

## DS11 Diamond Chain Saw



Specifications		
ITEM	U.S.A.	METRIC
Capacity	15 or 18 in. Bar	38 or 45 cm Bar
Performance	Concrete and Masonry Cutting	
Flow Range (Land Model)	7-9 gpm	26-34 lpm
(Underwater Model)	12 gpm	45 lpm
Pressure	2000 psi	140 bar
Ports	-8 SAE O-Ring	
Weight (with 18 in. bar, chain & couplers)	26 lbs.	11.8 kg
Length (with bar and chain)	35 or 38 in.	89 or 97 cm
Width	9 in.	23 cm
Connection	3/8 in. Flush-Face Quick Disconnect Coupler	
Hose Whips	Yes	
Lubrication/Cooling	Internal Water Channels in Bar	

### Features and Benefits

The Stanley Diamond Chain Saw brings new technology to the concrete cutting industry. Using segments impregnated with diamond and laser welded to the saw's chain, you can cut concrete (including wire or rebar reinforced), brick, concrete block, masonry or stone.

Whether you are in construction, remodeling, demolition, maintenance or rescue, Stanley has a saw and chain combination to complete your job efficiently and productively.

Square corner cut capability is inherent because the DS11 is a chain saw. IT cuts square corners without over-cuts and the labor and expense of corner drilling and patching. That's especially important in load-bearing walls where architects and engineers have specified no over-cut.

Plunge cut capability of the DS11 allows quick cutting of window, door, conduit and duct openings in walls and notching and trimming of concrete pipe.

Ergonomic handles and guards help to reduce operator fatigue and provide protection from contact with the chain or materials being cut.

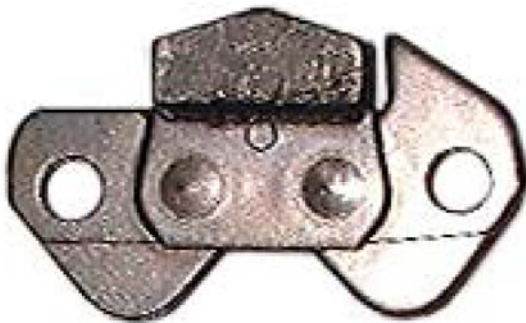
Heavy-duty cast aluminum chain guard prevents a loose or broken chain from being thrown from the saw.

Compatible with HTMA Class II hydraulic systems, the DS11 can be powered from a Stanley compact power unit or any properly equipped hydraulic source.



## DS11 Diamond Chain Saw Cont.

### DIAMOND CHAIN TECHNOLOGY



**Pinnacle Saw Chain Segment**



**Ultra Saw Chain Segment**

The newest generation of diamond chains with a break-through in diamond chain technology dramatically reduces the chain wear of cutting concrete. SealPro™ technology extends chain chassis life by up to 50% or more, simplifies water pressure requirements and reduces the frequency of chain tensioning adjustments on concrete chainsaws. SealPro™ technology incorporates a patented new chain chassis design that seals out the abrasive contaminants present in the concrete cutting environment. A unique O-ring design seals the rivet-joints of the chain, keeping the abrasive materials out and the lubrication in. Diamond chains with SealPro™ work at much lower water pressures than non-sealed diamond chains, completely eliminating the need for water booster pumps. The new chains can be used with water from an ordinary garden hose and will yield excellent chain life at pressures as low as 20 psi. No booster pump means simpler setup, reduced time on the job and less water to clean up afterwards. Other important advantages of SealPro™ technology result from the reduced chain stretch that occurs as the user gets full value from the most expensive component of the cutting system...the diamonds. It also means fewer tensioning adjustments over time.

The chart below will help you select the correct chain type for the balance of cutting performance and chain life that best meets the specific needs of each cutting application.

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
<b>Saw Chain Wear (in.-ft.)</b>							
Pinnacle-32	150 in-ft		600-800 in-ft			2000 in-ft	
Pinnacle-37							
Ultra-32			200 in-ft			1500 in-ft	
Ultra-37							



639 Manhattan Blvd.  
 Harvey, LA 70058 USA  
 TEL: (504) 362-8124  
 FAX: (504) 362-3600  
[www.aquaairind.com](http://www.aquaairind.com)  
 EMAIL sales@aquaairind.com

## DS11 Diamond Chain Saw Cont.

Ordering Information	
MODEL NO.	DESCRIPTION
DS113000	8 gpm, Less Bar / Chain, Flush Face Couplers Included, CE
DS115000	12 gpm, Less Bar / Chain, U/W

Accessories			
PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
20470	Drive Sprocket 14T	<b>Ultra Diamond Saw Chain</b>	
20857	Chain Repair Spinner	56801	Ultra-32, 15 in.
20858	Chain Repair Breaker	56802	Ultra-37, 18 in.
20859	Chain Repair Kit	<b>Pinnacle Diamond Saw Chain</b>	
22800	Bar Nose Repair Kit 14T	56803	Pinnacle-32, 15 in.
23176	Wall Walker™ Assembly	58632	Pinnacle-37, 18 in.
23517	Sprocket Wrench	Seal Pro™ is a registered trademark of ICS®, Blount Inc. Water flow of 3-5 gpm is recommended for the Diamond Chain. SpeedHook® is a registered trademark of ICS®, Blount Inc.	
28232	Tool Box		
30305	Bar, 15 in., 32 Drive Links		
30306	Bar, 18 in., 37 Drive Links		
31848	50 ft, ½ in. Dual Hose w/ couplers		
31972	25 ft, ½ in. Dual Hose w/ couplers		
58633	25 ft, ½ in. Twinned Hose w/ couplers		
58634	50 ft, ½ in. Twinned Hose w/ couplers	<b>Water Pumps</b>	
39496	SpeedHook® Kit	HWP10	Hydraulic Powered
39497	Hook Rail, 42 in. for SpeedHook®	26020	Kit, 60 Hz, 115/230 Volt
39498	SpeedHook® Mounting Assembly	26237	Kit, 50 Hz, 220/380/440 Volt
39501	Saw Mount Bracket for SpeedHook®	29361	Kit for Stanley HP1 Power Unit
39502	Saw Mount Adapter for SpeedHook®	60860	Water Flow Meter
40327	Hook Rail, 21 in. for SpeedHook		