

GrabTec

Farm Loader Grapple

Model GF99



Maximize the versatility of your machine



**Powerful, high-capacity
material handling**

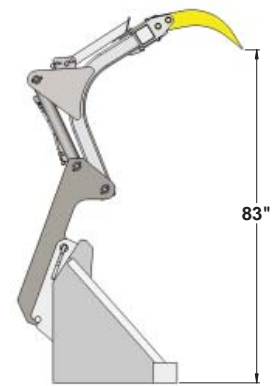
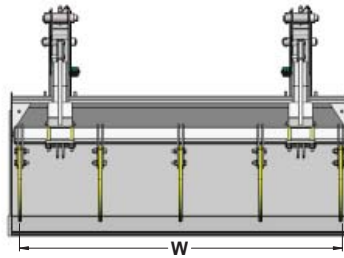
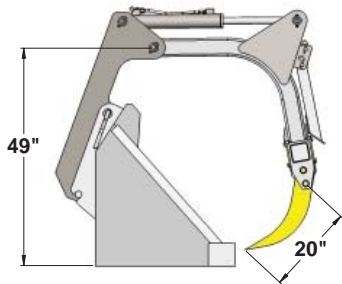


**Features Quick-Attach Easy
On-Off system with self-storing
stands allowing quick transition
to other jobs**

Features

- The cylinders feature internal hydraulic cushioning that slows the grapple at the very end of cylinder movement during both opening and closing. This minimizes the “slamming” effect when opening and closing the grapple at high speed.
- All pivot pins feature zero-maintenance bushings and wiper seals. No grease is required anywhere on the grapple. The pins are hardened steel with chrome plating and have generous tapers for easy installation.
- Hydraulic hoses for the cylinders are supplied, as well as two tees. Typically the loader’s auxiliary hydraulic spool supplies the tees for grapple operation.
- A closing gap that overlaps the cutting edge is typical with most buckets.
- The wide space between the grapple and the bucket allows high-capacity handling of loose material
- The latest design technology was used for the development and preliminary testing of each grapple component. All critical parts are made from high-strength steel to ensure trouble-free material handling, even in the worst conditions.
- The quick-attach feature of Grabtec grapples requires that custom mounting kits be welded to the bucket. All mounting kits are designed so that the bucket is protected from the forces that are exerted on it by the grapple cylinders.

Specifications



Max. Opening, Ground to teeth	83"
Number of Teeth available	5
Tooth thickness and material	3/4" Gr. 80 (80,000 psi yield) steel
Teeth replaceable?	yes, each tooth secured by (2) 3/4" Gr. 8 bolts
Max. Clamping force at tips of teeth with 3000 psi	5,400 lb.
Grapple opening time with 15GPM	1.6 sec. (flow to cylinders is not restricted. Cylinders feature internal hydraulic cushioning at end of stroke in both directions)
Bore and stroke of cylinders	2.50 inch bore and 14.9" stroke
Maximum rated operating pressure	3,000 psi
Diameter of main grapple pivot pins and cylinder pins	1.25"
Pivot pin bushing and seal info	Self-Lubricating, zero-maintenance, replaceable bushings with dust seals on each on of bushing.
General type of steel used for grapple construction	T-1 (100,000 psi yield) and Grade 80 (80,000 psi yield)

MODEL	GRAPPLE WIDTH [W]	NO. of TEETH	APPLICATION	INSTALLED WEIGHT
GF81	81"	5	MOST 1.0-1.7yd ³ FARM BUCKETS	875 lbs
GF99	99"	5	NEW HOLLAND TV140-145 BUCKETS	900 lbs

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