



HP13 SERIES POWER UNIT

The HP13 series are small compact hydraulic power unit designed to provide power for hydraulic tools.
Available as:
HP13-20 with a flow of 20 Lpm or
HP13-30 with a flow of 30 Lpm



Technical Data	
Engine Type	Honda 13hp
Flow	(HP13-20): 20 Lpm (HP13-30): 30 Lpm
Pressure Range	70~140 bar
Dimensions	780 x 510 x 600 mm
Weight	75 kg

HP18 SERIES POWER UNIT

The HP18 series are small compact hydraulic power unit designed to provide power for hydraulic tools.
Available as:
HP18-30 with a flow of 20/30 Lpm or
HP18-40 with a flow of 30/40 Lpm



Technical Data	
Engine Type	B&S 18Hp
Flow	(HP18-30): 1 x 20/30 Lpm (HP18-40): 1 x 30/40 Lpm
Pressure Range	70~140 bar
Dimensions	900 x 590 x 740mm
Weight	120 kg

HP23-40 POWER UNIT

The HP23-40 is a compact hydraulic power unit designed to provide power for hydraulic tools.



Technical Data	
Engine Type	B&S 23Hp
Flow	2 x 20 Lpm or 1 x 30/40 Lpm
Pressure Range	70~140 bar
Dimensions	1020 x 610 x 770 mm
Weight	135 kg

TG6000 16KVA GENERATOR

Powered by a 23hp Honda petrol engine, The Traxx TG6000 is a single and 3 phase generator designed for the Professional Contractor.
Fitted standard with:

- 2 x 15 amp single phase RCD controlled outlets
- 1 x 32 amp 3 phase RCD controlled outlets

Powerful enough to run all of your hand held High Cycle saws and drills at maximum performance.



Technical Data	
Rated Power / Power Output	15 KVA Max / 16 KVA
Rated Frequency	220/230/240V/380V 50/60 Hz
Rated Current	43.5A
Phase	Single phase
Fuel Tank Capacity	25L
Lubricating Oil Capacity	1.5L
Engine	Honda GX690
Engine Type	Double cylinder, 4-stroke, OHV, forced air-cooling
Rated Power	14.9kw/3600rpm
Displacement	725ml(cu.in)
Sound Pressure	75dB
Weight	190 Kg
Dimensions	780L x 1000W x 770H mm

RFP50 FLOW / PRESSURE CONTROL VALVE

RFP 50 is a hydraulic valve for the control of flow and pressure. The output line is controlled by two cartridges, one for flow and one for pressure.

The RFP50 valve is available in two configurations:

A - with fixed flow regulation, in this version the regulated flow is fixed and preset at the factory and cannot be changed. Customer must require, when ordering, the needed regulated flow.

B - with adjustable flow regulation. Flow must be regulated by customer Both versions of valve have the pressure regulation.

Technical Data	
Dimension	130 X 100 X 50mm
Weight	3kg
PRIMARY CIRCUIT	
Max incoming flow	50 L/min
Max incoming pressure	210 Bar
REGULATED CIRCUIT	
Regulated flow	5 - 45 L/min
Regulated pressure	10 - 200 Bar
Tolerance on regulations	± 5 %





MULTI SHEAR - 3 TOOLS IN 1

Extremely quick and quiet, the multi-shears allows you to work in any environment, minimising noise, dust and vibrations.

It is based on a modular system consisting of one main body and interchangeable blades sets. In a few steps it can be easily converted into 3 different tools the CC300, MS250 and CS350.

Extremely versatile and functional; it is an indispensable partner for demolitions inside inhabited buildings or densely populated areas and the right tool to complete the TEHMA SP400 hydraulic concrete and rock splitter.

Wear-resistant interchangeable steel insert

Double-toothed blade with chain attachment point

Cylinder and components in aeronautical grade alloy

Fast jaws approach-reopening mechanism

Ergonomic handle for a better grip in any condition

Extremely hard interchangeable steel tip

NO DANGEROUS VIBRATIONS

NOISE AND DUST FREE

EXTREMELY POWERFUL

LIGHT AND EASY TO USE



CC300 CONCRETE CRUSHER

The CC300 hand held hydraulic concrete crusher is a portable tool developed for concrete cutting and controlled demolitions inside buildings. Its low weight, combined with its extreme power and friendly use, make this manual shear ideal for crushing reinforced concrete structures quickly and accurately, without generating vibrations and by limiting noise and dust. The absence of these factors allows to work where they are not allowed, such as condominiums, offices, schools, hospitals, interior demolitions in general; and at the same time to preserve the physical integrity of the operator who use the equipment, ensuring maximum safety to all those involved in the demolition.

Technical Data

Weight	22.5 kg
Dimensions (L x W x H)	850 x 350 x 190 mm
Mouth Opening	315 mm
Mouth Depth	150 mm
Demolition Force	101 kN
Pressure	620 Bar



APPLICATIONS

- For demolitions where it is necessary to preserve the integrity of the structure/building avoiding dangerous vibrations (historical buildings, luxury apartments, structures that could fall down).
- Wherever it is important to intervene quickly and cleanly without generating dust (hospitals, production departments of companies).
- For any demolition respecting noise levels during the whole day (condos, offices, schools).
- Where due to space restrictions or transportability it is impossible to use bigger and heavier machinery (building upper floors, aerial platforms or in confined spaces such as basements).
- Interventions in presence of water and underwater demolitions.
- U.S.A.R. use (Urban Search and Rescue), where it is necessary to help the victims trapped under the rubble caused by earthquakes, floods and explosions due to gas leaks

[Buy the CC300 Concrete Crusher Here](#)





MS250 METAL SHEARS & GS170 METAL SHEARS WITH GUIDE BLADE

The MS250 is a portable hand held hydraulic shear cutter and the GS170 is a portable hand held hydraulic shear cutter with a blade guide. Both quickly cut profiled metal structures securely, without dangerous splinters or sparks. The duckbill blades are designed with a special geometry that allows to retain and push towards the center the object that is being cut, preventing it from slipping out. The interchangeable metal insert always ensures the best cutting performance and long life of the blade.

APPLICATIONS

- Cutting of metal profiles and structures reinforcements (steel meshes, iron rods and rebars).
- Cutting of pipes and cables of low and medium resistance (cables for telecommunications, electrical and submarine, decommissioning of nuclear plants, wire ropes).
- Recycling of precious car parts such catalytic converters and mufflers.
- Interventions in the presence of water and underwater demolitions.
- Rescue interventions for the extrication of victims after accidents.

