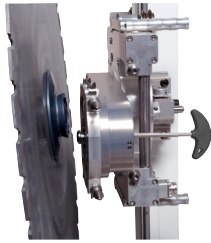


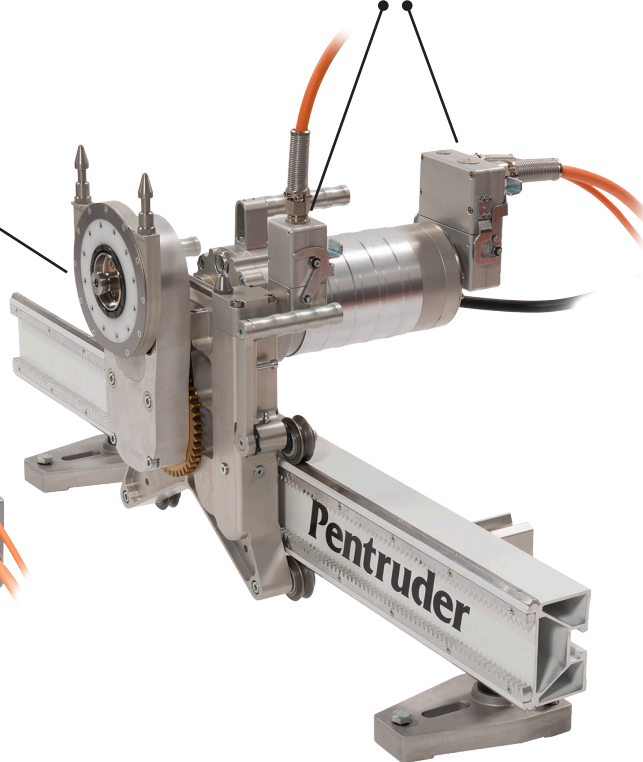
# Pentrunder<sup>®</sup>

## Pentrunder 6-10HF - HF-wall saw

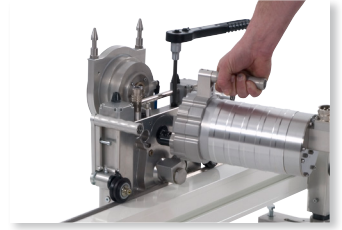
Quick disconnect coupling for blade



Robust and repairable connectors



Easy take-off of HF-motor



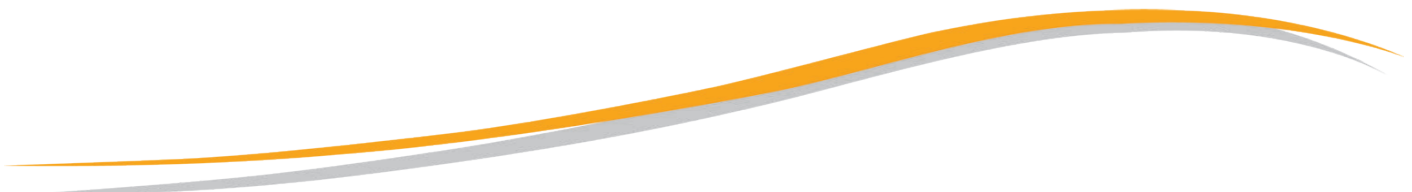
Versatile track system



Pentpak 427 HF-power pack with Pentrunder autofeed system

### High performance - Reliability - Easy handling

- The Pentrunder 6-10HF is a very user friendly wall saw for the majority of cutting jobs.
- The weight of the saw head is only 20 kg (44 lbs) and the 15 kW (24 HP) HF-motors weighs 13 kg (29 lbs).
- The Pentrunder 6-10HF offers a combination of high performance, light weight and easy handling.
- Reliable and well proven system.
- Handles blades up to 1200 mm (42").
- Versatile track system for easy job setup.
- The Pentrunder 6-10HF drive system and accessories is part of the Pentrunder modular concrete cutting system. A truly modular system for professional problem solving.



# Technical data

## Pentruder 6-10HF - HF-wall saw

### Blade info

Saw blade diameter max.:	1200 mm (42")
Max cutting depth with max. Ø blade:	515 mm (20.3")
Max start Ø blade:	800 mm (32")

### Power (with 15 kW HF-motor)

Saw blade motor:	400 Hz High Frequency Motor
Max continuous output power:	15 kW (24 HP)
Max output torque:	130 NM (15 kW/24 HP)
Spindle speed under load:	815 – 1200 rpm @ 300 – 440 Hz, Continuously variable from 70 - 100%, set potentiometer to control speed.
Minimum fuse	16 Amp with 15 kW HF-motor

### Weight

Weight saw head:	20 kg (44 lbs)
Weight 15 kW HF-motor:	13 kg (29 lbs)

## Pentpak 427 HF-power pack

Input Voltage:	380-480 V
Input frequency:	50 - 60 Hz
Output frequency:	300 - 440 Hz
Input power max:	31 kW
Continuous output power:	15 kW (with 15 kW HF-motor)
Minimum fuse:	16 Amp (the "demanded" power output might need to be reduced on the remote control.)
Recommended fuse:	32 Amp
Current draw at max. output:	40 Amp
Rec. generator capacity:	45 kVA
Weight:	26 kg

All values are valid for Pentpak 427 with the 15 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:	11 / 15 / 17 kg
GSF Flush 800 / 1000 / 1200:	6 / 6.5 / 7 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 6-10HF can be used with the 15 kW or 18 kW HF-motor and is powered by a Pentpak high frequency power pack.

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, 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>

Concrete Cutting Systems

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