

# Pentruder<sup>®</sup>

## Pentruder 8-20HF - HF-wall saw

Quick disconnect coupling  
for blade

Robust connectors

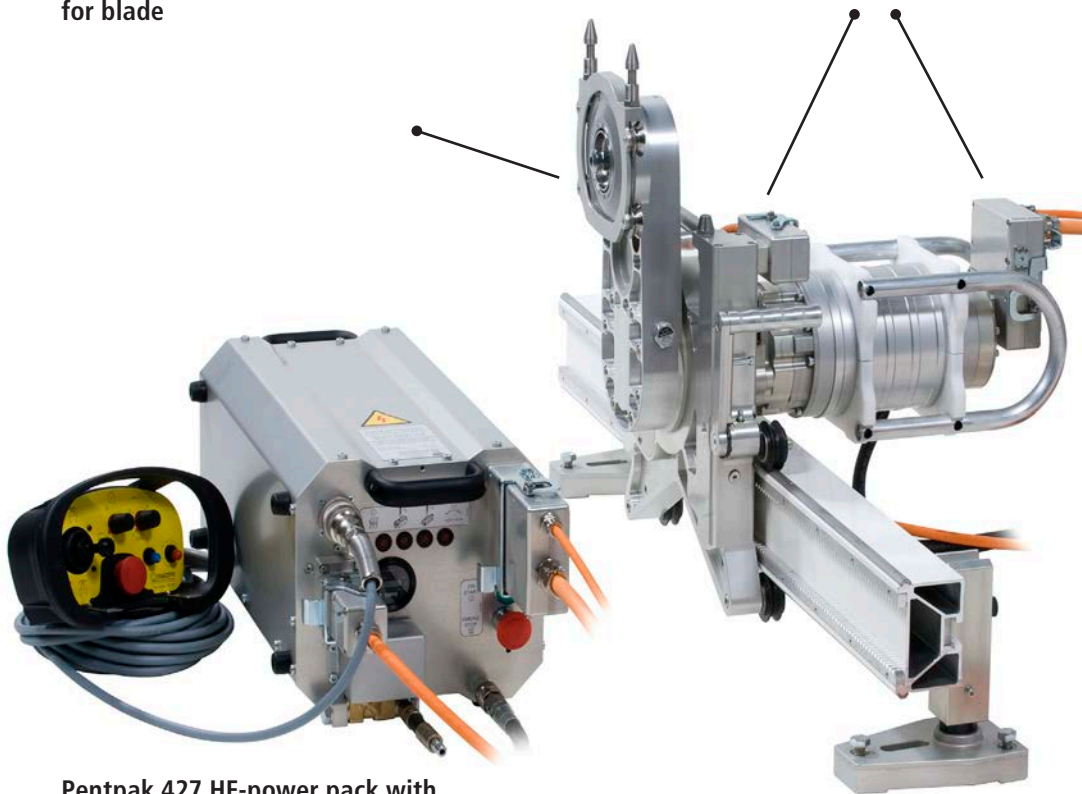
Easy take-off of HF-motor



Reliable 4-speed gearbox



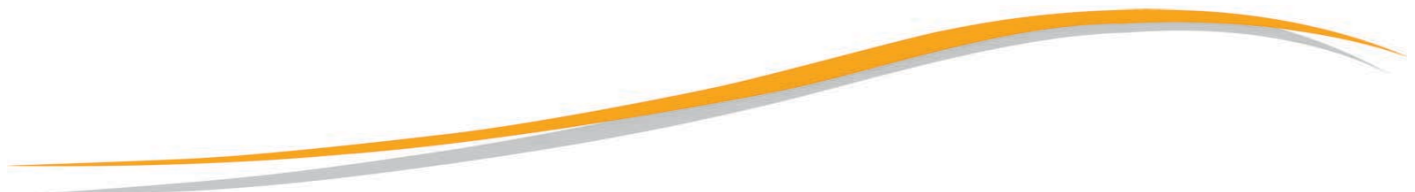
Versatile track system



Pentpak 427 HF-power pack with  
Pentruder 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 the 15, 18 or 22 kW 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 2000 mm.
- With its high performance HF-motor which easily can be taken off the saw head and the quick disconnect coupling for the blade, the Pentruder 8-20HF is a very user friendly wall saw for all cutting jobs.
- Despite its big capacity the weight of the saw head is only 25.5 kg and the 22 kW HF-motor 18 kg.



# Technical data

## Pentruder 8-20HF HF-wall saw

### Blade info

Saw blade diameter max.:	2000 mm (79")
Max cutting depth with max. Ø blade:	915 mm (36")
Max start Ø blade:	1000 mm (39")

### Power (with 22 kW HF-motor)

Saw blade motor:	400 Hz High Frequency Motor
Max continuous output power:	22 kW (27HP) with Pentpak 427
Max output torque:	405 Nm in 1:st gear
Spindle speed under load:	1:st gear 350 - 510 rpm 2:nd gear 500 - 735 rpm 3:rd gear 630 - 925 rpm 4:th gear 790 - 1165 rpm, @ 300 - 440 Hz, Continuously variable from 70 - 100%, set potentiometer to control speed.

### Weight

Weight saw head:	25.5 kg
Weight 22 kW HF-motor:	18 kg

## Accessories

### TS Track:

0.85 / 1.15 / 2 / 2.3 / 3.45 m:	6.95 kg/m
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TF2S Track foot symmetric:	3.2 kg
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TFAB Angle adjustable track foot:	6.0 kg
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TSS300 Joint block:	2.3 kg
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TSP1 Track stop:	0.7 kg
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### Blade guards standard\*:

GS Full 800 / 1000 /	11 / 15 /
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1200 / 1600 / 2000	17 / 20 / 39 kg
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GSF Flush 800 / 1000	6 / 6.5
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1200 / 1600	7 / 14 kg
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TYHF Transport trolley HF-saws:	27 kg
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QE Blade flange sub ass. cpl*:	2.4 kg
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### QEF Flush cutting flanges:t

108 / 110 / 130 mm / 1-3/8" / 1":	1.3 kg
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\* Different models of blade guards and blade flanges are available.

## Pentpak 427 HF-power pack

Input Voltage:	380-480 V
Input frequency:	50 - 60 Hz
Continuous output power:	22 kW (with 22 kW HF-motor)
Minimum fuse:	16 Amp
(The "demanded" power output might need to be reduced on the remote control.)	
Recommended fuse:	40 Amp
Current draw at max. output:	56 Amp
Rec. generator capacity:	45 kVA
Weight:	26 kg

All values are valid for both Pentpak 422 and Pentpak 427 with the 22 kW HF-motor.



## System

The Pentruder 8-20HF is mostly used with the 22 kW HF-motor and Pentpak 427 (or Pentpak 422). The saw head can also be powered by any of the 15 or 18 kW 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 MCCA 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 and for the wire saw rig, as well as for other applications.

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



# Pentruder<sup>®</sup>

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