[Buy the MS250 Metal Shears Here](#)

[Buy the GS170 Guide Blade Here](#)



Technical Data	MS250	GS170
Weight	20.5 kg	20.5 kg
Dimensions (L x W x H)	810 x 240 x 190 mm	810 x 240 x 190 mm
Mouth Opening	250 mm	170 mm
Mouth Depth	135 mm	135 mm
Cutting Separation	450 kN	450 kN
Pressure	620 Bar	620 Bar



MS250 IN ACTION



GS170 IN ACTION



CS350 COMBI SHEARS

The CS350 TEHMA portable handheld hydraulic combi shear spreader cutter allows to cut and separate profiled metal structures securely, without dangerous splinters or sparks. The teeth on the tips ensures a firm grip on every type of object and structure that is intended to be separated or spread while the special internal geometry allows the cutting of reinforcements and iron rods at different heights for the best use of the blade.

Technical Data	
Weight	19.5 kg
Dimensions (L x W x H)	850 x 240 x 190 mm
Mouth Opening	360 mm
Mouth Depth	135 mm
Cutting Separation	360/95 kN
Pressure	620 Bar



APPLICATIONS

- Removal of radiators and frames for doors and windows from walls.
- Cutting of metal profiles and structures reinforcements (steel meshes, iron rods and rebars).
- Cutting metal sheets and scraps.
- Quick separation of blocks of reinforced concrete structures previously demolished. (by means of TEHMA CC300 concrete crusher or TEHMA SP400 hydraulic concrete and rock splitter).
- Recycling of precious car parts such catalytic converters and mufflers.
- Interventions in the presence of water and underwater demolitions.
- Rescue interventions for the extrication of victims after accidents.
- Use of pulling chains to increase the action radius of the tool.

[Buy the CS350 Combi Shears Here](#)





SP400 CONCRETE SPLITTER

TEHMA SP400 Concrete and rock splitter represents the state of art for tools of this kind and is the ideal tool for demolishing rocks and high thickness concrete structures such as pillars, plinths, retaining walls, industrial floors and foundations.

Activated by a one single operator, demolishes easily and quickly ensuring clean operations without dust and mud, but above all without noise, percussions and vibrations that are usually the cause of structural damages and discomfort to the surrounding environment.

[Buy the SP400 Concrete Splitter Here](#)

Technical Data	
Splitting Force	375 t
Splitting Distance	17 mm
Required drill hole diameter	45-50 mm
Minimal drill hole depth	440 mm
Weight	23.5 kg
Pressure	620 bar
Dimensions (L x W x H)	1020 x 195 x 195 mm



HYDRAULIC SPLITTING

Rock and concrete have a low tensile strength, therefore, by applying the hydraulic force to a wedge, it is possible to demolish large portions of material in a few seconds without incurring negative aspects such as noise, vibration and dust. The hydraulic splitting ensures quiet and cost effective interventions with compact and easy to transport equipment.



HOW IT WORKS

1. On the object to be demolished, a hole is drilled to a specified diameter and depth using a rock drill or a core drill with diamond tool.
2. The splitter cylinder is inserted into the hole with the central wedge in a retracted position.
3. The operator directs the rear handle depending on the desired splitting direction and then activates the tool with the control cam.
4. The hydraulic pressure forces the wedge between the two counter wedges, pressing them against the walls of the drilled hole until the force discharged exceeds the strength of the material and generates a crack.
5. The process is repeated until the whole structure is broken into sections, varying in size depending on the operator's needs and equipment, ready to be removed and disposed of.

APPLICATIONS

- Demolition of reinforced concrete structures with a high thickness (such as foundations, floor slabs, stairways, plinths, pillars, bridge decks, bridge abutments, retaining walls).
- Demolition of large rocks resulting from excavations and trenches, mines enlargements, tunneling or resulting from previous processes.
- Wherever it is important to intervene quickly and cleanly without generating dust (hospitals, data centres, production departments of companies).
- For any demolition respecting noise level during the whole day (condos, offices, schools).
- Demolitions of structures particularly vulnerable to vibrations and percussions (historical buildings, luxury apartments, structures that could fall down).
- Wherever for reasons of space or transportability it is impossible to use bigger and heavier machinery (upper floors, aerial platforms or in confined spaces such as basements).
- Production of natural stone blocks without resorting to blasting, ensuring more safety and less material waste.





PP600 POWER PACK

TEHMA PP600 is the perfect choice between reliability and simplicity an excellent solution for building sites and rescue operations. It can be combined with the multi-functional trolley TR200/SK200.

The PP600 Power Pack has been developed to meet the operator's needs. Extremely compact and powerful it is easy to carry and use in every situations. Thanks to its reinforced rubber feet and its solid structure, it has no fear of hits and dust.

