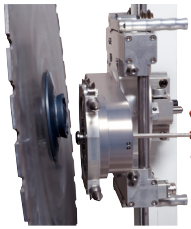


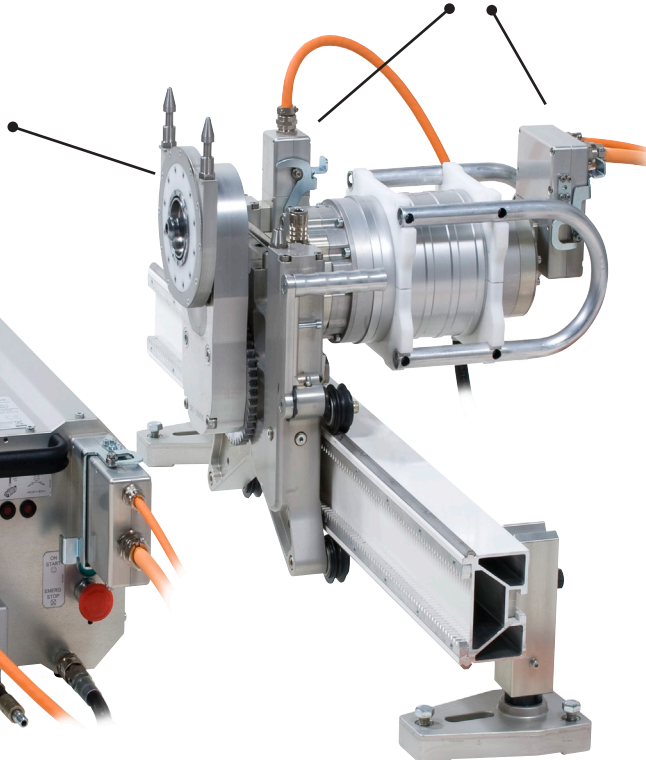
# Pentruder®

## Pentruder 6-12HF - HF-wall saw

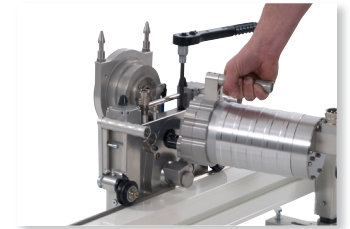
Quick disconnect coupling  
for blade



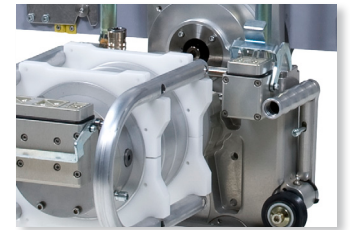
Robust connectors



Easy take-off of HF-motor



Reliable 2-speed gearbox



Versatile track system



Pentpak 418 HF-power pack  
with Pentruder autofeed system

### High performance - Reliability - Easy handling

- The Pentruder 6-12HF offers a combination of high performance, light weight and easy handling. It will help you do the jobs even more efficiently.
- Choose between 15 or 18 kW HF-motor.
- Thanks to the 2-speed gearbox, the Pentruder 6-12HF will work with a remarkably high torque at all spindle speeds.
- The Pentruder 6-12HF can handle blades up to 1200 mm.
- With it's high performance HF-motor which easily can be taken off the saw head and the quick disconnect coupling for the blade, the Pentruder 6-12HF is a very user friendly wall saw for all cutting jobs.
- Despite it's big capacity the weight of the saw head is only 21 kg and the 15 /18 kW HF-motors 13 /16.5 kg.

# Technical data

## Pentruder 6-12HF - HF-wall saw

### Blade info

|                                      |                |
|--------------------------------------|----------------|
| Saw blade diameter max.:             | 1200 mm (48")  |
| Max cutting depth with max. Ø blade: | 515 mm (20.3") |
| Max start Ø blade:                   | 800 mm (32")   |

### Power (with 18 kW HF-motor)

|                              |  |
|------------------------------|--|
| Saw blade motor:             | 400 Hz High Frequency Motor  |
| Max continuous output power: | 18 kW (24HP)   |
| Max output torque:           | 245 Nm (1:st gear, 18 kW)<br>165 Nm (2:nd gear, 18 kW)   |
| Spindle speed under load:    | 1:st gear 550 - 800 rpm<br>2:nd gear 810 - 1200 rpm<br>@ 300 - 440 Hz, Continuously variable from 70 - 100%, set potentiometer to control speed. |
| Minimum fuse                 | 16 Amp with 18 kW HF-motor   |

### Weight

|                        |         |
|------------------------|---------|
| Weight saw head:       | 20 kg   |
| Weight 15 kW HF-motor: | 13 kg   |
| Weight 18 kW HF-motor: | 16.5 kg |

## 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.

## Pentpak 418 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:  | 18 kW (with 18 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 418 with the 18 kW HF-motor.



## System

The Pentruder 6-12HF is mostly used with Pentpak 418 and an 18 kW HF-motor. It can also be powered by the 15 kW HF-motors and the Pentpak 422 or 427.

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 418 (Pentpak 422 or 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 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**

Tractive AB, Gjutargatan 54, 78170 Borlänge, Sweden  
Tel: +46 (0)243 221155, Fax: +46 (0)243 221180  
E-mail: [info@tractive.se](mailto:info@tractive.se), [www.pentruder.com](http://www.pentruder.com)