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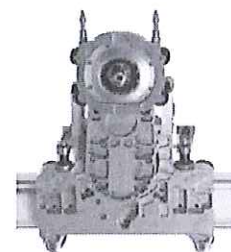
Pentruder 8-20

The Pentruder 8-20 is the most efficient hydraulic wall saw for concrete cutting with big diameter blades available on the market today. The design offers many features to make your work safer, easier and more efficient.

For cutting with saw blades up to 2000 mm.

Features	Technical data	System	Accessories
Blade info			
Saw blade diameter max.:	2000 mm		
Max cutting depth with max. Ø blade:	915 mm (36") with 2000 mm blade. (Blade radius minus 85 mm (3.35"))		
Max start Ø blade:	1000 mm (40")		
Saw blade arbor diameter:	60 mm (1-3/8" for the U.S.A.)		
Water feed:	Central through the blade flanges		
Blade flange diameter:	158 mm (6.22") centre bolt type flange.		
Flush cutting flange diameter and Bolt Pitch Circle Diameter (P.C.D.):	158 mm Flange O.D. 130 mm P.C.D. 6x M 8 10.9 countersunk screws		
	110 mm P.C.D. 6x M 10 10.9 countersunk screws		
	108 mm P.C.D. 6xM 10 10.9 countersunk screws		
	4.25" P.C.D. 6x 3/8" (108 mm P.C.D. 6x M 10) 10.9 countersunk screws		
Power			
Saw blade motor:	Hydraulic, Gear type, 41 cc		
Max continuous output power:	21 kW (28HP) with Pentpak 22		
Max output torque	400 Nm (1st gear)		
Spindle speed under load:	1:st gear 460 rpm 2:nd gear 670 rpm 3:rd gear 840 rpm 4:th gear 1055 rpm		
Weight			
Weight saw head:	28 kg (62 lbs)		

All technical data can be subject to change without notice.



Pentruder 8-20 hydraulic wall saw



Pentruder 8-20 with Pentpak 25

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The Pentruder 8-20 is powered by the Pentpak 25.

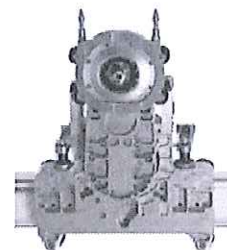
A standard equipment can consist of following parts:

Part number	Description	Quantity
10031101	Saw Head Pentruder 8-20	1
09020201	Pentpak 25 kW 400V 50Hz	1
52050101	Pressure/Return hose 6-16 Length 8m	2
52020101	Hose pack for 6-16 Length 8m1	1
64190801	Remote control hydraul w. joystick	1
43210601	Frame blade guard holder cpl	1
42880101	Blade flange sub ass. 60mm bore cpl	1

Accessories

11080701	Blade Guard Full 32" (800mm+)	1
49032101	Track 2.0 m (79") double rack cpl	1
43101401	Track foot symmetric cpl	2
65340101	Toolkit Pentruder Wallsaw cpl	1
07810101	Trolley	1

A vast combination of other accessories is possible. See accessories.



Pentruder 8-20 hydraulic wall saw



Pentruder 8-20 with Pentpak 25

[Operator's manual](#)

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Track system

For all Pentruder wall saws (except the Pentruder 6-8HF which has smaller dimensions).



Blade guards

Choose from a variety of models and sizes.



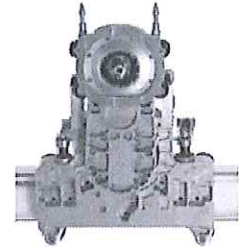
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Remote control



Flush cutting flanges



Pentruder 8-20 hydraulic wall saw



Pentruder 8-20 with Pentpak 25

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Multi step gearbox for highest torque

Independent of what size blade is needed, the 4-speed gearbox allows the Pentruder wall saw to work with a remarkably high torque at all spindle speeds.

[read more »](#)



Quick disconnect coupling for blade

Our patented quick disconnect blade flange coupling is an extremely valuable and safety enhancing feature. The saw blade can be fitted to the saw head even after the machine has been mounted.

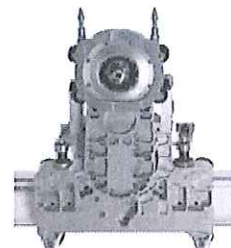
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Versatile track system

Flexible track system saves a lot of time and trouble when setting up the machine.

[read more »](#)



Pentruder 8-20 hydraulic wall saw



Pentruder 8-20 with Pentpak 25

Slip clutch protects the arm rotation transmission

The arm rotation transmission is protected by a slip clutch if a blade is jammed.

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Well protected travel and feed motors

Travel and feed motors are protected within the chassis body. No electric parts except for connectors are exposed to dirt.

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Efficient water supply to blade

Efficient water supply to blade central through blade flange, even for flush cutting blades.

[read more »](#)



Roller arrangement gives optimal force distribution

The guide rollers on the saw head are aligned above each other, in the same plane as for the cut. This provides the highest levels of safety, stability and precision of cut.

