

DIESEL-HYDRAULIC GRAPPLE - MODEL DHSG

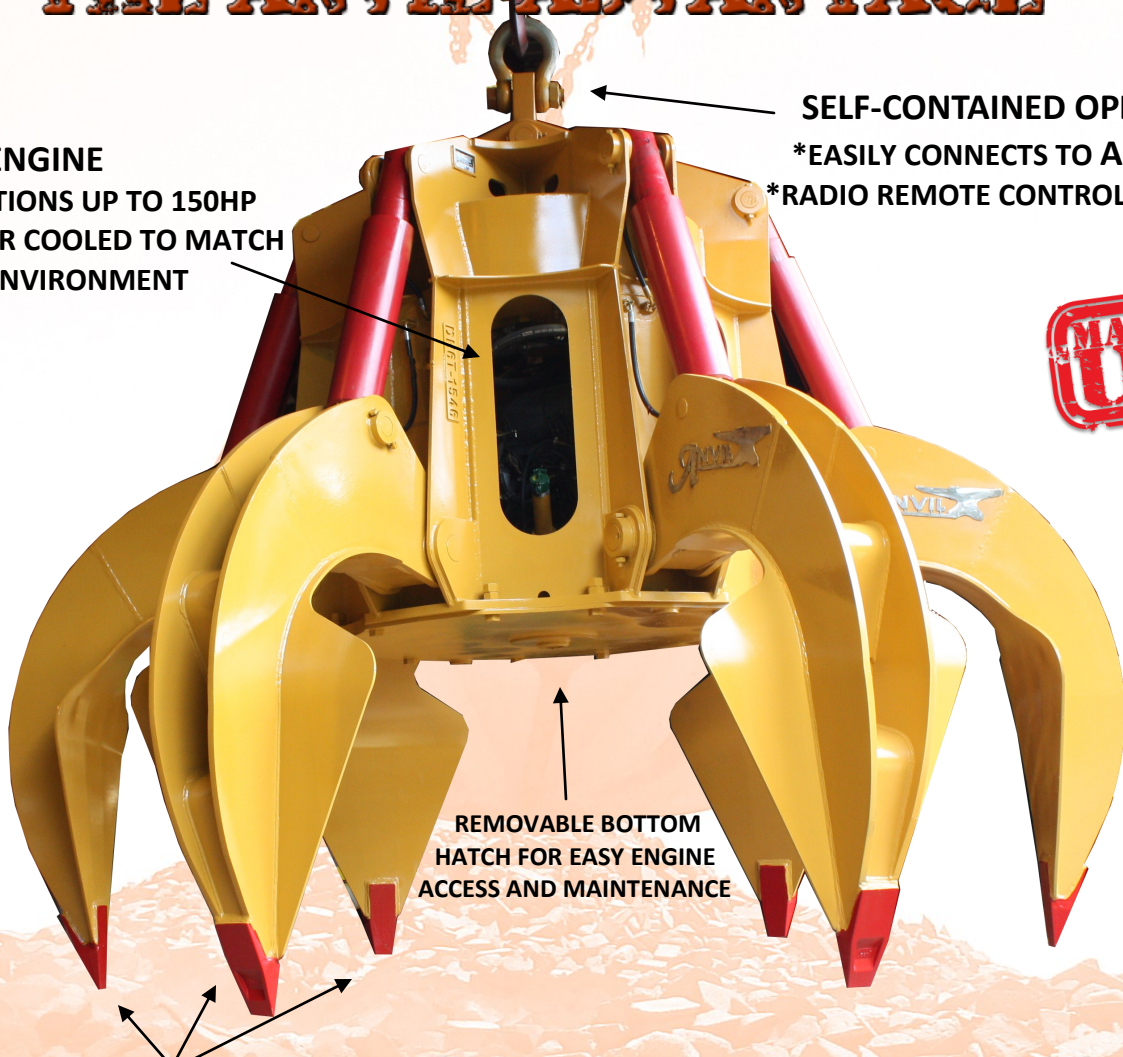
THE ANVIL ADVANTAGE

ENGINE

- *MODEL OPTIONS UP TO 150HP
- *AIR OR WATER COOLED TO MATCH YOUR ENVIRONMENT

SELF-CONTAINED OPERATION

- *EASILY CONNECTS TO ANY CRANE
- *RADIO REMOTE CONTROL OPERATION



REMOVABLE BOTTOM HATCH FOR EASY ENGINE ACCESS AND MAINTENANCE

TINES

- *PROVEN MODULAR DESIGN
- *HIGH STRENGTH WEAR RESISTANT ALLOY STEEL
- *IN HOUSE FINITE ELEMENT ANALYSIS INCREASES STRENGTH AND INTEGRITY TO MAXIMIZE PAYLOAD

AVAILABLE TINE LINERS



SEMI BLADE (STANDARD)



NARROW BLADE



1/3 LOWER ENCLOSED



1/2 LOWER ENCLOSED



FULL ENCLOSED

1 YEAR WARRANTY AGAINST MANUFACTURER DEFECTS



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Capacity (Heaped)	Number of Tines	Length Open	Length Closed	Height Open	Height Closed	Standard Motor HP	Standard Motor KW	Closing time in Seconds	Weight with oil	
									Standard	Heavy
5 cu yd	5	14' 9"	11' 3"	11' 6"	11' 8"	79	59	11.6	20,000	23,000
6 cu yd	5	15' 0"	11' 4"	11' 7"	11' 9"	79	59	11.6	22,000	25,000
7 cu yd	6	15' 6"	11' 5"	11' 9"	11' 11"	79	59	11.6	23,000	26,000
8 cu yd	6	16' 0"	11' 6"	11' 10"	12' 2"	79	59	11.6	24,000	27,000
9 cu yd	6	16' 10"	11' 6"	12' 0"	12' 6"	79	59	11.6	25,000	28,000
10 cu yd	6	17' 4"	11' 7"	12' 10"	13' 4"	96	71.5	15.4	26,000	29,000
13 cu yd	6	17' 10"	12' 0"	13' 1"	13' 10"	96	71.5	15.4	28,000	31,000

*Standard sizes listed above, other sizes available upon request

