Durable Performance
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Pentruder by Tractive

Building on experience

Tractive AB is a Swedish family owned company specializing in design and manufacturing of two different product lines, Pentruder concrete cutting machines and Tractive motorsport transmissions.

“The same kind of transmission technology for transmitting power is used in both product lines.” states Anders Johnsen, owner and Chief Designer at Tractive.

Anders has over 40 years experience designing and building transmissions and concrete cutting equipment. He is also a passionate rally driver who along with his wife, talented co-driver, owner, and Director at Tractive, Ingrid Johnsen, has raced in the FIA European Historic Rally Championship Series for many years.

Made in Sweden with pride and precision

In-house manufacturing

Design and manufacturing work hand in hand to create a high quality product. We have a top modern workshop with state-of-the-art production equipment.

By manufacturing the components of our Pentruder concrete cutting equipment ourselves in-house, we have full control of quality throughout the entire production process. Quality must be produced at the source!

Call to Order: 800.321.1240

The precision manufactured parts are made by our skilled and dedicated staff. Nothing is left to chance in order to deliver highly reliable products to our customers.
An experienced gearbox company

With passion for transmissions

Tractive has over 40 years experience in design, development, and manufacture of high quality and highly stressed gears and transmissions.

We have developed special gear geometry designs and our gears are strong enough to handle the torque they transfer. Thanks to extreme precision in the manufacturing process, the gears work with very little friction against each other. This is important for high power and durability.

Quality is our priority

All machining and assembly technicians take personal responsibility from programming to finished part. This is an integral part of the Tractive quality assurance.

To achieve the highest possible level of quality and precision, we use ultra-modern CNC-controlled production equipment for all manufacturing processes.
The Pentruder Concrete Cutting System is

Innovative design

Our strength is to use advanced but reliable technical solutions. This, in combination with the possibilities given by sound engineering principles and modern simulation tools, creates products which are ahead in their field.

Possibilities and willingness to go outside traditional borders in the design process are key factors for innovative design.

At Tractive we are not restricted by what has already been done. We think in new and untraditional ways.

Innovative designs tempered by experience.

Attention to detail

For us it is personal. Every person working at Tractive knows that his or her work and attention to detail has a direct impact on the product quality and thus customer satisfaction.

It is a great responsibility which is happily taken on by everybody and at every step of the process from design to after sales support.

Best materials

The Pentruder wall saws, wire saw and drilling machines are built from superior materials chosen for function, performance and durability component by component. Aerospace aluminum billets and specialty alloy steels are the standard.

The high strength material makes it possible to build high power, yet light weight machines.
High power and reliability

The Pentruder high frequency concrete cutting machines are designed with high power and reliability as main targets.

A foundational piece of any Pentruder Concrete Cutting System is the 400Hz High frequency technology. The 400Hz system is the optimal balance between power density and durability.

Pentruder’s 400Hz High frequency technology ensures high reliability, exceptional bearing life, and minimal and infrequent maintenance.

Modular system

By using the same high frequency drive system for wall sawing, wire sawing, drilling and chain sawing the overall investment is less.

Durable performance

Pentruder concrete cutting machines are known for their durable performance.

A combination of advanced and experience-tempered designs, attention to detail, and function-specific materials ensure that your choice in Pentruder is an investment in long-term productivity.
The Pentruder high frequency drive system

HF motors with reliable power and high efficiency

- Operate a full range of Pentruder high frequency, or HF, equipment simply by connecting the same Pentpak, remote control, motor, and cables to a wall saw, a wire saw or a core drill
- Superior materials. The motor is built of highest quality components, such as a hand built copper rotor, to ensure maximum performance.

- Helical precision ground gears transfer power reliably and with minimal losses and heat build up.
- Reliable 400 Hz technology. Highly reliable motor and long bearing life.
- A double cooling system for the HF motor gives sustained reliable power and high efficiency.

