	5		561118
REMS saw blade 150-6.35 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.
REMS saw blade 150-4.2 breeze blocks, plasterboard	150	4.2	WS		white	5		561115
REMS saw blade 225-8.5 breeze blocks, hard wood	225	8.5	HM		white	1		561120
REMS saw blade 300-8.5 breeze blocks, hard wood	300	8.5	HM		white	1		561121
REMS saw blade 400-8.5 breeze blocks, hard wood	400	8.5	HM		white	1		561122
REMS saw blade 235-12 breeze blocks, pumice, brick	235	12	HM		white	1		561123
REMS saw blade 300-12 breeze blocks, pumice, brick	300	12	HM		white	1		561124
REMS saw blade 300-12 , extra high blade breeze blocks, pumice, brick	300	12	HM		white	1		561125
REMS saw blade 200 cast iron etc.	200		HM-G		white	2		561126



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