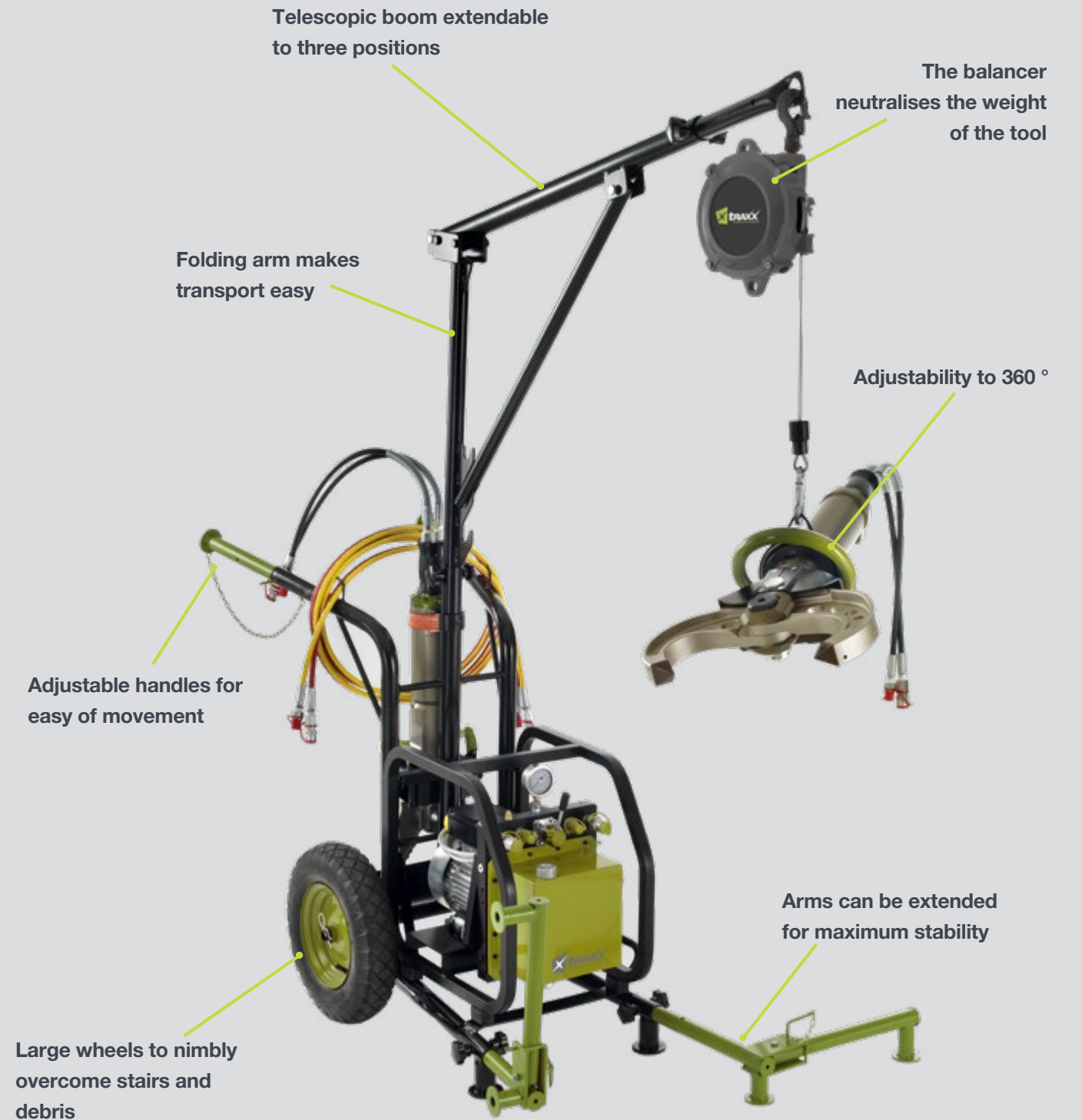
Its two-stage pump doubles speed and minimises the downtime when approaching and reopening the blades, in this way cutting speed/ frequency and productivity are significantly increased.

On demand, it can be equipped with a dual fan cooling system able to always keep the maximum temperature under control.

The unit is available with two different motors, a versatile 3Hp single-phase electric motor, ideal for indoor demolition as it can be plugged to a traditional 230V/110V household power, or a 5Hp gasoline engine for outdoor uses

[Buy the PP600 Power Packs Here](#)

PP600 (E) Electric	
Flow at 1° stage	5.4 L
Flow at 2° stage	1.2 L
Power	2.2 Kw
Motor	Electric single-phase 230 V
Weight	46.5 Kg
Pressure	Adjustable up to 700 bar
Dimensions (L x W x H)	520 x 360 x 500 mm
PP600 (S) Petrol	
Flow at 1° stage	5.4 L
Flow at 2° stage	1.2 L
Power	3.6 kW, 5 Hp
Motor	Gasoline Honda engine
Weight	54.5 Kg
Pressure	Adjustable up to 700 bar
Dimensions (L x W x H)	710 x 435 x 530 mm



TR200/SK200

Trolley and Suspension Kit

Agile and robust, the TEHMA TR200 Trolley is not afraid of stairs and debris. Thanks to large wheels and a low weight it is possible to carry the equipment easily and in complete autonomy.

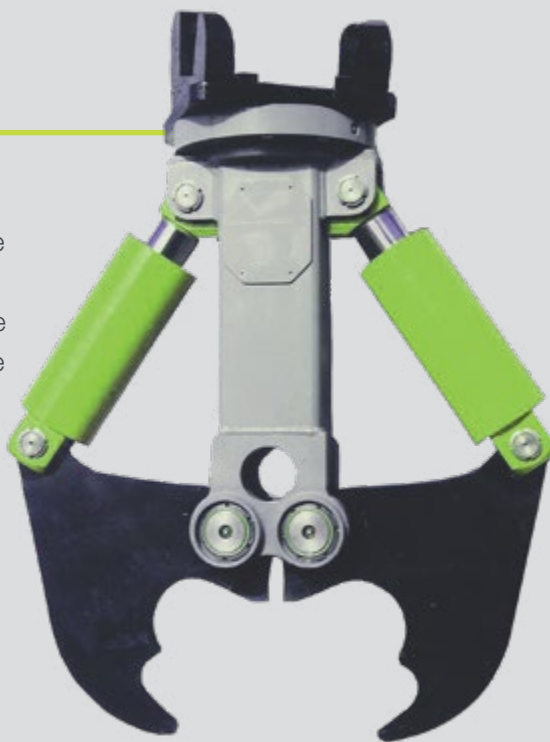
Equipped with the TEHMA SK200 Suspension kit, the trolley can be quickly transformed into a highly functional mobile workstation, allowing to work with minimal effort during long periods.

[Buy TK200/SK200 Trolley and Suspension Kit Here](#)

DC350 CONCRETE CRUSHER

The hydraulic propulsion of the concrete crusher DC350 is done via two cylinders. With a pressure of 250 bars, it achieves a crushing strength of 32 tonnes. In the rear section of the jaws, there is an iron cutter that permits the cutting of 30 mm reinforced concrete. The feed cables to the HD cylinders are all mounted in the interior of the crusher to avoid any damage. The entire crusher can be rotated endlessly 360 degrees without the feed cables of the support vehicle being wrapped around the crusher.

Technical Data	
Max Pressure Power	34 to
Weight	34 kg
Max Operation Power	250 bar
Oil Flow	30-60 L/min



CHV08 CHIPPING HAMMER

The CHV08 is a small lightweight chipping hammer designed for light duty chipping. It is commonly used for masonry repair and demolition and the short head length makes it ideal for applications in confined spaces. The heat insulated handle and ergonomic design allows for easy operation and precision. With the light weight of the CHV08 applications over head or in tight spaces are made simple.

