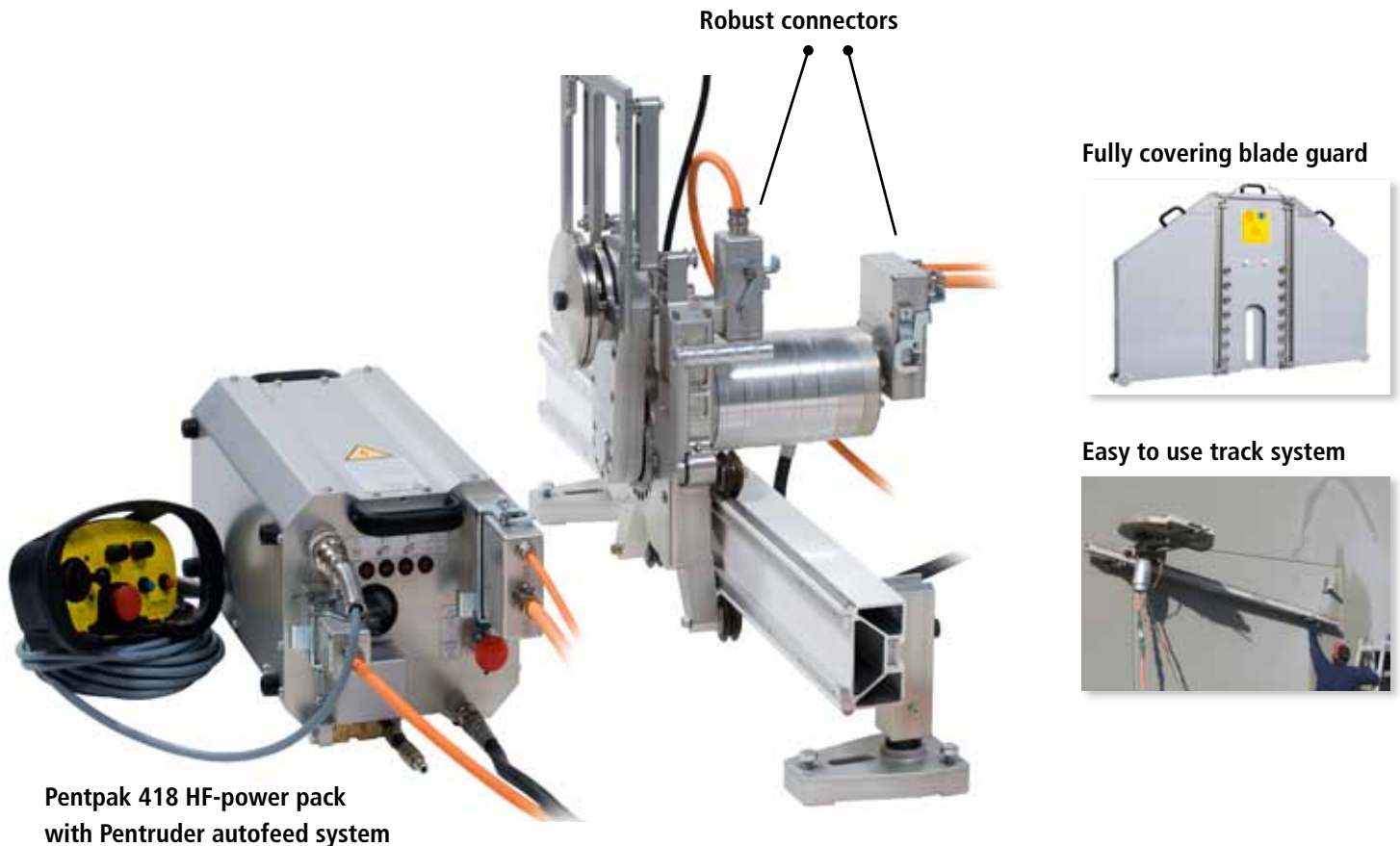


Pentruder[®]

Pentruder 6-12Lean - HF-wall saw



High performance - Reliability - Easy handling - Attractive price

- The Pentruder 6-12Lean offers a combination of high performance, easy handling and an attractive price.
- As the name implies, the Pentruder 6-12Lean is a "lean" machine with a fixed 15 kW HF-motor and standard blade flange.
- High reliability and minimum maintenance.
- The spindle speed is varied electronically with the potentiometer and the saw handles blades up to 1200 mm.
- The weight of the saw head including motor is 29.5 kg.



Technical data

Pentruder 6-12Lean HF-wall saw

Blade info

| | |
|--------------------------------------|---------------|
| Saw blade diameter max.: | 1200 mm (59") |
| Max cutting depth with max. Ø blade: | 665 mm (26") |
| Max start Ø blade: | 925 mm (36") |

Power

| | |
|------------------------------|--|
| Saw blade motor: | 400 Hz High Frequency Motor |
| Max continuous output power: | 15 kW (20 HP) with Pentpak 418 |
| Max output torque: | |
| Spindle speed under load: | 730 - 1060 |
| (Note: Max power is @ 400Hz) | @ 300-440 Hz, Continuously variable from 300 Hz to 440 Hz, set potentiometer to control speed. |

Weight

| | |
|--|------------------|
| Weight saw head, incl. fixed 15 kW HF-motor: | 29.5 kg (65 lbs) |
|--|------------------|

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 parallel*: | |
| GP Full 600 / 800 / 1000 / 1200: | 10.6 / 13 / 19.6 / 22 kg |
| GPFL Flush 800 / 1000 / 1200: | 7.5 / 9.6 / 11 kg |
| TYHF Transport trolley for HF-saws: | 27 kg |
| QEFL-60-130 Flush cutting flange: | |
| 130 mm: | 1.3 kg |

* There are two models of parallel blade guards 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 |
| Continuous output power: | 15 kW |
| Minimum fuse: | 16 Amp |
| Recommended fuse: | 40 Amp |
| Current draw at max. output: | 56Amp |
| Rec. generator capacity: | 45 kVA |
| Weight: | 26 kg (17 kg) |

All values are valid for Pentpak 418 with the 15 kW HF-motor.



System

The Pentruder 6-12Lean is most often used with the Pentpak 418 but can also be used with the Pentpak 427. The HF-motor is fixed on the saw head.

The same accessories are used as for the other Pentruder wall saws except for blade guards where only the parallel guide guards can be used. This is because the parallel guard guide is fixed on the saw head.

Thanks to our digital communication system it is possible to use the same Pentpak 418 (or 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!**

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by **TRACTIVE**

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