

DEMCO WIRE SAW UNICUT



PASSION. INNOVATION. EXCELLENCE.

DEMCO WIRE SAW UNICUT

Demco Technic AG has been developing and producing special-purpose machine and tools for modern concrete processing since 1988. Electrical wall saws with high-frequency technology, lightweight core drill rigs and reliable demolition tools are just some of the technical innovations successfully launched by Demco Technic. Now available at TRAXX you too can benefit from Demco's expertise, and experience the power of their Swiss concrete processing technology for yourself.

UNICUT COMPONENTS



SWIVEL PULLEYS

Together with the UNICUT system, a complete new roller system was also developed. With few components and utilizing standard scaffold tubes (2"), all the necessary tasks can be solved.

USER FRIENDLY

The UNICUT is user-friendly and has no extra unnecessary components. Just remove the guards to carry out setup or inspection work. The display shows easily and quickly. System status such as: Cutting speed, error messages, temperatures and more.

WIRELESS CONTROL UNIT

Heavy-duty remote control unit allows user friendly control and ensures easy handling.



INVESTMENT PROTECTION

Only ONE drive system for wall saw and wire saw protects your investment and ensures easy handling. The UNICUT® wire saw and the CAPTOR family of saws work with the same control units and drive units. Wired or wireless possible. Runs at 16A or 32A power connection!



3:0 for ServoDrive from Demco Technic AG

1. Low maintenance costs

The servo drive is operating @ a low HighCycle range and preserves material. Very long service intervals (200 hours) allow lowest operating and maintenance costs!

2. Light and economical

The Servo Drive is a direct comparison about 40% lighter than conventional drives and takes up 40% less power!

3. Highest performance & efficiency

The Servo Drive impresses with high torque and the highest power density of any currently available drive technologies.

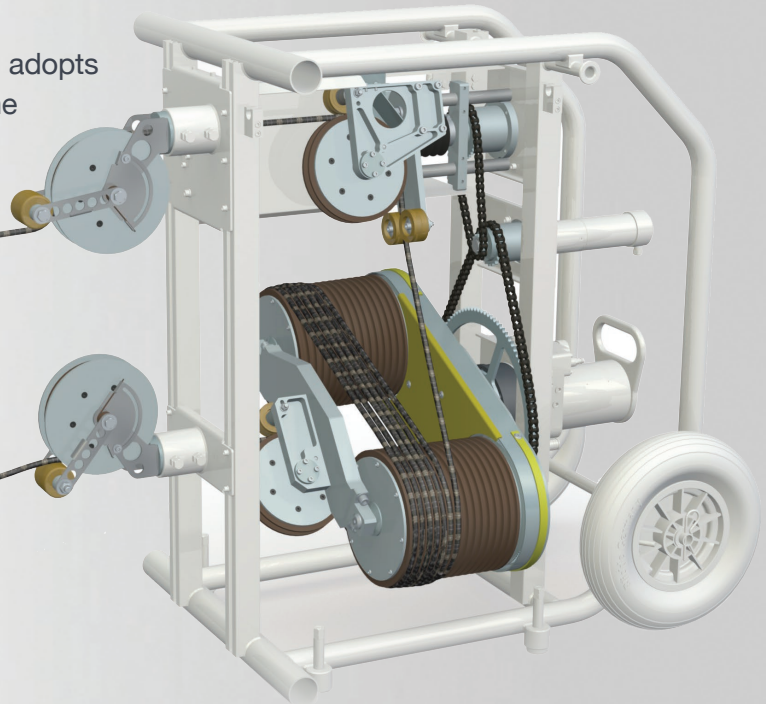
HOW THE UNICUT WORKS

The UNICUT® breaks with all known conventions, and adopts a new system for the drive and especially for storing the diamond wire.

The patented UNICUT® winder unit serves as drive and wire storage at the same time.

The system is always ready to use, whether there is 2m or 20m in the storage magazine. The electronic controls the wire winding automatically.

This means there is no need to interrupt the work process to expand the storage capacity.
The UNICUT® Servo wire saw works with the proven ServoDrive of the CAPTOR wall saw.



PATENTED SYSTEM

The wire storage system patented by Demco Technic AG achieves an ideal combination of ServoDrive performance with minimal weight. Rapid working and minimal maintenance are the results of many years of development and extensive product testing.

THE ADVANTAGES FOR YOU

- 25 m wire storage
- Uninterrupted working
- No wire twisting required
- Lightweight construction
- No slip on the drive wheel
- Total Wire management

SYSTEM DESIGN

The UNICUT® is completely enclosed in operation, guaranteeing a high standard of safety and minimal dust emission. All safety guards are naturally easy to open, dismantle and of lightweight construction



SAFETY

The UNICUT is completely enclosed in operation, guaranteeing a high standard of safety.

TRANSPORT

The UNICUT weighs only around 150 kg, so it is easy to transport. It has extra-large wheels, fitted with maintenance-free solid foam tires.

SWISS MADE BY DEMCO TECHNIC AG

Another Swiss innovation. The patented UNICUT winder system.

UNICUT WIRESAW SPECIFICATIONS

MOTOR-TYPE	ServoDrive water-cooled
POWER	18.5kW 32Amp. / ca. 8kW 16Amp
OPERATING VOLTAGE	3x400 volt 50 Hz
DRIVE	UNICUT® ServoDrive
WIRE SPEED	Stepless 0-30m/sec.
CONTROL VOLTAGE	48 VOLT DC
MANUAL CONTROL	wired or wireless
FEED DRIVE	DC motor
DIAMOND WIRE-Ø	8mm - 10.5mm
DIAMOND WIRE MINIMAL	approx. 3 m
DIAMOND WIRE MAXIMAL	approx. 30 m
WATER SUPPLY	Water lance
DIMENSIONS	Height 1200mm, Width 740mm, Length 1300mm
WEIGHT (EX SERVODRIVE)	145kg
WEIGHT (INCL SERVODRIVE)	155kg

ACCESSORIES

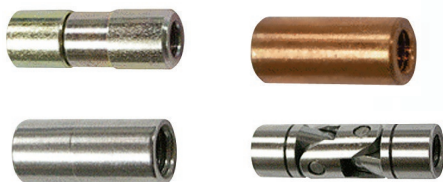
WE OFFER A VAST RANGE OF WIRE AND ACCESSORIES FOR ALL APPLICATIONS.

DIAMOND WIRE

All Traxx wires are assembled for longevity and safety. All beads are pressed onto the carrier wire, before springs and rubber injection is applied.



JOINERS



ASSEMBLING PRESS AND DIE



SWIVEL PULLEY Ø200MM

The Unitcut pulleys are the result of many years of experience and extensive product testing. Aluminium/ steel construction for light weight. Replaceable rubber rolls for rapid, convenient and cost-efficient use. Choose as standard or with an adjustable contact roll for the reduction of wire vibrations.



WIRESAW PULLEYS

A full range of pulleys and accessories available.