[read more »](#)



Low wear rollers

Conical self cleaning low wear rollers for optimal support and control of the saw head.

[read more »](#)



Highest quality material

Lightweight saw head built from aircraft quality components machined from solid aluminium. No castings are used.

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We put great emphasis on creating technical solutions for our products that are safe and easy to use. All Pentruder accessories are designed to make the set up easy and quick.



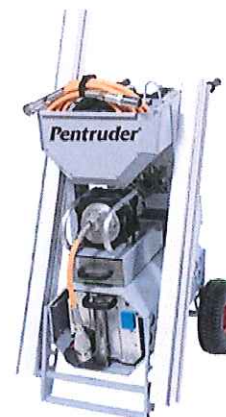
Track system

For all Pentruder wall saws (except the Pentruder 6-8HF).



Blade guards

Choose from a variety of models and sizes.



Transport trolley

The transport trolley will facilitate transport of the HF-wall saw, power pack and accessories.



Remote control



Flush cutting flanges



Tools


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Pentpak 427

Operate a full range of Pentrunder equipment simply by connecting the same Pentpak, remote control, motor and cables to a wallsaw, a wire saw or a core drill. It all fits together and gives unsurpassed flexibility.

The Pentpak high frequency (HF-)power packs are made from top quality components chosen for their reliability and longevity. The frequency inverter is for instance built to produce 24/7 for thousands of hours.

The Pentpak 427, 422 and 418 are made for 380 - 480 volt and the Pentpak 222, 218 and 200 are made for 200 - 230 volt.

The HF-power packs are insensitive for fluctuations in power and can be run on such small fuses as 16 ampere.

Features	Technical data	System	Accessories
Versatile The Pentpak HF-power packs can drive many different HF-machines.	Tolerant for input-voltage and frequency A large range of input-voltage and frequency is possible (50/60 Hz and 380-480V)	Soft start of blade Thanks to the soft start of the blade it is possible to start the blade with as small fuse as 16 amp at 400 volt.	
No high peak loads The autotest software prevents high peak loads.	Well protected against short cuts The Pentpak HF-power packs are well protected against short circuit and overloads. If a cable is cut the Pentpak is not damaged.	Low weight Despite the high quality of all components in the Pentpak and the effective cooling, the weight of the Pentpak is only 27 kg (57.3")	
Remote control The Pentpak is operated by a low weight remote control.	Built in EMC-filter Built in EMC-filter ensures that the Pentpaks follow CE-regulations. Suitable for use in sensitive environments like hospitals with extra filter.		

Operator's manual
Pentrunder 8-20HF/iQ and
Pentpak



Pentpak 427 HF-power pack with remote control

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Operator's manual
Pentrunder 8-20HF/iQ and
Pentpak



Pentpak 427 HF-power pack
with remote control

Features	Technical data	System	Accessories
Input Voltage:		380-480	
Input frequency:		50 - 60 Hz	
Output frequency:		300 - 440 Hz	
Continuous output power:		27 kW	
Minimum fuse:		25 Amp	
Recommended fuse:		40 Amp	
Current draw at max. output:		56 Amp	
Recommended generator capacity:		45 kVA	
Output voltage to feed and travel motors:		24 DC	
Height (incl. handles, connectors, etc.):		28 cm	
Width (incl. handles, connectors, etc.):		30 cm	
Length (incl. handles, connectors, etc.):		68 cm	
Weight:		27.5 kg	

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Features	Technical data	System	Accessories
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The Pentpak 427 can power all 400 volt HF-motors from Tractive.

It can be used to power the Pentruder HF-wall saws, the Pentruder 3P8 HF-wire saw and the MD1 HF-drill system and all the coming HF-products. The same cables and remote control are used for all applications.

Part number	Description	Quantity
09274001DIG	Pentpak 427 digital communication	1
64900101	Cable 24V 9m digital com. cpl (with water hose)	1
64900201	Cable 400V 9m digital com. cpl	1
64190401	Remote Control HF cpl	1

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Pentpak 427 HF-power pack
with remote control

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HF-power packs

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Pentpak 200

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Hydraulic power packs

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Wire saws

Core drills

Rig M CCS

Rig 70 mm column

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Operator's manual Pentrunder 8-20HF/iQ and Pentpak



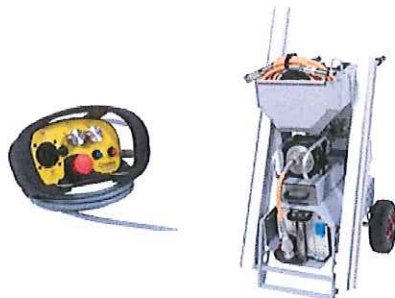
Pentpak 427 HF-power pack
with remote control

Features

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Remote control

The Pentpak 427 is used together with the remote control, 64190401.

A radio remote control will be available during 2010.

Transport trolley

The transport trolley is well balanced and practical for transport of a complete saw equipment. It also protects the power pack from dirt.