Features

- Light 8 Kg tool weight
- Heat insulated handle
- independent nitrogen chamber for easy maintenance
- Ergonomic two handle design

Optional Accessories

- Moil Point 15mm Shank
- Chisel 15mm Shank

Technical Data	
Weight	8 Kg
Pressure	14 bar
Flow Range	26-34 lpm
Connector	3/8 inch Male Pipe Hose End
Length	50 cm
System Type	OC
Porting	SAE 8 O-Ring



HYDRAULIC SET FOR RESCUE

The hydraulic set is the more efficient response in rescue operations after earth quakes and building down falls. When talking about efficiency in extreme conditions no other type of equipment can give together the same advantages of this set. The rescuers know well the number of problems consequent to earth quakes or other disasters in urban areas with persons under the rubble, problems are many and require different solutions case by case. The set can fit into the majority of situations.

SPEED AND POWER

Speed and power are always imperative necessities in rescue. Hydraulic tools are the best answer when time and power have to be without compromise, their unbeatable power to weight ratio guarantees that no other tool type can be more efficient and fast.

DEMOLITION WITH BREAKERS

To avoid creating dangerous situations for people under the rubble, then hydraulic breakers are the perfect solution to have high demolition performance and operation in all conditions and positions. Low noise, no pilferage on operators and dust, no problem in working even under mud or water

EASY TRANSPORTABILITY AND EXCELLENT MANEUVERABILITY IN ALL TERRAINS AND CONDITIONS

The set is very compact and easy to transport and to position, particularly when operations have to be done on rough terrains or on rubble and in not easily accessible situations the power packs can be lifted and positioned everywhere. They can easily operate in the rain the ice or in tropical conditions.



HYDRA SAWS

Cut floors and walls with equal ease thanks to RGC HydraSaws. RGC HydraSaws use hydraulic direct drive power to maintain constant cutting speeds and torque without belts, pulleys, excessive noise or exhaust fumes. The hydraulic saws can be used in any orientation – vertical, horizontal and everything in between. With your choice of blade diameter – 14”, 16”, 20” or 24” – there’s no job, or direction, that can’t be handled. Because the HydraSaw operates in a closed system it is virtually maintenance free. All RGC HydraSaws include guard, water attachment for wet cutting, hose whips with flush-face fittings and trigger lockout and are compatible with both 5GPM to 8GPM hydraulic power supplies.

Features:

- Perfect for cutting depths of 133 to 241 mm
- Dual function trigger for automatic wet cutting
- Lightweight, rugged steel tube construction is lighter than gas saws.
- Use inside or outside with no exhaust pollutants.
- Accepts abrasive or diamond blades
- The TS14 Trench Saw is ideal for foundation work and in close quarters.
- Cuts concrete, stone, brick, block, pipe, reinforced concrete, steel and aggregates quickly and cleanly.

Technical Data	S14	TS14	S16	S20	S24
Blade Size	355 mm	355 mm	406 mm	508 mm	610 mm
Cutting Depth	133 mm	133 mm	152 mm	190 mm	240 mm
Blade Speed	4100 RPM	4100 RPM	2750 RPM	1830 RPM	1455 RPM
Flow	20-30 LPM	20-30 LPM	20-30 LPM	20-30 LPM	20-30 LPM
Pressure Range	138-172 bar	138-172 bar	138-172 bar	138-172 bar	138-172 bar
Weight	12.7 Kg	13.6 Kg	17.7 Kg	23.6 Kg	24.5 Kg



FS20 FLUSH CUT SAW

Move up in the world or down deep into a project with RGC’s FS20 Flush Cut Saw. The FS20 uses hydraulic direct power to maintain constant cutting speeds and torque without belts, pulleys, excessive noise or exhaust fumes. Because the FS20 operates in a closed hydraulic system , it is virtually maintenance free. With the FS20 it is possible to cut flush with a perpendicular surface making it ideal for wall corner cuts. Use it with the Upright Handle attachment for easy wall cutting at the floor level. This combination is also the right choice for curb cutting. The FS20 allows for closer, more accurate flush cuts against flat surfaces ranging from concrete walls to curbs and driveways.

Features:

- Perfect for cutting depths of 203 mm
- Cuts flush to perpendicular surfaces, such as walls and curbs
- Cuts vertically, horizontally and underwater
- Heavy duty hydraulic motor provides constant cutting speed under load
- Modular frame design permits easy replacement of parts
- Dual function trigger for automatic wet cutting
- Lightweight, rugged steel tube construction is lighter than gas saws.
- Use inside or outside with no exhaust pollutants.
- Accepts abrasive or diamond blades
- Cuts concrete, stone, brick, block, pipe, reinforced concrete, steel and aggregates quickly and cleanly



Technical Data	
Blade Size	508 mm
Cutting Depth	203 mm
Blade Speed	1830 RPM
Flow	30 LPM
Pressure Range	138-172 bar
Weight	17.2 Kg





HYDRACUTTER C150

The RGC HydraCutter C150™ saw is the most heavy duty chainsaw available, making it the right tool for crews who need to cut concrete, brick, block and stone all day, every day. With options available for both 30 LPM and 45 LPM power supplies, the HydraCutter C150™ is robust and fast, while requiring less maintenance thanks to its closed hydraulic system. A dual-function trigger starts and stops the saw and a cast aluminum ergonomic frame enhances cutting precision while reducing operator fatigue.

Based on your needs, choose between:

- 30 LPM at 2000 to 2500 psi cutting power
- 45 LPM at 2000 to 2500 psi cutting power
- An S-series chain for cutting medium-soft to very hard aggregate with moderate to heavy steel reinforcing
- An L-series chain for cutting newer concrete, brick and concrete block without steel reinforcing
- Your choice of a 381, 508 or 762 mm tapered bar with a roller nose sprocket and internal water ports for maximum bar and chain life

Technical Data	30 LPM 381mm	30 LPM 508mm	45 LPM 381mm	45 LPM 508mm	45 LPM 762mm
Cutting Depth	381 mm	508 mm	381 mm	508 mm	762 mm
Bar Size	559 x 102 mm	665 x 102 mm	559 x 102 mm	665 x 102 mm	883 x 102 mm
Flow	30 LPM	30 LPM	45 LPM	45 LPM	45 LPM
Pressure Range	138 - 172 bar	138 - 172 bar	138 - 172 bar	138 - 172 bar	138 - 172 bar
Water Flow	9 LPM @ 3 bar	9 LPM @ 3 bar	9 LPM @ 3 bar	9 LPM @ 3 bar	9 LPM @ 3 bar
Weight (w/o bar and chain)	14 Kg	14 Kg	14 Kg	14 Kg	14 Kg



HYDRACUTTER C100

The RGC C100 HydraCutter provides all the capabilities of the bigger C150 saw, just on a slightly smaller scale. With a bar length of 381mm, the C100 is the perfect weight for jobs that demand rugged, dependable tools without all the heft. Don't compromise efficiency and accuracy, the C100 HydraCutter does it all in a size that fits just right.