Specifications: In accordance with our established company policies of constantly improving our products, we reserve the right to change or modify our product or specifications at any time without notice.

*** HYDRAULIC CYLINDERS**

Hydraulic cylinders are made to operate at a pressure 5,000 p.s.i. with a test pressure of 5,200 p.s.i. All cylinders have ductile iron pistons and glands with wear rings installed.

*** HOSES AND FITTINGS**

Hoses and fittings conform to 4-bolt pad SAE-J5188 or SAE straight thread o-ring JIC-37. All hoses are manufactured to an SAE standard and hose couplings are crimp-on type. NPT fittings are not allowed (with the exception of the gauge port).

*** MOTOR**

The diesel motor is an air-cooled engine with an operating r.p.m. of 2,300.

*Anvil offers an upgrade to a water-cooled engine with an operating r.p.m. of 2,300.

*** RETURN FILTERS**

Return filters are mounted outside of the reservoir for easy removal. Filters are 10 micron (max) throw away type with color gauge indicator for visual inspection.

*** HYDRAULIC PUMP**

The hydraulic pump is a piston type with an operating pressure up to 3,800 p.s.i. and a r.p.m. rating of 2,300. It is a variable displacement pump which is pressure compensated with load sense.

*** PLATE AND BAR STOCK**

A combination of T-1 alloy steel with a minimum yield of 100,000 p.s.i. and Brinell hardness of 321-360 and Tri-10 alloy with a minimum yield of 50,000 p.s.i. and a Brinell hardness of 280-321. The proper steel is selected in particular areas where it is best utilized for strength, abrasive resistance, flexibility and weldability.

REV. 4.3.13