

Worldwide unique  
ATEX certified  
wire saw system



## **ATEX CERTIFIED WIRE SAW SYSTEM**

For explosive areas (EX ZONE 1, II 2G IIA C T3)

## ATEX certified PREMIUM Diamond wire saw system

TYROLIT is worldwide the unique supplier that offers an ATEX certified wire saw system for explosive areas of zone 1 (EX Zone 1, II 2G II A c T3). The system consists of an hydraulic wire saw and electroplated diamond wire for steel and was tested by GexCon in Norway, according to the current ATEX guidelines. The certification was awarded by DNV Nemko Presafe AS.

This revolutionary cold cutting technique allows working on complex projects in explosive areas. There is no competitor worldwide that is able to offer the same system.

The hydraulic drive is in the certification not included. Your TYROLIT contact person will be pleased to help you choosing the right drive.



PREMIUM

### DWH-S ATEX saw wire

Electroplated | for steel



Electroplated diamond wire for steel. For the most demanding applications and solutions for complex projects.

- + **Especially for steel and nonferrous metal**
- + **Very fast cutting performance, very long lifetime and noticeable smooth running** due to special, optimised bead assembly and high bead count
- + **High level of safety** due to robust construction

Type No.	Dimension	Beads/m
34053745	11,0	46

## Wire saw SB

Gross wire length 15.5 m



Universal support: Wire can be diverted in any direction



Efficient power transmission through multi-pulley drive



Quiet running because of hydraulic wire tensioner



Size of wire storage can be decreased or increased in a glimpse

### Technical data

Wire	
Wire storage capacity	10 m
Gross wire length	15 m
Wire Ø, galvanic	11 mm

### Design

Size 3 hydraulic motor
7 drive pulleys Ø 200 mm (180)
Diverter pulleys Ø 200 mm (180)
Wire fed to wire storage using hydraulic cylinder

### Dimensions and weight

Height	1310 mm
Width	735 mm
Depth	750 mm
Weight	170 kg

### System & Accessories

Wire saw system SB	
961946	Wire saw SB
976165	Motor complete S 25ccm/FD; incl. leak oil conn.

### Accessories

976166	Motor complete S 31 ccm/FD; incl. leak oil conn.
976167	Motor complete S 40 ccm/FD; incl. leak oil conn.
976168	Motor complete S 50 ccm/FD; incl. leak oil conn.
961902	Pulley Ø 200 mm with hole Ø 13 mm (75 Shore)
961901	Diverter pulley Ø 200 mm
960575	Drive wheel lining Ø 200 mm (75 Shore)
977529	Lining for diverter pulley Ø 200 mm
977083	Water lance 2,5 m
977613	Protective sleeve cpl.
10988618	Water lance 8m
974066	Leakage oil hose 8 m FIRG
10997538	Paddle Flow Monitor PSR

**Tyrolit Construction Products GmbH**  
Swarovskistraße 33 | 6130 Schwaz | Austria  
Tel +43 5242 606-0 | Fax +43 5242 63398

Our **worldwide subsidiary companies** can be found  
on our website at [www.tyrolit.com](http://www.tyrolit.com)



Find us on social media  
**TYROLITgroup**