Quick release coupling for HF-motor on saw head, wire saw or drill unit

Robust and repairable connectors

Very efficient cooling system

Slip clutch protects the HF-motor if a blade is jammed

Overview of HF motors, power pack and Pentruder machines

<table>
<thead>
<tr>
<th></th>
<th>8-20HF</th>
<th>CBK</th>
<th>6-10HF</th>
<th>3P8</th>
<th>CW630/CW630 Flush</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 kW</td>
<td>O</td>
<td>O</td>
<td>R</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>18 kW</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>22 kW</td>
<td>R</td>
<td>R</td>
<td>-</td>
<td>R</td>
<td>-</td>
</tr>
<tr>
<td>Pentpak 427</td>
<td>R</td>
<td>R</td>
<td>R</td>
<td>R</td>
<td>R</td>
</tr>
</tbody>
</table>

* The HF motor is fixed on the CW630 chain saw
R = Recommended, O = OK, - = not possible
Modularity for professional concrete cutters

Pentpak 427, a light weight power pack for all Pentruder HF machines

- Thanks to our digital communication system the same high frequency drive system is used for wall sawing, wire sawing, drilling and chain sawing.
- The power pack will recognize what motor and machine it is connected to and automatically use the right software for optimum easy of use and performance.
- Thanks to the intelligent Pentruder autofeed system, the high frequency machines will always work at maximum power and the cutting will be smooth and uninterrupted.
- Intelligent software makes it possible to run the HF machines on such small fuses as 16 ampere (up to 22 kW) at 380 - 480 volt.
- The Pentpak high frequency power packs are made from top quality components chosen for their reliability and longevity.
- The HF power pack is insensitive for fluctuations in power. The frequency inverter works as a stabilizer for incoming power and protects the electrical drive motor.

Technical Data Pentruder high frequency drive system

<table>
<thead>
<tr>
<th>Pentpak 427 HF power pack motor</th>
<th>15 / 18 / 22 kW HF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input voltage</td>
<td>380 – 480 V</td>
</tr>
<tr>
<td>Input frequency</td>
<td>50 – 60 Hz</td>
</tr>
<tr>
<td>Minimum fuse</td>
<td>16 Ampere</td>
</tr>
<tr>
<td>Recommended fuse</td>
<td>40 Ampere</td>
</tr>
<tr>
<td>Current draw at max output</td>
<td>56 Ampere</td>
</tr>
<tr>
<td>Recommended gen.size</td>
<td>45 kVA/35 kW</td>
</tr>
</tbody>
</table>
# Modules high frequency drive system

<table>
<thead>
<tr>
<th>Part number</th>
<th>MCCS Code</th>
<th>Description</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pentruder high frequency motors</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>07154001DIG</td>
<td>HFR415</td>
<td>High frequency motor, 15 kW - 400V</td>
<td>29 lbs</td>
</tr>
<tr>
<td>07184001DIG</td>
<td>HFR418</td>
<td>High frequency motor, 18 kW - 400V</td>
<td>36 lbs</td>
</tr>
<tr>
<td>07224001DIG</td>
<td>HFR422</td>
<td>High frequency motor, 22 kW - 400V</td>
<td>39 lbs</td>
</tr>
</tbody>
</table>

![HFR415](image1.png) ![HFR422](image2.png)  

<table>
<thead>
<tr>
<th>Pentpak high frequency power pack, cables and remote control units for all Pentruder HF machines</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>09274001DIG PP427 PP427 High frequency power pack, 380 - 500V, 50 - 60 HZ</td>
<td></td>
<td></td>
<td>57 lbs</td>
</tr>
<tr>
<td>64900201</td>
<td>HV400-9-30 High voltage cable, 400V, 9m</td>
<td></td>
<td></td>
</tr>
<tr>
<td>64900101</td>
<td>LV24-9-30 Low voltage cable, 24V, 9m with water hose</td>
<td></td>
<td></td>
</tr>
<tr>
<td>64190401</td>
<td>CRC-HF Cable remote control</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WRC-HF</td>
<td>WRC-HF Wireless remote control</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

![PP427 Powerpack](image3.png)  

![HV400-9-30 400 V Cable](image4.png)  

![LV24-9-30 24 V Cable](image5.png)  

![CRC-HF Cable remote control](image6.png)  

![WRC-HF Wireless Remote Control](image7.png)
The Pentruder high frequency wall saws offer a wide range of features for best productivity

Pentruder system features that perform for you every day

### High precision cuts

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Large diameter axial arm bearing</td>
<td>Maximum rigidity for cut precision and reduced blade wear</td>
</tr>
<tr>
<td>Optimal vertical roller configuration</td>
<td>Provides alignment of forces for stability and cut precision</td>
</tr>
<tr>
<td>Conical self cleaning low wear rollers</td>
<td>Best support and control of the saw head</td>
</tr>
<tr>
<td>Vertical orientation aluminum track</td>
<td>Maximum stiffness and lightweight</td>
</tr>
</tbody>
</table>

