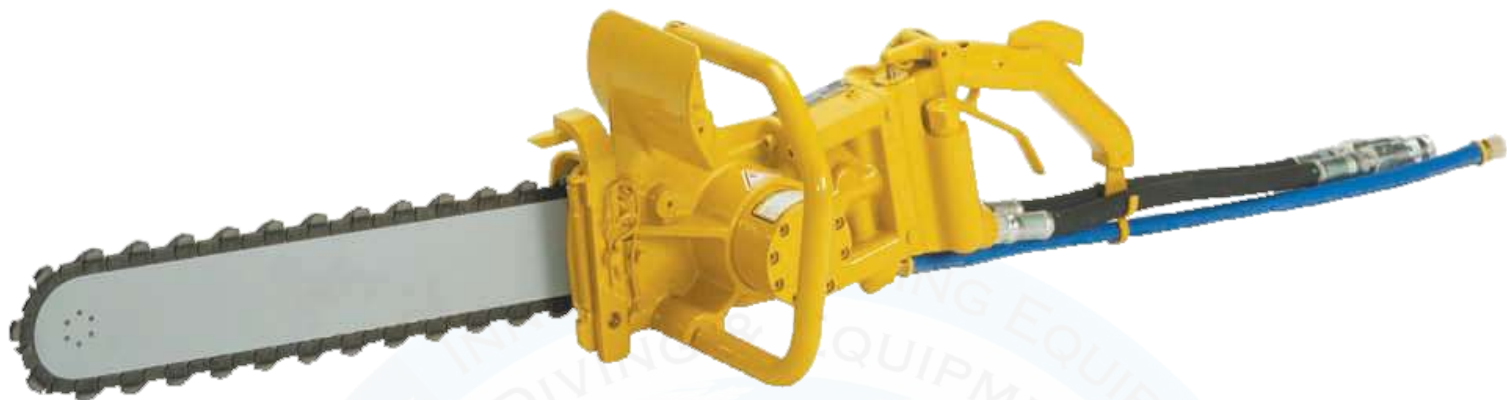


## UNDERWATER HYDRAULIC DIAMOND CHAINSAW SY-DS11



The **DS11** Diamond Chain Saw is specifically designed to cut solid concrete underwater. Cuts square corners without over-cut and can plunge cut sea walls up to 18" thick. Two available bar lengths (15" and 18") and two different chains depending on the amount of rebar and hardness of the concrete.

A minimum of 20 PSI water pressure is required at the saw for cooling and lubrication of the bar and chain. Painted hi-visibility yellow.

### FEATURES

- Direct drive motor - no chain coast when trigger is released
- Integral Stanley Hyrevz gear motor for durability and power
- Trigger activated water to bar and chain for lubrication
- Multi position trigger handle and Wall Walker reduces diver fatigue
- Heavy duty cast aluminum
- Cut steel reinforced concrete with Pinnacle chain
- Stainless Steel spool and fasteners
- Interlocking safety trigger and hand guard
- Pinnacle Chain: For Steel Reinforced, Heavy Aggregate Concrete
- Ultra Chain - For Light Wire Mesh, Soft/Green Concrete
- Order bar and chain separately – See Chart for Selection



## UNDERWATER HYDRAULIC DIAMOND CHAINSAW SY-DS11

### SPECIFICATIONS

|  |                                       |
|--|---------------------------------------|
| <b>Capacity</b>                          | 15 or 18" /<br>38 or 45 cm Bar        |
| <b>Chain Type</b>                        | Diamond Impregnated Chain<br>Segments |
| <b>Circuit Type</b>                      | Open Center                           |
| <b>Flow Range</b>                        | 12 gpm / 45 lpm                       |
| <b>Working Pressure</b>                  | 1000-2000 psi / 70-140 bar            |
| <b>Full Relief Settin</b>                | 2250 psi / 155 bar                    |
| <b>Weight<br/>(less bar &amp; chain)</b> | 28 lbs / 12.7 kg                      |
| <b>Length<br/>(with bar &amp; chain)</b> | 37 or 40" / 99 or 101.6 cm            |
| <b>Width</b>                             | 9" / 23 cm                            |
| <b>Couplers</b>                          | Yes                                   |
| <b>Hose Whips</b>                        | Yes (½" NPT Male Thread)              |
| <b>Lubrication/Cooling</b>               | Internal Water Channels in Bar        |