Available with your choice of diamond-segmented chains:

- An S-series chain for cutting medium-soft to very hard aggregate with moderate to heavy steel reinforcing
- An L-series chain for cutting newer concrete, brick and concrete block without steel reinforcing

Technical Data	
Cutting Depth	381mm
Flow	30 LPM
Pressure Range	138 - 172 bar
Water Flow	9.5 LPM @ 3.5 bar
Weight	8 Kg

HYDRACUTTER C50

The RGC C50 HydraCutter is the pint-sized powerhouse for all your chainsaw needs saw that offers a powerful motor and dual-function trigger to control the start/stop of the tool maintaining safety. Its light weight aluminum construction is ergonomically designed enhances precision of cutting while reducing operator fatigue. With a choice of a 330 or 381mm bar, featuring a roller nose sprocket and internal fluid passages for maximum bar and chain life, the C50 HydraCutter doesn't skimp on ability, operating at 30 lpm and 138 to 155 bar. There's nothing small about that.

Available with your choice of diamond-segmented chains:

- An S-series chain for cutting medium-soft to very hard aggregate with moderate to heavy
- An L-series chain for cutting newer concrete, brick and concrete block without steel reinforcing

Technical Data	330mm Bar	381mm Bar
Cutting Depth	330mm	381 mm
Bar Size	381 x 570 mm	432 x 570 mm
Flow	30 LPM	30 LPM
Pressure Range	138 - 172 bar	138 - 172 bar
Water Flow	9.5 LPM @ 3.5 bar	9.5 LPM @ 3.5 bar
Weight	7.3 Kg	7.3 Kg





CS11 DIAMOND CHAIN SAW

The CS11 is a 330mm diamond chain saw with a 3200W motor and up to 300mm plunge cutting depth. Excellent for precise corner cut outs with no overcuts.

- 3200W motor with electronic overload and thermal protection
- Load warning lamp for maximum efficiency
- Reed type switch is impervious to dust or water.
- Wide base for setting the tool down
- Externally accessible brushes.
- Integrated water feed system
- Hand guard



Technical Data	
Power	220V:2700W (certificate) 3200W (actual) 110V:2300W (certificate) 3000W (actual)
Voltage	20-240V 50/60Hz 110-120V 50/60Hz
No Load	9350 min ⁻¹
Linear Speed	20.65m/s
Guide Bar Length	330mm
Diamond Chain	25 link
Max Cutting Depth	300mm
Dimensions	630 (930 with guide bar) x 215 x 280mm
Weight	8 Kg (8.94 Kg with guide bar and chain)

CS18 CONCRETE SAW

Concrete chainsaw with 6500 W high frequency permanent magnet synchronous motor. Excellent for deep plunge cuts and precise corner cut outs with no overcuts.

- 6500 W, water cooled, permanent magnet motor for outstanding power and efficiency.
- Constant speed is maintained regardless of load.
- LED load indicator allows cutting at maximum efficiency
- Hall effect-type switch is waterproof and dustproof
- Dual plane horizontal and vertical spirit levels for precise alignment
- Bumper Spike for increased leverage
- Wide base for setting tool down and making adjustments



Technical Data	
Power	3ø ~380-480 V 6500 3ø ~220-240 V 5500 W 1ø~200-240 V 5500W (32A), 3600W (16A)
No Load	8500/min
Linear Speed	20.7 m/s (3/8") , 25.7 m/s (0.444")
Pitch	3/8" or 0.444"
Guide Bar Length	12" , 14" , 16" or 19"
Max Cutting Depth	460 mm (w / 16" Bar)
Max Cutting Depth	470 mm (w / 19" Bar)
Dimensions	635 mm x 250 mm x 316 mm
Weight	8.85 kg (19.5 Lbs)



890PG HYDRAULIC-POWERED UTILITY CHAIN SAW

If you're looking for the highest level of performance and cutting capability, look no further. The 890PG Hydraulic-Powered Utility Chain Saw offers cutting depths up to 635mm in ductile iron, cast iron, PVC, HDPE, and Insituform lining. The deep cutting ability of the 890PG with PowerGrit® utility chain, allows the operator to make a single cut from one side meaning less excavation is required. The 890PG is also capable of operating the full-line of 890F4 ProFORCE™ concrete cutting chains, meaning you can use the saw on masonry, even reinforced concrete - perfect for pipe taps, utility work, and other utility applications.



Technical Data	30 lpm	45 lpm
Weight	12.4 kg	12.4 kg
Bar Length	Up to 63 cm	Up to 63 cm
Motor Speed	6100 rpm	6500 rpm
Dimensions	585 L x 265 x 240 H mm	585 L x 265 x 240 H mm
Torque	13.8 Nm	19.2 Nm
Power	4.6 kW	6 kW
Hydraulic Supply	30 lpm @ 172.5 bar	45 lpm @ 172.5 bar
Noise Level	98 dB @ 1 m (Sound pressure) 107 dB @ 1 m (Sound power)	98 dB @ 1 m (Sound pressure) 107 dB @ 1 m (Sound power)
Vibration Level	2 m/s; 2 (front handle) 6 m/s 2 (rear handle)	2 m/s; 2 (front handle) 6 m/s 2 (rear handle)
Water Supply	Minimum 1.5 bar	Minimum 1.5 bar

814PRO HYDRAULIC-POWERED CONCRETE CHAIN SAW

The 814PRO Hydraulic-Powered Concrete Chain Saw may be small, but has as much power as its big brother the 890 Series, the 814PRO is ready for the big jobs. Lighter than other hydraulic saws with the ability fit into small spaces and to cut perfectly square openings as small as 9 cm, the 814PRO is a natural for utility work and other applications where a mix of portability and power are required.



