

Pentrunder[®]

Concrete Cutting Systems

Pentrunder 3P8 HF Wire Saw

Light weight modules



Large storage capacity

Optimal force applied to the wire

Safe and easy to use guards



Trouble-free start of wire

High power, high torque motor

Durable, heavy duty connectors



Pentpak 427 HF-power pack with Pentrunder autofeed system



High performance - Reliability - Easy handling

- The Pentrunder 3P8 wire saw combines low weight with extraordinary performance and is suitable for both small and large jobs.
- Recommended for use with the 25 or 30 HP HF-motor, or hydraulic motor.
- Quick and easy setup thanks to the modular design. No module weighs more than 55 lbs.
- The start of the wire is very easy thanks to the electric automatic feed and high power of the drive motor.
- The automatic feed makes it very easy to run the saw and also extends the lifetime of the wire.
- Storage capacity up to 65 feet depending on what combination of columns are used.
- Optimal force is applied thanks to the 20 inch main drive pulley. The wire wraps around the main drive pulley over 270°, which gives superior traction.

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Diamond Tools and Equipment

Technical data

Pentruder 3P8 wire saw

Power

Drive motor: 400 Hz High Frequency Motor
Max continuous output power: 25 HP

Storage

Storage in rollers: 21 feet
Storage capacity: 8 feet of wire pulled in for each
1 foot travel of the carriage
Maximum approximately 65'.

Pulleys

Main drive pulley diameter: 20"
Storage pulleys diameter: 8" O.D.

Rig

Rig for wire saw with 70 mm column system:

BE1 Base plate, fixed: 39 lbs
CN Columns: 20" / 47" / 58" / 78": 15 / 27 / 32 / 32 lbs
CE1 Carriage for 70 mm columns x 2: 21 lbs
PT-3P8 Electric feed unit: 9 lbs
FE1 Friction brake: 1 lb



Pentpak 427 HF-power pack

Input Voltage: 380-480 V
Input frequency: 50 - 60 Hz
Continuous output power: 25 HP (with 3P8 wire saw
and 30 HP HF-motor)

Minimum fuse: 16 Amp
(the "demanded" power output might need
to be reduced on the remote control.)

Recommended fuse: 40 Amp
Current draw at max. output: 56 Amp
Minimum generator capacity: 44 kVA/ 35 kW
Weight: 57 lbs

Tractive AB reserves the right to change technical data without previous notice.

Modules

Wire saw modules:

3P8-DP-HF Drive pulley, electric: 31 lbs
3P8-UA Upper assembly: 33 lbs
3P8-LA Lower assembly: 43 + 28 lbs

Guard:

3P8-DPG Guard, door main drive pulley: 11 lbs
3P8-TG Guard, storage pulleys: 20 lbs
3P8-LMG Guard, top pulleys: 23 lbs
3P8-SSG Guard, slack side channel: 14 lbs

Accessories

Satellite pulley, universal, 2-link
WSP2-90, 90° / WSP2-180, 180°: 40 lbs
WSP1-F Satellite pulley, single: 6 lbs

System

The same HF-motor which is used for wall sawing is used for wire sawing with the Pentruder 3P8. We recommend the 30 HP HF-motor but the 25 and 37 HP HF-motors can also be used.

Thanks to our digital communication system it is possible to use the same HF-motor, Pentpak 427, cables and remote controls not only for wire sawing but also for wall sawing and drilling. Pentruder MCCA is a truly modular system based on the wall saw track.

Be sure to check out the other modules in the Pentruder Modular Concrete Cutting System!

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