## UNDERWATER HYDRAULIC DIAMOND CHAINSAW SY-DS11

The chart below will assist in chain selection for balance of cutting performance and chain life

| Aggregate                      | Extra Hard     |                  | Hard                  | Medium              |           | Soft | Abrasive                                 |
|--------------------------------|----------------|------------------|-----------------------|---------------------|-----------|------|--|
| <b>Material</b>                | Chert<br>Flint | Basalt<br>Quartz | Granite<br>River Rock | Marble<br>Limestone | Sandstone |      | Masonry, Brick, Block,<br>Green Concrete |
| <b>Approximate Moh's Scale</b> | 9              | 8                | 7                     | 6                   | 5         | 4    | 3  |
| <b>Reinforcing Steel</b>       | Lots of Steel  |                  |                       | Some Steel          |           |      |  |
|                                | 1"             | Double Mat       | Single Mat            | #5                  | #4        | #3   | Wire Mesh                                |

### Saw Chain Wear (in-ft)

|                    |            |               |            |            |
|--------------------|------------|---------------|------------|------------|
| <b>Pinnacle-32</b> | 150 in-ft  | 600-800 in-ft | 2000 in-ft |            |
| <b>Pinnacle-39</b> |            |               |            |            |
| <b>Ultra-32</b>    | 2000 in-ft |               |            | 1500 in-ft |
| <b>Ultra-37</b>    |            |               |            |            |

### ORDERING INFORMATION

**PART NUMBER**

**Ds115000** Diamond Chain Saw, Underwater, No Bar & Chain  
Order Bar and Chain Separately Below

## UNDERWATER HYDRAULIC DIAMOND CHAINSAW SY-DS11

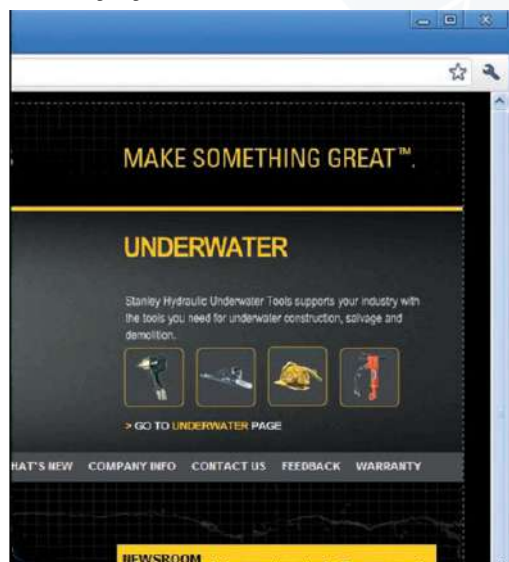
### ACCESSORIES

|                 |   |
|-----------------|---|
| <b>30305</b>    | 15" Bar, Sprocket Nose                  |
| <b>56801</b>    | 15" Diamond Chain, Ultra 32             |
| <b>56803</b>    | 15" Diamond Chain, Pinnacle, 32         |
| <b>30306</b>    | 18" Bar, Sprocket Nose                  |
| <b>56802</b>    | 18" Diamond Chain, Ultra 37             |
| <b>58632</b>    | 18" Diamond Chain, Pinnacle, 37         |
| <b>03971</b>    | Flush-Face Coupling Set, 3/8" NPT       |
| <b>03974</b>    | Flush-Face Coupling Set, 1/2" NPT       |
| <b>06830</b>    | Hose Whip 18" long, -8 SAE x 1/2" NPT   |
| <b>23517</b>    | Sprocket Wrench                         |
| <b>31848</b>    | Dual Hose, 50' x 1/2", with couplers    |
| <b>31972</b>    | Dual Hose, 25' x 1/2", with couplers    |
| <b>58633</b>    | Twinned Hose, 25' x 1/2", with couplers |
| <b>58634</b>    | Twinned Hose, 50' x 1/2", with couplers |
| <b>20859</b>    | Diamond Chain Butterfly Repair Kit      |
| <b>20857</b>    | Chain Repair Spinner                    |
| <b>20858</b>    | Chain Repair Breaker                    |
| <b>DCP30101</b> | Water Pump, 12 VDC, Battery Clip        |
| <b>DCP30100</b> | Water Pump, 12 VDC, Marine Type Plug    |

When hydraulic hose exceeds 100' (30.4 m) in length, increase I.D. of both pressure and return hose. For more information, consult Stanley Hydraulic Tools

### ACCESSORIES


To fill out a Product Warranty Recording form and for information on your warranty visit [stanleyhydraulic.com](http://stanleyhydraulic.com) and select the Warranty tab.








**UNDERWATER HYDRAULIC DIAMOND CHAINSAW SY-DS11**

# Contact us

 29th Street, Amman Road, Behind Al Huraiz Est. For Industry,  
Al Qusais, Industrial Area – 1,  
Dubai, United Arab Emirates

 Tel : 009714 2580533   
 Fax : 042516664   
 UAE : 00971505648178   
 UK : 00447951966260 

 Website : [www.synergiequipment.com](http://www.synergiequipment.com)  
 Email : [ram@synergiequipment.com](mailto:ram@synergiequipment.com)  
 For Sale : [info@synergiequipment.com](mailto:info@synergiequipment.com)

