

# Pentruder<sup>®</sup>

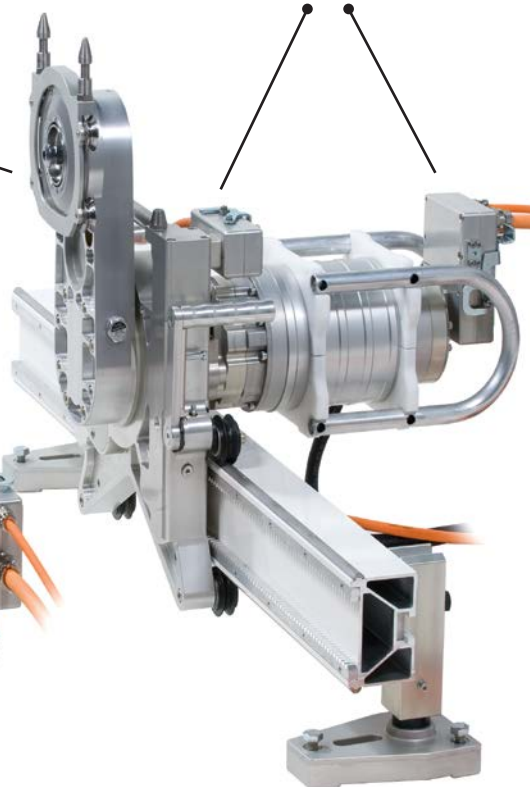
Concrete Cutting Systems

## Pentruder 8-20 HF Wall Saw

Quick disconnect coupling  
for blade



Durable, heavy duty connectors



Easy removal of HF-motor



Reliable 4-speed gearbox



Versatile track system



Pentpak 427 HF-power pack with  
Pentrunder autofeed system

### High performance - Reliability - Easy handling

- The Pentruder 8-20HF offers a combination of high performance and easy handling. It will help you do the most demanding jobs even more efficiently.
- Can be used with 20, 25 or 30 HP HF-motor.
- Thanks to the 4-speed gearbox, the Pentruder 8-20HF will work with a remarkably high torque at all spindle speeds.
- The Pentruder 8-20HF can handle blades up to 79".
- With it's high performance HF-motor and the quick disconnect blade coupling, the Pentruder 8-20HF is a very user friendly wall saw for all cutting jobs.
- Despite it's big capacity the weight of the saw head is only 53 lbs and the 30 HP HF-motor 34 lbs.

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Diamond Tools and Equipment

# Technical data

## Pentruder 8-20HF wall saw

### Blade info

Maximum diameter:	79"
Max cutting depth:	36"
Max. out of cut diameter:	39"

### Power (with 30 HP HF-motor)

Saw blade motor:	400 Hz High Frequency Motor
Max continuous output pwr:	30HP with Pentpak 427
Spindle speed under load:	1st gear 350 - 510 rpm 2nd gear 500 - 735 rpm 3rd gear 630 - 925 rpm 4th gear 790 - 1165 rpm, @ 300 - 440 Hz, Continuously variable from 70 - 100%, set potentiometer to control speed.

### Weight

Saw head:	53 lbs
Weight 30 HP HF-motor:	34 lbs

## Accessories

TS Track:	
33" / 45" / 6.5' / 7.5' / 11.3':	4.7 lbs/ft
Track foot symmetric: TF2S	7 lbs
Angle adjustable track foot: TFAB	13 lbs
Joint block: TSS300	5 lbs
Track stop: TSP1	1.5 lbs
Blade guards standard*:	
Full 32" / 40" / 42"	24 / 30 / 33
48" / 54" / 63"	37 / 40 / 44 lbs
Flush 32" / 40"	13 / 14
48" / 63"	15 / 31 lbs
Transport trolley for HF-saws: TYHF	59 lbs
Blade flange sub ass. cpl*: QE	5 lbs
Flush cutting flanges: QEF	
1-3/8" / 1":	3 lbs

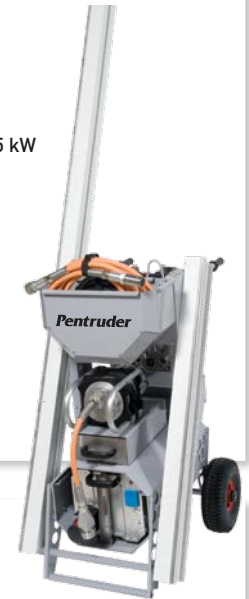
\* Different models of blade guards and blade flanges are available.

All technical data is subject to change without notice.

## Pentpak 427 HF power pack

Input voltage:	380-480 V
Input frequency:	50 - 60 Hz
Output frequency:	300 - 500 Hz
Continuous output power:	30 HP
Minimum fuse: <small>(The "demanded" power output will need to be reduced on the remote control.)</small>	16 Amp
Recommended fuse:	40 Amp
Current draw at max. output:	56 Amp
Minimum gen. capacity:	44 kVA / 35 kW
Weight:	57 lbs

All values are valid for Pentpak 427 with the 30 HP HF-motor.



## System

The Pentruder 8-20HF is mostly used with the 30 HP HF-motor and Pentpak 427 (or Pentpak 422). The saw head can also be powered by any of the 20 or 25 HP HF-motors.

The same accessories are used as for the other Pentruder wall saws.

Thanks to our digital communication system it is possible to use the same Pentpak 427, the same HF-motor, cables and remote controls not only for wall sawing but also for wire sawing and drilling.

Pentruder MCCS is a truly modular system based on the wall saw track. The track is not only used for wall sawing but also for the drill rig as well as for other applications.

Be sure to check out the other modules in the Pentruder Modular Concrete Cutting System!



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Concrete Cutting Systems

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