### Easy setup

**Easy to use track system saves time and trouble when setting up the machine**

Swivelling track feet only needs to be set up once in each corner when cutting a rectangular opening

- Quick release for HF motor
- Installation or removal in a few seconds
- Quick disconnect blade flange coupling
- Radial mounting of the saw blade

Scan the QR-code for short operator manuals
## Best cutting performance

**Multistep gearbox**  
For maximum torque with any blade size

**Variable spindle speeds within each gear**  
Maximum cutting control for each blade size

**Pentruder autofeed**  
Maximum power output at all times for smooth and uninterrupted cutting

## Robust, lightweight build

**Aircraft grade billet aluminum**  
Durable, lightweight saw head - stronger than castings

**Adjustable lightweight blade guards**  
Choose from swing, parallel, full, or flush

**Robust and repairable connectors**  
Made in house for maximum durability. Replace connector inserts easily with standard hand tools.

## High power and reliability

**Powerful HF motors**  
High torque and power, superior materials and precision ground gears and efficient internal cooling

**400 Hz technology**  
High reliability for maximum up-time

**Internal HF motor double cooling system**  
Sustained power and high efficiency

**Integrated HF motor slip clutch**  
Protects the HF motor if a blade is jammed

**Integrated stick-slip arm clutch**  
Reduces vibration for cut precision, reduces blade wear, and protects arm transmission
Overview Pentruder high frequency wall saws

Real work tools for true professionals and everyday performance

<table>
<thead>
<tr>
<th>Part number</th>
<th>MCCS Code</th>
<th>Description</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>10050101DIG</td>
<td>8-20HF</td>
<td>Saw head Pentruder 8-20HF for 15, 18 or 22 kW HF motors.</td>
<td>56 lbs</td>
</tr>
<tr>
<td>10090101DIG</td>
<td>CBK</td>
<td>Saw head Pentruder CBK for 15, 18, 22 or 27 kW HF motors</td>
<td>54 lbs</td>
</tr>
<tr>
<td>10060201DIG</td>
<td>6-10HF</td>
<td>Saw head Pentruder 6-10HF for 15 or 18 kW HF motors</td>
<td>40 lbs</td>
</tr>
</tbody>
</table>

Overview - Technical data Pentruder high frequency wall saws

<table>
<thead>
<tr>
<th></th>
<th>8-20HF</th>
<th>CBK</th>
<th>6-10HF</th>
</tr>
</thead>
<tbody>
<tr>
<td>HF motors:</td>
<td>15, 18, 22 kW</td>
<td>15, 18, 22 kW</td>
<td>15, 18 kW</td>
</tr>
<tr>
<td>Max torque:</td>
<td>405 Nm</td>
<td>275 Nm</td>
<td>165 Nm</td>
</tr>
<tr>
<td>Gearbox:</td>
<td>4-speed</td>
<td>1-speed</td>
<td>1-speed</td>
</tr>
<tr>
<td>Electronically variable speed:</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Max blade:</td>
<td>79”</td>
<td>63”</td>
<td>48”</td>
</tr>
<tr>
<td>Max cutting depth:</td>
<td>36.4”</td>
<td>28.5”</td>
<td>20.2”</td>
</tr>
<tr>
<td>Max start blade mm:</td>
<td>39.4”</td>
<td>36”</td>
<td>30”</td>
</tr>
<tr>
<td>Weight:</td>
<td>56 lbs</td>
<td>54 lbs</td>
<td>40 lbs</td>
</tr>
</tbody>
</table>
# Recommended start package HF wall saws

System accessories designed for easy and quick setup

## HF drive system
- 22kW HF motor
- Pentpak 427
- WRC Wireless Remote Control
- 24 V Cable
- 400 V Cable

## HF wall saw
- Saw head

## Blade guards
- GH-SWI Blade guard frame for standard guards
- GS Full 800 800 mm full blade guard
- GSF Flush 800 800 mm flush blade guard

## Blade flanges
- QE Blade flange assembly
- QEF60-130 - Flush 1 3/8” arbor

## Other accessories
- Covers for digital connectors
- Toolkit
- Template for positioning of track foot
- Transport trolley TYHF for HF wall saws