Technical Data	
Weight	6.8 kg
Bar Length	Up to 32 cm
Motor Speed	8800 rpm
Torque	9.4 Nm
Dimensions	363L x 113W x 92H mm
Power	8.4 kW
Hydraulic Supply	30 lpm @ 172.5 bar
Noise Level	88 dB @ 1 m
Vibration Level	3.5 m/s; 2 (front handle)
Water Supply	Minimum 1.5 bar



680ES GAS-POWERED CONCRETE CHAIN SAW

The 680ES is a Gas-Powered Concrete Chain Saw built to meet the operation and flexibility demands of the general construction user, the 680ES stands alone in terms of reliability and value. Easy to start with a new multifunction lever to control choke, run, and stop functions. The distinctive black powerhead houses specially designed carburetion and ignition systems that work together to ensure easy starting, cooler operation and dependable performance at just about any elevation. Available with 30cm and 35cm guide bars and the entire line of MAX series diamond chain.

- Polyester air filter designed specifically for wet cutting
- Extended drive sprocket adapter offers easy chain assembly
- Deep cutting solution for obstructed or small openings
- Cut squares as small as 10 cm x 10 cm



695XL GAS-POWERED CONCRETE & UTILITY PIPE CHAIN SAW

The 695XL is a Gas-Powered Concrete and Utility Pipe Chain Saw. It is the Deepest, Most Versatile Gas Powered Saw. Available with 30 cm - 40cm guide bars and the entire line of MAX, ProForce and PowerGrit series diamond chains. The 695XL is the highest horsepower ICS gas saw for frequent use by general construction, utility contractors and concrete professionals.

- Easy-to-start with higher energy ignition system
- Use on concrete, stone, masonry, ductile iron pipe, cast iron pipe and more
- Durable, long lasting components including muffler with reinforced internal baffle and piston and cylinder lowers engine temperature



Technical Data	
Engine Type	2-stroke, Air Cooled
Displacement	76.5 cc
Power	3.7 kW @ 9,500 rpm
Torque	4.1 Nm @ 6,500 rpm
Engine Speed	11500 +/- 500 rpm (max) 2,800 - 3,200 rpm (idle)
Chain Speed (Max Power)	34.5 m/s
Weight	9.5 kg powerhead only
Dimensions	460 L x 290 H x 250 W mm
Fuel Ratio	2% (50:1) gasoline-to-oil
Fuel Capacity	0.88 liter
Water Supply	Minimum: 1.5 bar
Water Flow	Minimum: 4 lpm
Guaranteed Sound Power	117 dB(A)
Sound Pressure at the Operator's Ear	101.0 dB(A)
Vibration	7.2 m/s ² Front Handle 8.5 m/s ² Rear Handle

Technical Data	
Engine Type	2-stroke, Air Cooled
Displacement	94cc
Power	4.8kW @ 9000 rpm
Torque	5.7 Nm @ 7200 rpm
Engine Speed	9,300 +/- 150 rpm (max) 2,700 +/- 100 rpm (idle)
Chain Speed (Max Power)	28 m/s
Weight	9.5 kg powerhead only
Dimensions	460 L x 360 H x 300 W mm
Fuel Ratio	2% (50:1) gasoline-to-oil
Fuel Capacity	1 liter
Water Supply	Minimum: 1.5 bar
Water Flow	Minimum: 4 lpm
Guaranteed Sound Power	115 dB(A)
Sound Pressure at the Operator's Ear	104.6 dB(A)
Vibration	5.62 m/s Front Handle 5.28 m/s ² Rear Handle



890F4 HYDRAULIC-POWERED CONCRETE CHAIN SAW

The 890F4 Hydraulic-Powered Concrete Chain Saw offers the superior strength of FORCE4® technology. From the durable rear handle, to the easy to replace drive sprocket, this saw is engineered to stand up to your toughest jobs. In a package that exceeds industry standards this sleek powerhouse is packed with features designed to make it work as hard as you do. The rear handle offers improved ergonomic cutting and greater durability, 3 scratch resistant bubble levels for more accurate vertical and horizontal cutting. The drive sprocket design allows for quick replacement in the field. Available with 304mm and 2438.4mm hoses; 12.7mm quick disconnects included for convenience and has a new secondary water shut off valve for flow metering and water conservation.



890F4 FLUSH CUT HYDRAULIC-POWERED CONCRETE CHAIN SAW

The 890F4 also is available as a Flush Cut Hydraulic Powered Concrete Chain Saw option. Able to cut within 4.7mm of a wall. It offers superior strength of FORCE4® technology. From the durable rear handle, to the easy to replace drive sprocket, this saw is engineered to stand up to your toughest jobs. In a package that exceeds industry standards this sleek powerhouse is packed with features designed to make it work as hard as you do.



Technical Data	30 lpm	45 lpm
Weight	12.4 kg	12.4 kg
Bar Length	Up to 63 cm	Up to 63 cm
Motor Speed	6100 rpm	6500 rpm
Dimensions	585 L x 265 x 240 H mm	585 L x 265 x 240 H mm
Torque	13.8 Nm	19.2 Nm
Power	4.6 kW	6 kW
Hydraulic Supply	30 lpm @ 172.5 bar	45 lpm @ 172.5 bar
Noise Level	107 dB @ 1 m	98 dB @ 1 m (Sound pressure) 107 dB @ 1 m (Sound power)
Vibration Level	2 m/s; 2 (front handle) 6 m/s 2 (rear handle)	2 m/s; 2 (front handle) 6 m/s 2 (rear handle)
Water Supply	Minimum 1.5 bar	Minimum 1.5 bar



701A PNEUMATIC-POWERED CHAIN SAW

The 701A Pneumatic-Powered Chain Saw is built tough to stand up to everyday use in the harsh environment of concrete and utility pipe cutting. The unique versatility of a chain saw includes the ability to make deep plunge cuts, perfect corners, a single cut from one side and an endless variety of irregular shapes. Cut with ease, speed and portability through Reinforced Concrete, Brick, Block, Concrete Pipe, Ductile Iron, Cast Iron, Natural Stone and more. The ICS powerful pneumatic saw is designed to cut through walls, floors, pipe and columns in a single pass.

- Operates both ProFORCE™ and PowerGrit® chain
- Can be powered with commonly available power sources
- Plunge cut up to 508mm
- High torque output for tough cutting jobs
- No gas or engine fumes, ideal for confined spaces and indoor use



Technical Data	
Weight	13.15 kg
Dimensions	585 L x 265 H x 305 W mm
Power	5 kW
Air Supply	6 bar / 3.5 m³/min
Water Pressure	Minimum 1.4 bar
Operating Speed	5,700 rpm

PROFORCE™ SERIES CHAINS

From the company that revolutionized concrete chain saws comes a revolution in diamond chains: ProFORCE™ Series. Designed to be used only with the FORCE4® system, it is the strongest, longest lasting diamond chain ever made. Available in five configurations to meet most concrete cutting challenges. It has laser welded diamond segments, contains SealPro® O-ring technology for longer life, and is available for hydraulic and gas-powered saws



MAX™ SERIES CHAINS

Max Series Diamond Chains contain patented SealPRO® O-ring technology for longer life and are laser welded to patented chain chassis. Designed for general use, MAX Series chains are available for all ICS gas powered saws, with segment types for general and specialty applications.



