

STANLEY

®

Diamond Chain Saw

DS11

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 97cm
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.

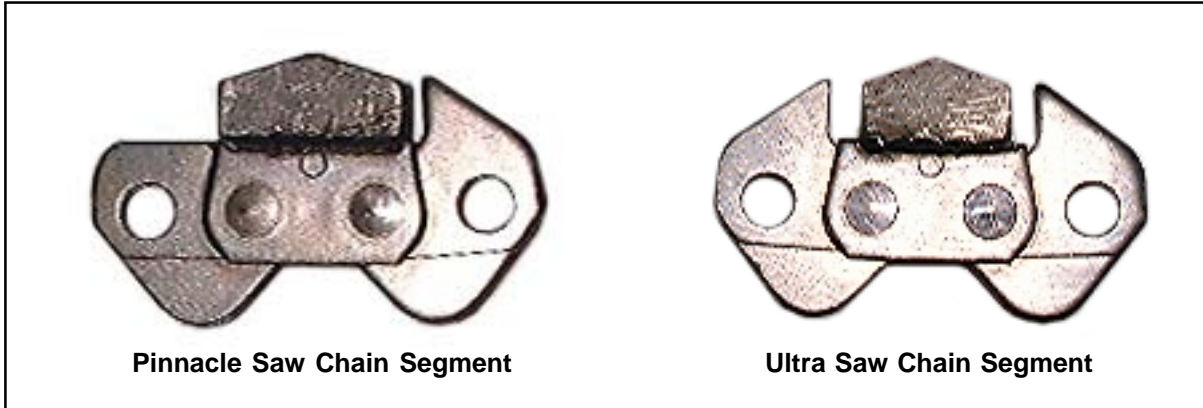
Ergonomic handles and guards help to reduce operator fatigue and provide protection from contact with the chain or materials being cut.

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.



DIAMOND CHAIN TECHNOLOGY



The newest generation of diamond chains with a breakthrough 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

Saw Chain Wear (in.-ft.)

Pinnacle-32	150 in-ft	600-800 in-ft	2000 in-ft
Pinnacle-37			
Ultra-32	200 in-ft	1500 in-ft	
Ultra-37			

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
20470	Drive Sprocket 14T
20857	Chain Repair Spinner
20858	Chain Repair Breaker
20859	Chain Repair Kit
22800	Bar Nose Repair Kit 14T
23176	Wall Walker™ Assembly
23517	Sprocket Wrench
28232	Tool Box
30305	Bar, 15 in., 32 Drive Links
30306	Bar, 18 in., 37 Drive Links
31848	50 ft, 1/2 in. Dual Hose w/couplers
31972	25 ft, 1/2 in. Dual Hose w/couplers
58633	25 ft, 1/2 in. Twinned Hose w/couplers
58634	50 ft, 1/2 in. Twinned Hose w/couplers
39496	SpeedHook® Kit
39497	Hook Rail, 42 in. for SpeedHook®
39498	SpeedHook® Mounting Assembly
39501	Saw Mount Bracket for SpeedHook®
39502	Saw Mount Adapter for SpeedHook®
40327	Hook Rail, 21 in. for SpeedHook®

PART NO.	DESCRIPTION
Ultra Diamond Saw Chain	
56801	Ultra-32, 15 in.
56802	Ultra-37, 18 in.
Pinnacle Diamond Saw Chain	
56803	Pinnacle-32, 15 in.
58632	Pinnacle-37, 18 in.

SealPro™ 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.

WATER PUMPS	
HWP10	Hydraulic Powered
26020	Kit, 60 Hz, 115/230 Volt
26237	Kit, 50 Hz, 220/380/440 Volt
29361	Kit for Stanley HP1 Power Unit
60860	Water Flow Meter

All Stanley Hydraulic Tools, parts, accessories and allied equipment are subject to design improvements, specification 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.

STANLEY'S LINE OF DIAMOND CUTTING TOOLS

DS06 DIAMOND CHAINSAW

ITEM	U.S.A.	METRIC
CAPACITY	13 in. Bar	33 cm Bar
PERFORMANCE	Concrete and Masonry Cutting	
FLOW RANGE	7 - 9 gpm	26 - 34 lpm
PRESSURE	2000 psi	140 bar
WEIGHT (with bar, chain and couplers)	13.7 lbs	6.2 kg



CD10 CORE DRILL

ITEM	U.S.A.	METRIC
CAPACITY	5/8 to 6-3/8 in. Bits	15 to 160 mm Bits
PERFORMANCE	380, 900 and 1800 rpm	
FLOW RANGE	5.8 - 13 gpm	22 - 50 lpm
PRESSURE	1000 - 2000 psi	69 - 140 bar
WEIGHT	18.7 lbs	8.5 kg



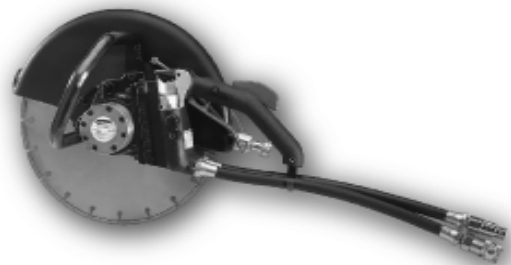
CO23 U/W CUT-OFF SAW

ITEM	U.S.A.	METRIC
CAPACITY	10 in. Wheel	25 cm Wheel
PERFORMANCE	Concrete, Pipe and Steel Beams	
FLOW RANGE	10 - 15 gpm	38 - 57 lpm
PRESSURE	1500 - 2000 psi	105 - 140 bar
WEIGHT	23 lbs	10 kg



CO25 CUT-OFF SAW

ITEM	U.S.A.	METRIC
CAPACITY	14 in. Wheel	35 cm Wheel
PERFORMANCE	Concrete, Pipe and Steel Beams	
FLOW RANGE	7 - 9 gpm	26 - 34 lpm
PRESSURE	1500 - 2000 psi	105 - 140 bar
WEIGHT	20 lbs	9 kg



WARRANTY

Stanley Hydraulic Tools and their associated parts are warranted against defects in materials and workmanship for a period of twelve months from the date of purchase. Stanley Hydraulic Tools reserves the right to repair or replace only those parts which prove to have been defective at the time of purchase. This warranty becomes void if maximum flow and pressure ratings are exceeded.

STANLEY

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