

DS11 UNDERWATER DIAMOND CHAIN SAW

STANLEY®



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

SPECIFICATIONS

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

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

Aggregate	Extra Hard		Hard		Medium		Soft		Abrasive
Material	Chert Flint	Basalt Quartz	Granite	River Rock	Marble	Limestone	Sandstone		Masonry, Brick, Block, Green Concrete
Approximate Moh's Scale	9	8	7	6	5	4	3		
Reinforcing Steel	Lots of Steel				Some Steel				No Steel
	1"	Double Mat	Single Mat	#5	#4	#3	Wire Mesh		

Saw Chain Wear (in-ft)

Pinnacle-32 Pinnacle-39	150 in-ft	600-800 in-ft	2000 in-ft
Ultra-32 Ultra-37		2000 in-ft	1500 in-ft

ORDERING INFORMATION

PART NUMBER

DS115000 Diamond Chain Saw, Underwater, No Bar & Chain
Order Bar and Chain Separately Below

ACCESSORIES

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

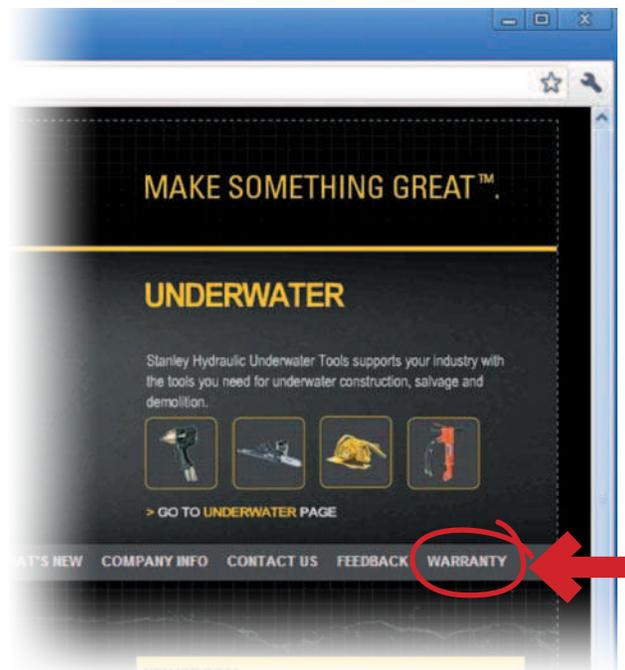
When hydraulic hose exceeds 100' (30.4 m) in length, increase I.D. of both pressure and return hose. For more information, consult Stanley Hydraulic Tools.

All Stanley Hydraulic Tools, parts, accessories and allied equipment are subject to design improvements, specifications and price changes at any time without notice and with no obligation to units already sold. Weights, dimensions and operating specifications listed herein are subject to change without notice. Where specifications are critical to your applications, please consult Stanley Hydraulic Tools.

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IMPORTANT

To fill out a Product Warranty Recording form and for information on your warranty visit stanleyhydraulic.com and select the Warranty tab.



Note: The warranty recording form must be submitted to validate the warranty.