POWERGRIT UTILITY CHAINS

PowerGrit® Utility Saw Chains provide improved access to the cut with less excavation. From ductile iron to plastic pipe, PowerGrit will get you in and out of the job faster, safer and easier than other products.



C18 HIGH FREQUENCY CONCRETE SAW

450mm (18") wet diamond saw with 6500W high frequency brushless motor for up to 175mm depth of cut. Flush cut capability.

FEATURES

- Blade Guard with Toggle Latches to quickly convert to Flush cutting
- LED Load Warning Lamp
- Special Motor Coupling Cable
- 6500W, water cooled Brushless Motor for outstanding power and efficiency Constant speed is maintained regardless of load
- Guide Rollers for stability and perpendicular cutting

[Buy C18 High Frequency Saw Here](#)



STANDARD ACCESSORIES

- Flush Cutting Flange Kits
- Flush Cutting Rim Brush

OPTIONAL ACCESSORIES

- Single Phase Adaptor Plug



P8000 CONVERTER

Converter Build-in PRCD has full electronic protection for over and under voltage, thermal and current overload.

FEATURES

- LCD Display shows voltage, elapsed hours, error codes, etc.
- 3 phase power supply cable
- Water cooled 8000W power converter with special circuitry which allows it to accept 3 phase 380V, 3 phase 230V and single phase 230V supply at the maximum possible power level
- Adaptor for single phase supply (optional)

[Buy P8000 Power Converter Here](#)

Technical Data	
3ø~380-480V	6500W / 5500W (16A)
3ø~220-240V	4200W / 3500W (16A), 6500W / 5500W (25A)
1ø ~200-240V	3750W / 2800W (16A), 6500W / 5500W (32A)
No Load RPM	2500/min
Linear Speed W/18" Blade	67m/s
Blade Diameter	457mm
Arbor	25.4mm
Max. Cutting Depth	175mm
Dimensions (L X W X H)	810 x 260x 310mm
Weight	11.6kg



Technical Data P8000	
Input	50-60Hz
3ø~380-480V : 16A	8000W
3ø~220-240V : 25A	7000W.
1ø~200-240V : 32A	7000W
Min. Water Flow (25°C)	3.5 L/min (1 gpm)
Max. Water Pressure	7 bar (100 psi)
Dimensions (L X W X H)	460 x 220 x 260mm
Weight	7.1kg

R16 HIGH FREQUENCY RING SAW

400mm (16”) wet ring saw with 6500W high frequency brushless motor for up to 300mm depth of cut.

FEATURES

- 300mm Depth of Cut
- LED Load warning lamp
- 6500W, water cooled Brushless Motor for outstanding power and efficiency Constant speed is maintained regardless of load
- High Stability Guide Roller design keeps the blade stable and centralized when beginning the cut
- Easy to adjust guide rollers
- Patented One Step Drive Tensioner is fast and easy to adjust and keeps tension equalised
- Blade changes can be performed quickly and require no disassembly of the cover

[Buy R16 High Frequency Saw Here](#)



P8000 POWER CONVERTER

Converter Build-in PRCD has full electronic protection for over and under voltage, thermal and current overload.

FEATURES

- LCD Display shows voltage, elapsed hours, error codes, etc.
- 3 phase power supply cable
- Water cooled 8000W power converter with special circuitry which allows it to accept 3 phase 380V, 3 phase 230V and single phase 230V supply at the maximum possible power level
- Adaptor for single phase supply (optional)

[Buy P8000 Power Converter Here](#)

Technical Data	
3ø~380-480V	6500W / 5500W (16A)
3ø~220-240V	4200W / 3500W (16A), 6500W / 5500W (25A)
1ø~200-240V	3750W / 2800W (16A), 6500W / 5500W (32A)
No Load RPM	2500/min
Linear Speed	53.0m/s
Blade Diameter	405mm
Max. Cutting Depth	300mm
Dimensions (L X W X H)	830 x 240 x 460mm
Weight	12.8kg



Technical Data P8000	
Input	50-60Hz
3ø~380-480V : 16A	8000W
3ø~220-240V : 25A	7000W.
1ø~200-240V : 32A	7000W
Min. Water Flow (25°C)	3.5 L/min (1 gpm)
Max. Water Pressure	7 bar (100 psi)
Dimensions (L X W X H)	460 x 220 x 260mm
Weight	7.1kg

BG125 HIGH FREQUENCY GRINDER

BG 125 High Frequency brushless concrete grinder and P4K Power Converter. The BG125 is a 125mm concrete grinder with a super efficient, high frequency brushless motor for long life and long duty cycles.

- 2200W brushless permanent magnet synchronous motor for outstanding power and efficiency.
- Load warning lamp for optimising grinding efficiency with overload and overheat warning
- Adjustable ergonomic front handle for edge grinding.
- Effective dust control skirt with spring suspension and replaceable brush

[Buy BG125 High Frequency Grinder Here](#)



Technical Data	
Power Input	3~ 2200W
No Load	3850 - 5800 min ⁻¹
Wheel Diameter	125mm
Arbor	22.23mm & 25.4
Spindle	M14 or 5/8-11
Dimensions	455 x 200 x 175 mm
Weight	4.6 Kg

BG5 HIGH FREQUENCY GRINDER

BG5 High Frequency Brushless Concrete Grinder and P4K Power Converter. The BG5 is a 125mm concrete grinder with a super efficient, high frequency brushless motor for long life and long duty cycles.

- 2200W brushless permanent magnet synchronous motor for outstanding power and efficiency.
- Load warning lamp for optimising grinding efficiency with overload and overheat warning.
- Anti vibration handle mounts for fatigue free operation.
- Effective dust control skirt with spring suspension and replaceable brush.

