

Pentrunder®

CONCRETE CUTTING SYSTEMS

Pentrunder CBK HF Wall Saw

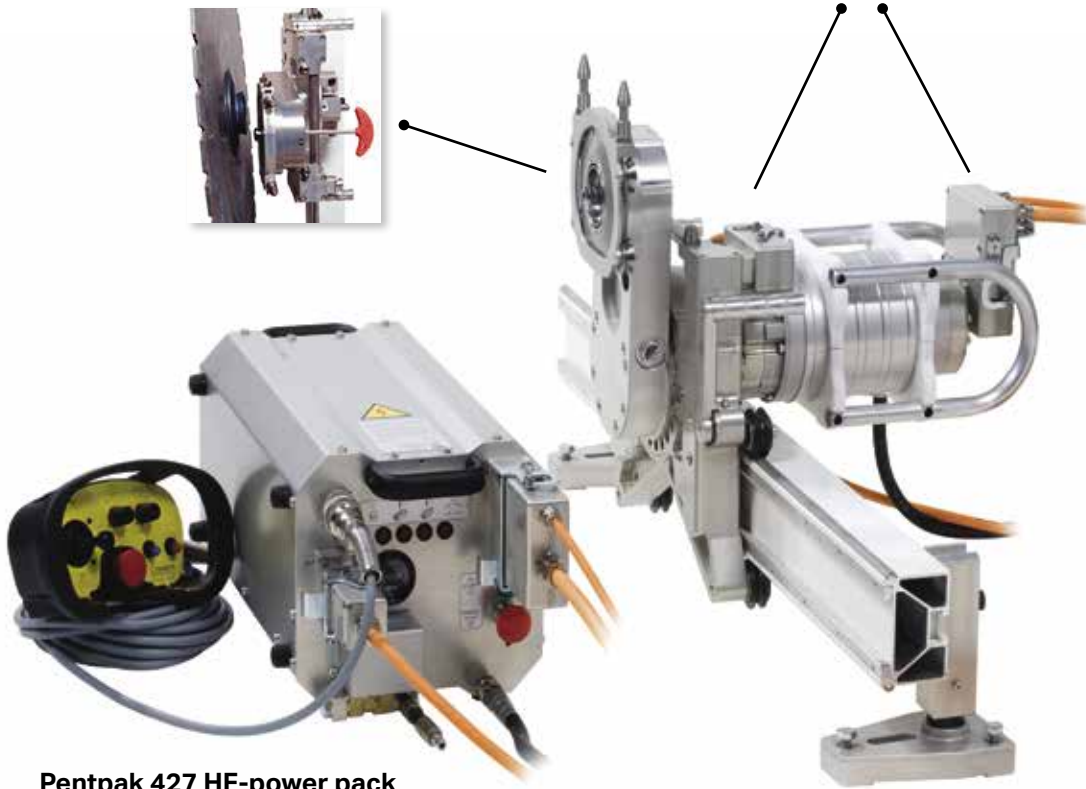
Quick disconnect coupling for blade



Durable, heavy duty connectors



Easy removal of HF-motor



Pentpak 427 HF-power pack
with Pentrunder autofeed system

Versatile track system



High performance - Reliability - Easy handling

- The Pentrunder CBK offers a combination of high performance, durability and easy handling.
- Can be used with 20, 25, 30 or 37 HP HF-motor.
- With it's high performance HF-motor and quick disconnect blade coupling, the Pentrunder CBK is a very user friendly wall saw.
- The spindle speed is varied electronically with the potentiometer and the saw handles blades up to 63".
- Despite it's big capacity the weight of the saw head is only 53 lbs and the 30 HP HF-motor 34 lbs.

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Diamond Tools and Equipment

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Pentrunder CBK HF wall saw

Blade info

Maximum diameter:	63"
Max cutting depth:	28"
Max. out of cut diameter:	36"

Power (with 30 HP HF-motor)

Saw blade motor:	400 Hz High Frequency Motor
Max continuous output power:	30HP with Pentpak 427
Spindle speed under load:	600 - 1000 rpm @ 300-500 Hz Continuously variable from 70 - 100%, set potentiometer to control speed.

Weight

Weight saw head:	53 lbs
Weight 30 HP HF-motor:	34 lbs

Pentpak 427 HF power pack

Input voltage:	380-480 V
Input frequency:	50 - 60 Hz
Output frequency:	300 - 500 Hz
Continuous output power:	30 HP
Minimum fuse:	16 Amp
<small>(The "demanded" power output will need to be reduced on the remote control)</small>	
Recommended fuse:	40 Amp
Current draw at max. output:	56 Amp
Minimum gen. capacity:	44 kVA / 35 kW
Weight:	57 lbs

All values are valid for Pentpak 427 with the 30 HP HF-motor.



Accessories

TS Track:	
33" / 45" / 6.5' / 7.5' / 11.3':	4.7 lbs/ft
Track foot symmetric: TF2S	7 lbs
Angle adjustable track foot: TFAB	13 lbs
Joint block: TSS300	5 lbs
Track stop: TSP1	1.5 lbs
Blade guards standard*:	
Full 32" / 40" / 42"	24 / 30 / 33
48" / 54" / 63"	37 / 40 / 44 lbs
Flush 32" / 40"	13 / 14
48" / 63"	15 / 31 lbs
Transport trolley for HF-saws: TYHF	59 lbs
Blade flange sub ass. cpl*: QE	5 lbs
Flush cutting flanges: QEF	
1-3/8" / 1":	3 lbs

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

All technical data is subject to change without notice.

System

The Pentrunder CBK is most often used with the 30 HP HF-motor and the HF-power pack Pentpak 427. The saw head can also be powered by any of the 20, 25 or 37 HP HF-motors.

The same accessories are used as for the other Pentrunder 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.

Pentrunder 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, as well as for other applications.

Be sure to check out all modules in the **Pentrunder Modular Concrete Cutting System!**



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