



OLIVER

SPECIFICATIONS

MODEL 615 BACKHOE

Maximum Digging Depth	15'
Maximum Reach (from center of swing post)	17' 4 1/2"
Maximum Loading Clearance (bucket closed)	10' 3"
Maximum Dump Height (bucket open)	14'
Maximum Uninterrupted Swing	180°
Bucket Rotation	145°
Digging Force	8300 pounds*

Hydraulic System	
Control Valve Type	6 spool, stack type
Circuit Relief Valve Locations	boom, crowd and bucket
Anti-cavitation Check Location	head end of boom cylinder
Main Relief Setting	2000 PSI
Pump Size	22 GPM (minimum)
Filter	full flow

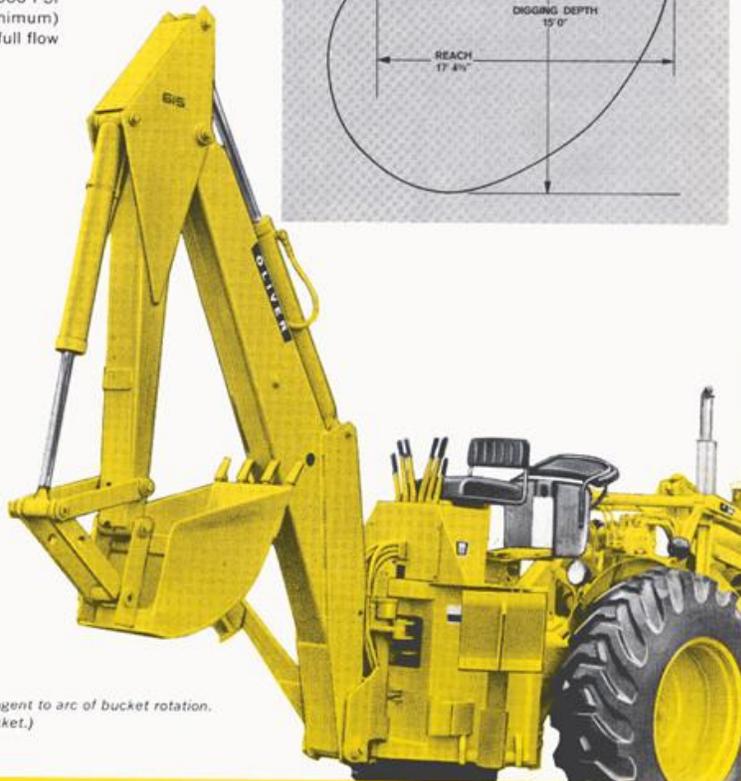
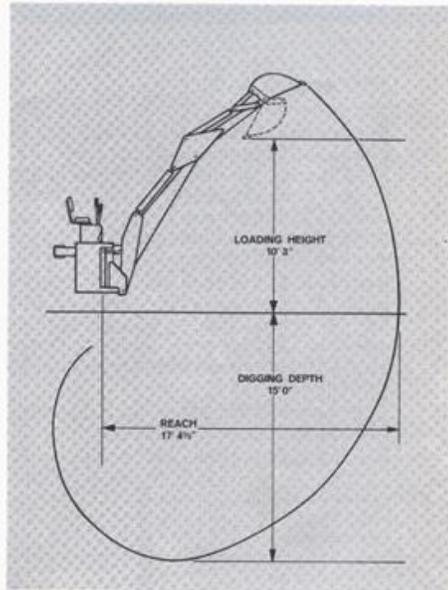
Cylinder Construction	
Barrel	burnished, 5-7 micro finish
Rod	induction hardened, chrome plated, 10 micro finish
Packing	Chevron

Cylinder Sizes (inches)	Bore	Rod	Stroke
Boom	4 1/2"	2"	34 1/8"
Crowd	4"	2"	29 1/2"
Bucket	3 1/2"	1 3/4"	28"
Swing	4"	1 1/4"	14"
Stabilizer	3 1/2"	1 1/2"	16 1/4"

Stabilizer Spread	
Transport Position	7' 5 1/2"
Working Position (maximum)	8' 2"

Bucket Options	12"—2.31 cu. ft.
	18"—3.70 cu. ft.
	24"—5.32 cu. ft.
High Capacity	24"—6.80 cu. ft.
Bell Hole	—36"—6.0 cu. ft.