## Track system
- TS Track 1.15 and 2.3 m
- TF2S Track foot symmetric x 3
- TSP1 Track stop x 2
- TSS300 Joint block

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Watch short operator manuals for Pentruders Wall saws at our Youtube channel
Scan the QR-code or visit us at www.youtube.com/c/PentruderConcreteCuttingSystems

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## Pentruder 8-20HF

**Strong and versatile for all wall sawing jobs**

- The Pentruder 8-20HF will cut with optimum power on every size blade. It will help you do the most demanding jobs very efficiently.
- Can be used with the 15, 18 or 22 kW HF motor.
- For 31” up to 79” blades.
- The 8-20 wall saws are made for durable performance. Every day.

### Specifications 8-20HF, 22 kW

<table>
<thead>
<tr>
<th>Power</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Saw blade motor</td>
<td>400 Hz high frequency motor</td>
</tr>
<tr>
<td>Max continuous output power</td>
<td>22 kW</td>
</tr>
<tr>
<td>Min fuse</td>
<td>16 Amp</td>
</tr>
<tr>
<td>Max output torque</td>
<td>405 Nm in 1st gear</td>
</tr>
<tr>
<td>Spindle speed under load</td>
<td></td>
</tr>
<tr>
<td>1st gear</td>
<td>350 - 510 rpm</td>
</tr>
<tr>
<td>2nd gear</td>
<td>500 - 735 rpm</td>
</tr>
<tr>
<td>3rd gear</td>
<td>630 - 925 rpm</td>
</tr>
<tr>
<td>4th gear</td>
<td>790 - 1165 rpm</td>
</tr>
</tbody>
</table>

In each gear, the spindle speed is electronically variable with the remote control. See operator’s manual for detailed charts.
• The Pentruder CBK offers a combination of high performance and easy handling.
• Can be used with all HF motor from Pentruder

Pentruder CBK
Strong and easy to use, all-round wall saw

Technical Data Pentruder CBK wall saw

<table>
<thead>
<tr>
<th>Specifications</th>
<th>CBK</th>
<th>CBK, 22 kW</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Blade info</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Saw blade diameter max.</td>
<td>63”</td>
<td></td>
</tr>
<tr>
<td>Max cutting depth with max. blade</td>
<td>28.5”</td>
<td></td>
</tr>
<tr>
<td>Max start blade</td>
<td>36”</td>
<td></td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight saw head</td>
<td>54 lbs</td>
<td></td>
</tr>
<tr>
<td>Weight 22 kW HF motor</td>
<td>39 lbs</td>
<td></td>
</tr>
<tr>
<td>Total weight incl. 22 kW HF motor</td>
<td>93 lbs</td>
<td></td>
</tr>
<tr>
<td><strong>Power</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Saw blade motor</td>
<td></td>
<td>400 Hz high frequency motor</td>
</tr>
<tr>
<td>Max continuous output power</td>
<td>22 kW</td>
<td></td>
</tr>
<tr>
<td>Min fuse</td>
<td>16 Amp</td>
<td></td>
</tr>
<tr>
<td>Max output torque</td>
<td>275 Nm</td>
<td></td>
</tr>
<tr>
<td>Spindle speed under load</td>
<td>600 - 996 rpm</td>
<td>The spindle speed is electronically variable with the remote control. See operator’s manual for detailed charts.</td>
</tr>
</tbody>
</table>
Pentruder 6-10HF Service Saw
Easy to use wall saw for the majority of cutting jobs

• The Pentruder 6-10HF is a very user friendly wall saw.
• The spindle speed is varied electronically with the potentiometer. There is no mechanical gearbox.
• Handles the majority of all wall sawing jobs very efficiently.

