

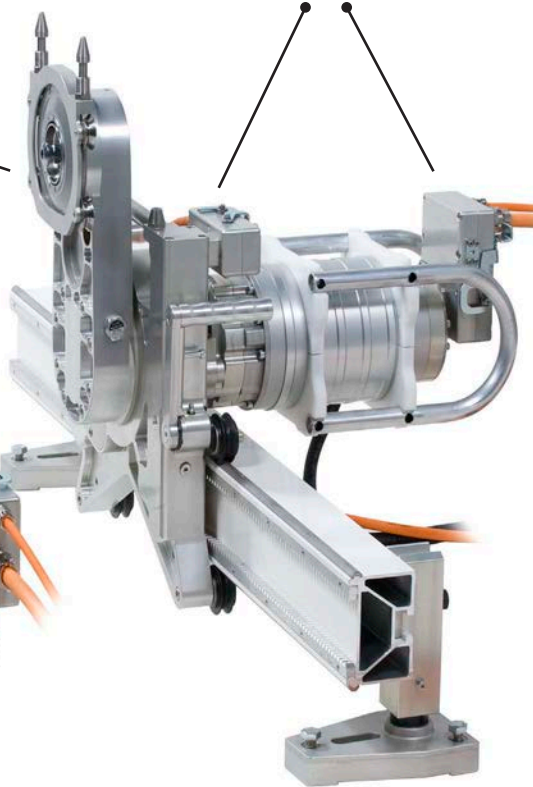
# Pentruder®

## Pentruder 8-20iQ - 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 8-20iQ offers a combination of very high performance and easy handling. Whether it is used with the 22 or 27 kW HF-motor it will handle the toughest concrete and iron without any problems.
- Can be used with 15, 18, 22 or 27 kW HF-motor. We recommend the 22 kW HF-motor, which in combination with the lower speed of the 8-20iQ compared to the 8-20HF is perfect for hard aggregate/high concentration of steel.
- Thanks to the 4-speed gearbox, the Pentruder 8-20iQ will work with a remarkably high torque at all spindle speeds.
- With the 22 kW HF-motor the Pentruder 8-20iQ 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 8-20iQ 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 8-20iQ HF-wall saw

### Blade info

Saw blade diameter max.: 2000 mm  
with 27 kW HF-motor)

Max cutting depth with  
max. Ø blade: 915 mm  
Max start Ø blade: 1000 mm

### Power (with 22 / 27 kW HF-motor)

Saw blade motor: 400 Hz High Frequency Motor  
Max continuous output power: 22 kW (30HP) / 27 kW (37HP)  
Max output torque: 480 Nm in 1:st gear  
Spindle speed under load:

	22 kW	27 kW
1:st gear	310 - 460	360 - 520 rpm
2:nd gear	450 - 660	520 - 750 rpm
3:rd gear	565 - 830	660 - 940 rpm
4:th gear	710 - 1040	830 - 1180 rpm

Continuously variable from 70 - 100%,  
set potentiometer to control speed.

### Weight

Weight saw head: 25.5 kg  
Weight 22 / 27 kW HF-motor: 18 kg

## Pentpak 427 HF-power pack

Input voltage: 380-480 V  
Input frequency: 50 - 60 Hz  
Continuous output power: 22 / 27 kW  
(with 22 resp. 27 kW HF-motor)  
Minimum fuse: 16 Amp / 32 Amp  
(The "demanded" power output will need  
to be reduced on the remote control.)  
Recommended fuse: 40 / 63 Amp  
Current draw at max. output: 56 / 63 Amp  
Rec. generator capacity: 45 kVA  
Weight: 26 kg

All values are valid for Pentpak 427 with  
the 22 or 27 kW HF-motor.



## Accessories

TS Track:  
0.85 / 1.15 / 2 / 2.3 / 3.45 m: 6.95 kg/m  
TF2S Track foot symmetric: 3.2 kg  
TFAB Angle adjustable track foot: 6.0 kg  
TSS300 Joint block: 2.3 kg  
TSP1 Track stop: 0.7 kg  
Blade guards standard\*:  
GS Full 800 / 1000 /  
1200 / 1600 / 2000 11 / 15 /  
17 / 20 / 39 kg  
GSF Flush 800 / 1000  
1200 / 1600 6 / 6.5  
7 / 14 kg  
TYHF Transport trolley for HF-saws: 27 kg  
QE Blade flange sub ass. cpl\*: 2.4 kg  
QEF Flush cutting flanges:  
108 / 110 / 130 mm / 1-3/8" / 1": 1.3 kg

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

All technical data can be subject to change without notice.

## System

The Pentruder 8-20iQ is mostly used with the 22 or 27kW HF-motor and Pentpak 427. 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 (or Pentpak 422 or Pentpak 418), 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 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>

by TRACTIVE

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