Transport Height	11'
Removal Time	Approx. 5 minutes
Weight	3100 pounds (less bucket and mounting kit)



*Maximum force applied at bucket cutting edge tangent to arc of bucket rotation. (Measurement taken without prying on heel of bucket.)

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SECTION - BACKHOES
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OLIVER

SPECIFICATIONS MODEL 615 HYDRO-CLAM

HYDRO-CLAM

Available for the Model 613 and 615 backhoes is a unique Hydro-Clam Attachment. This attachment is ideal for spot excavations and for digging graves. With its ability to dig in and down, the Hydro-Clam does not disturb surrounding areas, saves time in backfilling and does a cleaner and quicker job all around.

Each half of the clam bucket is controlled separately thus enabling the operator to open it a full 38 inches. This, of course, also enables the operator to close both halves of the clam independently or simultaneously as the application warrants.

The clam attachment is available with 24 inch, 30 inch and 36 inch buckets.

Digging specifications are as follows:



Min. Spot Opening with

24" Bucket
30" Bucket
36" Bucket
Open Trench

Model 615

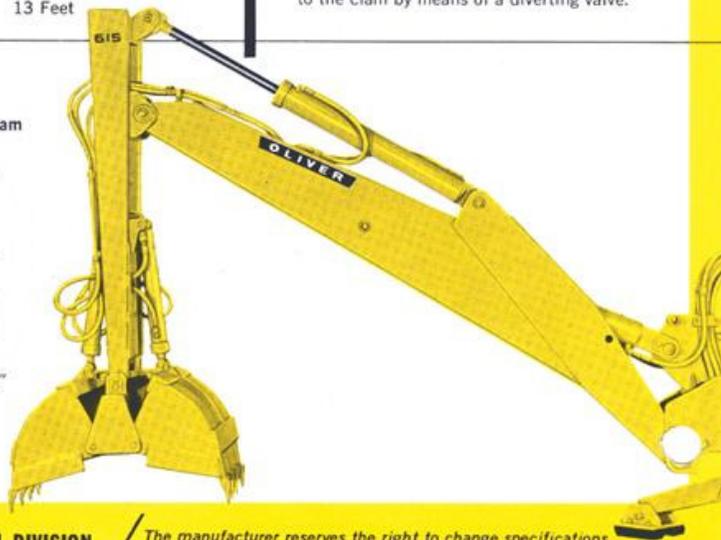
24" Wide—38" Long—6 Ft. Deep
30" Wide—38" Long—6 Ft. Deep
36" Wide—38" Long—6 Ft. Deep
13 Feet

The Hydro-Clam is installed in place of the conventional dipperstick and is actuated by the regular bucket control circuit on one side and by one of the stabilizer circuits on the other. Oil from the stabilizer circuit is directed to the clam by means of a diverting valve.

HYDRO-CLAM SPECIFICATIONS

615 Hydro-Clam

Maximum Uninterrupted Swing	180°
Stabilizer Spread, Transport Position	7' 5½"
Stabilizer Spread, Working Position	8' 9"
Dump Height	9' 3"
Transport Height	11' 2½"
Loading Height	8' 11"
Digging Depth	13' 1½"
Reach from Pivot	14' 8½"
Bucket Opening	3' 2"
Road Clearance	12½"
Bucket Options, Struck Ratings	
24"—4.66 cu. ft.	
30"—5.82 cu. ft.	
36"—6.99 cu. ft.	



OLIVER CORPORATION, INDUSTRIAL DIVISION
SUBSIDIARY OF THE WHITE MOTOR COMPANY

The manufacturer reserves the right to change specifications without notice and without incurring obligation. Information contained herein is from data available at time of printing.

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