Technical Data Pentruder 6-10HF wall saw

<table>
<thead>
<tr>
<th>Specifications</th>
<th>6-10HF, 15 kW</th>
<th>6-10HF, 18 kW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Saw blade motor</td>
<td>400 Hz high frequency motor</td>
<td></td>
</tr>
<tr>
<td>Max continuous output power</td>
<td>15 kW</td>
<td>18 kW</td>
</tr>
<tr>
<td>Min fuse</td>
<td>16 Amp</td>
<td>16 Amp</td>
</tr>
<tr>
<td>Max output torque</td>
<td>130 Nm</td>
<td>165 Nm</td>
</tr>
<tr>
<td>Spindle speed under load</td>
<td>815 - 1200 rpm</td>
<td>815 - 1200 rpm</td>
</tr>
</tbody>
</table>

The spindle speed is electronically variable with the remote control. See operator’s manual for detailed charts.
Pentruder CW630/CW630 FLUSH HF chain saw

- Designed to run ICS bars, chains, and sprockets for optimum performance with cutting depths up to 25”.
- High quality, reliable drive motor with 9 kW output power on the saw chain.
- Easy to use indoors without emissions or hydraulic hoses.
- Runs from the Pentpak HF power packs.

- Engineered to stand up to your toughest jobs thanks to efficient motor cooling, durable rear handle and an easy to replace drive sprocket.
- To be used with the ICS FORCE4® and PowerGrit® Chains

Technical Data Pentruder CW630/CW630 FLUSH HF chain saw

<table>
<thead>
<tr>
<th>Specifications</th>
<th>CW630/CW630 FLUSH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight &amp; dimensions</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>33 lbs with 15” bar and chain</td>
</tr>
<tr>
<td>Bar length</td>
<td>10”, 15”, 20”, 25”</td>
</tr>
<tr>
<td>Motor speed</td>
<td>6500 rpm</td>
</tr>
<tr>
<td>Powerhead dimensions</td>
<td></td>
</tr>
<tr>
<td>Length</td>
<td>23”</td>
</tr>
<tr>
<td>Height</td>
<td>10.4”</td>
</tr>
<tr>
<td>Width</td>
<td>9.4”</td>
</tr>
<tr>
<td>Power</td>
<td></td>
</tr>
<tr>
<td>Output power</td>
<td>9 kW</td>
</tr>
<tr>
<td>Vibration, sound and noise levels</td>
<td></td>
</tr>
<tr>
<td>Vibration level</td>
<td>2.4 meters/second²; (front handle); 4.5 meters/second² (rear handle)</td>
</tr>
<tr>
<td>Sound level</td>
<td>94 dB @ 1 m</td>
</tr>
<tr>
<td>Noise level</td>
<td>103 dB @ 1 m</td>
</tr>
<tr>
<td>Water</td>
<td></td>
</tr>
<tr>
<td>Water cooling</td>
<td>Min. 1 gallon/4 litres of cool water/min at full power output</td>
</tr>
<tr>
<td>Water pressure</td>
<td>Minimum 20 psi (1.5 bar)</td>
</tr>
</tbody>
</table>
Pentruder 3P8 HF wire saw

Combines low weight with extraordinary performance for both small and big jobs

- Combines low weight with extraordinary performance and is suitable for both small and very big jobs.
- Recommended to use with the 18 or 22 kW HF motor.
- Quick and easy set up thanks to the modular build up. Mostly a direct cut without extra satellite pulleys is possible.
- All of the wire saw modules weigh less than 55 lbs.
- The start of the wire is very easy thanks to the electrical automatic feed and high power of the drive motor.
- The automatic feed makes it very easy to run the saw and it also extends the lifetime of the wire.
- Optimal force transmission thanks to 20” main drive pulley. The wire wraps around the main drive pulley 270°, which gives superb traction also when the wire has low tension during start up.

Technical Data Pentruder 3P8 HF wire saw

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Power</th>
<th>Storage</th>
<th>Weight wire saw modules</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power</strong></td>
<td>Drive motor</td>
<td>Storage in pulleys</td>
<td>3P8-DP-HF Drive pulley, electric</td>
</tr>
<tr>
<td></td>
<td>400 Hz high frequency motor 18, 22 or 27 kW</td>
<td>21 feet</td>
<td>3P8-UA Upper assembly</td>
</tr>
<tr>
<td></td>
<td>Max continuous output power 18 kW</td>
<td>Storage capacity</td>
<td>3P8-LA Lower assembly</td>
</tr>
<tr>
<td><strong>Pulleys</strong></td>
<td>Main drive pulley 20”</td>
<td>Max approximately 65 ft</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Storage pulleys 8” O.D</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Wire</strong></td>
<td>Wire 8-12 mm</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Recommended start package 3P8 wire saw with 70 mm column or track system as rig