[Buy BG5 High Frequency Grinder Here](#)



Technical Data	
Power Input	3~ 2200W
No Load	3850 - 5800 min ⁻¹
Wheel Diameter	125mm
Arbor	22.23mm & 25.4
Spindle	M14 or 5/8-11
Dimensions	235 x 290 x 235 mm
Weight	5.1 Kg

P4000 POWER CONVERTER

The BG125 and BG5 are powered by the 4500W P4K Power Converter that has special circuitry that allows it to accept single phase and converts it into 3 phase, high frequency to control the motor. The converter can preset various speeds for different applications and has a built-in PRCD that has full electronic protection for over and under voltage, thermal and current overload.

[Buy P4000 Power Converter Here](#)



Technical Data	
Power Input	100V-240V 50-60Hz
Max Power Input	1~ 4500W
Max Power Output	3~4000W
Weight	3.1 Kg

C14 CONCRETE SAW

The C14 is a hand-held saw for concrete, masonry and stone.

The 2800W motor offers plenty of power for fast cutting performance and has full electronic overload and thermal protection. The balanced chainsaw style handles allow maximum control and ideal visibility of the cut. The detachable guide rollers make it easy to keep the blade perfectly square to the cut. The integrated water feed system allows fine tuning of the water supply. For water containment there is a spring-loaded splash guard and a unique brush at the rear of the blade guard which is quick-removable for easy cleaning. It is designed for wet cutting, but is also perfectly suitable for dry cutting. There is a vacuum port which can be used either for wet slurry collection or for dry dust collection. Or use the optional Dust Skid for the ultimate in dry dust control with no sacrifice of cutting depth. Magnesium alloy is used for the blade guard, gear plate and gear box for maximum strength and minimal weight. The blade guard includes locking tool-free adjustment. Truly a versatile and powerful concrete saw for a wide range of applications.



Technical Data	
Power Input	110V: 1700W, 220V: 2800W
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz
No Load RPM	4500
Blade Diameter	Ø355 mm
Arbor	25.4 mm
Max Cutting Depth	125 mm
Weight	7.9 kg
Dimensions	611 x 245 x 280mm

C16 CONCRETE SAW

The C16 is a 16" hand-held saw for concrete, masonry and stone.

The 3200W motor offers plenty of power for fast cutting performance and has full electronic overload and thermal protection. The 405mm blade gives a full 150mm of cutting depth. The balanced, chainsaw style handles allow maximum control and ideal visibility of the cut. The detachable guide rollers make it easy to keep the blade perfectly square to the cut. The integrated water feed system allows fine tuning of the water supply. For water containment there is a spring loaded splash guard and a unique brush at the rear of the blade guard which is quick-removable for easy cleaning. It is designed for wet cutting, but is also perfectly suitable for dry cutting. There is a vacuum port which can be used either for wet slurry collection or for dry dust collection. Magnesium alloy is used for the blade guard, gear plate and gear box for maximum strength and minimal weight. The blade guard includes locking tool-free adjustment. Truly a versatile and powerful concrete saw for a wide range of applications.



FLUSH CUT CAPABILITIES

Technical Data	
Power Input	110V: 2300W (certificate), 3000W (actual) 220V: 2700W (certificate), 3200W (actual)
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz
No Load RPM	3900
Blade Diameter	Ø405 mm
Arbor	25.4 mm
Max Cutting Depth	150 mm
Weight	9.1 kg
Dimensions	735 x 259 x 364mm

R13 CONCRETE SAW

The R13 Ring Saw is specifically designed for extra deep cutting of reinforced concrete, masonry and stone. The 3200W, high efficiency motor provides plenty of power for fast cutting and has full electronic overload and thermal protection. It uses a 330mm ring saw blade to achieve up to 220mm depth of cut.

The saw features a unique drive mechanism making it easier to adjust and change the blade, while keeping the blade stably located when beginning the cut. The blade can be changed and adjusted in minutes without needing to disassemble the casing. It has a patented one-step tension system for a faster, easier and more accurate cutting. Ability to perform blade change in minutes, requires no disassembling of casing!. The LED load warning lamp alerts the operator to load conditions. The handles are strategically placed within the design to offer more comfortability for a variety of positions as needed for vertical and horizontal cuts. The upper blade guard is spring loaded and has rollers for smooth operation.



Technical Data	
Power Input	220V: 3200W, 110V: 3000W
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz
No Load RPM	2850
Blade Diameter	Ø330 mm
Linear Speed	49.2 m/s
Max Cutting Depth	220 mm
Weight	12.6 kg
Dimensions	730 x 280 x 450mm

SCS7 STONE CUTTING CIRCULAR SAW

The SCS7 Stone Cutting Circular Saw is the perfect solution for fast, precise wet cutting of all kinds of stone and masonry materials up to 55mm thick. The heart of this machine is its powerful 1800W motor. The parallel guide ensures straight cuts. The water feed with quick release coupling allows faster cutting and longer blade life. There is a close-able vacuum port, which can be used with a wet/dry vacuum to keep the whole job as mess-free as possible. Besides cutting stone, this machine is ideal for cutting out old seams in preparation for replacement. Guide rail allows perfectly straight cuts.

[Buy the SCS7 Stone Cutting Circular Saw Here](#)



Technical Data	
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz
Power	1,800W
No Load Speed	5800 Min-1
Arbor	22.23mm
Maximum Blade ø	180 mm
Max Cutting Depth	55 mm
Weight	6.7 Kg
Dimensions	350 x 270 x 265mm

CG150 WALL CHASER

A powerful wall chaser with a maximum depth of 50 mm and cutting width up to 47 mm. Features an optional efficient guide rail system.

Technical Data

Power Input	2500 W
Voltage	220-240V~ 50-60Hz, 110-120V~ 50-60Hz
No Load RPM	6500
Max Blade Diameter	Ø150mm
Channel Width	47 mm
Max Cutting Depth	50mm
Weight	7.2 kg



CS 180 WALL CHASER

Equipped with a powerful 1800 Watt motor to run the two 180mm diamond blades with no bogging. The motor is protected by a smart electronic overload (No thermal switch to wait for: just release the switch and start again.) The ergonomic handles allow a variety of holding positions for comfortable cutting. The roller base allows smooth action and precise control. Various spacers to create channels up to 51mm in width and to a depth of up to 52mm.

[Buy the CS 180 Wall Chaser Here](#)

Technical Data

Power Input	1800 W
Voltage	110-120V~ 50-60Hz, 220-240V~ 50-60Hz
No Load RPM	4100
Max Blade Diameter	180mm
Channel Width	9~51mm
Max Cutting Depth	15~52mm
Weight	7.7 kg

