

# Pentruder<sup>®</sup>

## Pentruder 3P8 - Hydraulic wire saw

Leight weight modules



Big storage capacity

Optimal force transmission to the wire

Practical and safe guards



Easy start of wire



### High performance - Reliability - Easy handling

- The Pentruder 3P8 wire saw combines low weight with extra ordinary performance and is suitable for both small and very big jobs.
- Used with a 34 cc hydraulic motor and Pentpak 25 or 16 / 25 cc hydraulic motor and Pentpak 15 or 20.
- The set up is quick and easy thanks to the modular build up. Mostly a direct cut without extra satellite pulleys is possible. No module weighs more than 25 kg.
- The start of the wire is very easy thanks to high torque already from the start.
- The automatic feed makes is very easy to run the saw and it also extends the lifetime of the wire.
- The storage capacity is approximately 20 meters depending on what combination of columns is used.
- Optimal force transmission thanks to Ø 500 mm main drive pulley . The wire wraps around the main drive pulley over 270°, which gives superb traction and longer lifetime of the wire.

# Technical data

## Pentrunder 3P8 wire saw

### Power

Drive motor: 16, 25 or 34 cc hydraulic motor

### Storage

Storage in rollers: 6.5 meters  
Storage capacity: 8 meters per m stroke of the carriage  
Maximum approximately 20 m.

### Pulleys

Main drive pulley Ø: 500 mm (20")  
Storage pulleys Ø: 198 mm O.D.

### Wire

Wire Ø: 8-12 mm (5/16" – 1/2")  
Wire cutting speed:  
16 cc : 22 m/s @ 42 l /min with PP15/20  
25 cc: 15 m/s @ 42 l /min with PP15/20  
34 cc: 21 m/s @ 80 l/min with PP 25

## Pentpak 15 / 20 / 25 Hydraulic power pack

Pentpak 15 42 L/min@175 bar  
Pentpak 20 42 L/min@200 bar  
Pentpak 25 80 L/min@140 bar  
Input Voltage: 400 V  
Input frequency: 50 Hz  
Minimum fuse: 16 / 25 / 32 Amp  
Recommended fuse: 32 / 32 / 63 Amp  
Weight: 102 / 125 / 139 kg

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

## Rig

### Rig for wire saw with MCCS (saw track)

BTS3/BTS4 Base plate: 5.8 / 6.6 kg, 220 x 320 m  
TS Track:  
0.85 / 1.15 / 2 / 2.3 / 3.45 m: 6.95 kg/m  
TSS300 Joint block, TSP1 Track stop 2.3 kg / 0.7 kg  
Carriage gliding, 1 x CEG-M25 manual feed,  
1 x CEG-HY32 auto feed: 6.3 kg, 8.1 kg

### Rig for wire saw with 70 mm column system:

BE1 Base plate, fixed: 18 kg  
CN Columns 0.5 / 1.2 / 1.5 / 2 m: 6.8 / 12.1 / 14.5 / 14.5 kg  
CE1 Carriage for 70 mm columns x 2: 9.5 kg  
PT-HY32 Hydraulic feed unit MD1: 4.0 kg  
FE1 Friction brake: 0.5 kg

## Modules 3P8

### Wire saw modules:

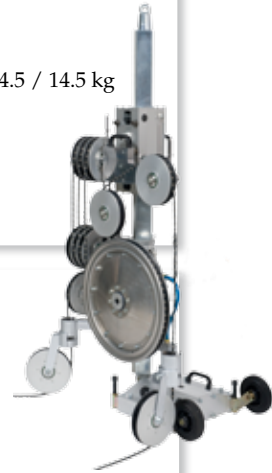
3P8-DP-HY Drive pulley, electric: 13.9 kg  
3P8-UA Upper assembly: 14.9 kg  
3P8-LA Lower assembly: 19.7 + 12.7 kg

### Guard:

3P8-DPG Guard, door main drive pulley: 5.0 kg  
3P8-TG Guard, storage pulleys: 9.3 kg  
3P8-LMG Guard, top pulleys: 10.3 kg  
3P8-SSG Guard, slack side channel: 6.5 kg

### Accessories

Satellite pulley, universal, 2-link  
WSP2-90, 90° / WSP2-180, 180°: 18.0 kg  
WSP1-F Satellite pulley, single: 2.6 kg



## System

Pentrunder 3P8 hydraulic wire saw can be run by Pentpak 25 and 34 cc hydraulic motor or by the Pentpak 15 and 20 and 16 or 25 cc hydraulic motor.

Pentrunder MCCS is a truly modular system based on the wall saw track. The track is used both for the wire saw rig and for the drill rig, as well as for other more special set ups.

As an option the wire saw rig and drill rig can also be built with the 70 mm column system, see Rig.

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

# Pentrunder<sup>®</sup>

by **TRACTIVE**

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