Same HF drive system as the wall saws for less overall investment

### HF drive system

- 22kW HF motor
- Pentpak 427
- 24 V Cable
- 400 V Cable
- WRC Wireless Remote Control

### Rig 70 mm column system

- CE1-70 Carriage, with FE1 Friction brake
- CN-F/M column, Female/Male coupling 47” x 2
- CE1-70-3P8 Upper carriage, automatic feed
- BFC5 Base plate with fixed swivelling coupling

### Wire saw guard

- 3P8-TG Guard, upper assembly
- 3P8-DPG Guard, drive pulley
- 3P8-LMG Guard, storage pulleys
- 3P8-SSG Guard, slack side telescoping guard

### Wire saw modules

- 3P8-LA Upper assembly
- 3P8-LA Lower assembly
- 3P8-DP-HF Drive pulley, electric
- Slip clutch for HF motor

### Accessories

- WSP2-90 Satellite pulleys, universal, 2-link, 90°
- WSP2-180 Satellite pulleys, universal, 2-link, 180°
- WSP1-F Satellite pulley, single, flush
- Covers for digital connectors
- HK-1 Hand crank
- Toolkit

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Pentruder universal drill rig for TS track
Light-weight, yet very stable drill rig for any kind of drill motor

- Drill up to 29.5” with the CER Roller carriage and over 39” with the CEG Carriage.
- Stepless adjustment of angle forwards and backward until 60°.
- High quality in the smallest detail makes this drill rig very durable.
- Wheel kits for easy transport.

### Technical Data Pentruder universal drill rig

<table>
<thead>
<tr>
<th>Weight</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BTS4 / BTS5 Base plate</td>
<td>18.2 lbs / 30 lbs</td>
</tr>
<tr>
<td>TS Track, 0.85 / 1.15 / 2 / 2.3 / 3.45 m</td>
<td>15.4/foot</td>
</tr>
<tr>
<td>CER-M3-U Carriage rollers, manual feed, for use with other drill motors</td>
<td>8.8 lbs</td>
</tr>
</tbody>
</table>

Line and corner drilling carriage for TS track

The most efficient way to line drill with any drill motor

- The CEL-TS Line and corner drilling carriage will make line drilling easy. For extra stability, use it with the CT-CEL Back support.
- The CEL-TS Line and corner drilling carriage can be used as a simple pivoting head, providing a fixed coupling at 90° angle to the track.
- With a combination of different MCCS modules, the professional concrete cutter can solve the most challenging drilling jobs.
- Used with any of the CER and CEG Carriages.
### Core drill modules overview

**A heavy duty drill rig with just a few modules**

#### Pivoting head and line drilling modules

<table>
<thead>
<tr>
<th>Image</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="CEG-PDT1 Pivoting head incl support" /></td>
<td>CEG-PDT1 Pivoting head incl support</td>
</tr>
<tr>
<td><img src="image2" alt="CEL-TS Line and corner drilling carriage for TS Track" /></td>
<td>CEL-TS Line and corner drilling carriage for TS Track</td>
</tr>
<tr>
<td><img src="image3" alt="CT-CEL Back support for CEL-TS" /></td>
<td>CT-CEL Back support for CEL-TS</td>
</tr>
<tr>
<td><img src="image4" alt="CEL-CN Line and corner drilling carriage for TS Track and CN Column" /></td>
<td>CEL-CN Line and corner drilling carriage for TS Track and CN Column</td>
</tr>
</tbody>
</table>

#### Rig TS track system modules

<table>
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<tbody>
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<td><img src="image5" alt="CER-M3-U Carriage rollers, manual feed, for use with other drill motors" /></td>
<td>CER-M3-U Carriage rollers, manual feed, for use with other drill motors</td>
</tr>
<tr>
<td><img src="image6" alt="ERMD1 Extension adapter" /></td>
<td>ERMD1 Extension adapter</td>
</tr>
<tr>
<td><img src="image7" alt="HK-1 Hand crank" /></td>
<td>HK-1 Hand crank</td>
</tr>
<tr>
<td><img src="image8" alt="Knuckle bar 400 mm, 1/2”" /></td>
<td>Knuckle bar 400 mm, 1/2”</td>
</tr>
<tr>
<td><img src="image9" alt="TS Track, 33”, 45”, 67”, 79”, 90”, 11.2ft." /></td>
<td>TS Track, 33”, 45”, 67”, 79”, 90”, 11.2ft.</td>
</tr>
<tr>
<td><img src="image10" alt="TP3 Track stop" /></td>
<td>TP3 Track stop</td>
</tr>
<tr>
<td><img src="image11" alt="RT-TS1 Rear support for TS Track" /></td>
<td>RT-TS1 Rear support for TS Track</td>
</tr>
<tr>
<td><img src="image12" alt="BTS4 Base plate" /></td>
<td>BTS4 Base plate</td>
</tr>
<tr>
<td><img src="image13" alt="WT-BTS4 Wheel kit" /></td>
<td>WT-BTS4 Wheel kit</td>
</tr>
<tr>
<td><img src="image14" alt="BTS5 Base plate heavy duty" /></td>
<td>BTS5 Base plate heavy duty</td>
</tr>
<tr>
<td><img src="image15" alt="WT-BTS5-200 Wheel kit" /></td>
<td>WT-BTS5-200 Wheel kit</td>
</tr>
<tr>
<td><img src="image16" alt="WT-BTS5-300 Wheel kit" /></td>
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</tr>
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</table>

Overview Pentruder Concrete Cutting System

**HF-power packs**
- Pentpak 427, 3-phase

**Remote control and cables**
- Cable remote control CRC-HF
- Wireless remote control WRC-HF
- HV400-9-30 and LV24-9-30, 400V and 24V cables with digital communication connectors

**Electrical motors**
- 22 kW HF
- 18 kW HF
- 15 kW HF

**Wall saws**
- Pentruder 8-20HF
  - Max 79" blade
  - Max cutting depth 36.4"

**Wire saw modules**
- Pentruder 6-10HF
  - Max 48" blade
  - Max cutting depth 20.2"

**Drilling modules**
- Track system for wall sawing
- Wire sawing
- Drilling

**Single T-slot track (TS)**
- TS0.85 33"
- TS1.15 45"
- TS1.7 67"
- TS2.0 79"
- TS2.3 90"
- TS3.45 11.28"

**Track foot symmetric TF2S**
- TF2S Swivelling fork

**Track foot angular TFAB**
- TFAB Angle cutting attachment, to be used with TF2S

**Base plate BTS-4**
- BTS-4 For TS Track
- WT-BTS4 Wheels for BTS-4

**CT-CEL Back support for CEL-TS**

**Line and corner drilling carriage**
TS Track system

15 kW HF
Pentruder 6-10HF

18 kW HF
Pentruder 3P8

Universal

HK-1 Hand crank for CER and CERG carriages and MDU

CER-M3-U Carriage Manual Universal

RST-TS1 Back support for TS track

Base plate BTS-5

BTS-5 For TS Track

WT-BTS2-200 Wheels for BTS-4

WT-BTS2-300 Wheels for BTS-5

6-10HF

3P8-LA Up to 65 ft storage capacity

3P8-UA
Overview Pentruder Concrete Cutting System

HF power pack

Pentpak 427, 3-phase

Remote control and cables

22 kW HF
18 kW HF
15 kW HF

Electrical motors

Pentpak HF power pack
Up to 27 kW

Cable remote control CRC-HF
HV400-9-30, 400V cable with digital communication connectors

Wireless remote control WRC-HF
LV24-9-30, 24V cables with digital communication connectors

Wire saw modules

Drilling modules

Pentruder 3P8

22 kW HF 18 kW HF 15 kW HF

HV400-9-30, 400V cable with digital communication connectors

LV24-9-30, 24V cables with digital communication connectors

22 kW HF 18 kW HF 15 kW HF

18 22 27 kW HF

Carriages

Rig system with 70 mm column for wire sawing drilling

Upper carriage
Lower carriage
Cartage el. feed
Cartage man. feed
Friction brake
Hand crank for CER and CEG carriages and MDU

CE1-70-3P8
CE1-70
FE-1
HK-1

Base plate

WT-BFC5-300
Wheels for BFC5

RST-CN-U Universal Rear Support for CN column

RST-CN-M For male coupling

RST-CN-U Universal Rear Support for CN column

HFR22-400
HFR18-400
HFR15-400
CN Column system

CT-CEL Back support for CEL-CN and CEL-TS

CEL-CN Line and corner drilling carriage for TS track and CN column

Track foot TF2S

TF2S Swivelling fork

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