GEM ATTACHMENTS
Quality Loader Attachments You Can Depend On

Proudly Manufactured in the USA by TRM Manufacturing, Inc.
877.769.2611
The GEM Coupler is built by skilled craftsmen using quality materials. This allows us to offer our customers the highest quality coupler in the industry.

We have upgraded our coupler design from the industry standard. These changes make our coupler stronger and longer lasting.

- Reinforced the box section to prevent warping.
- Main Plate thickened to prevent flexing during heavy use.
- Added full length bottom runner to minimize main plate deflection.
- Cross tube thickened and reinforced along with gusseted tilt ribs for added strength and durability.

Our standard 4 Point Pickup system allows seamless coupling and uncoupling no matter the use. GEM Couplers are Built to Last!

GEM General Purpose and Light Material Buckets are made to withstand wear and tear of everyday use on various applications.

- Our General Purpose Buckets are designed for a capacity of 1800 to 2500 pounds per cubic yard with material weight 1800 to 3000 pounds.
- Our Light Material Buckets are designed for a capacity of 1800 pounds per cubic yard.
- Maximum fill capabilities allowed with sloped bottom design.
- Dump angle increased by 5 degrees for more efficient dumping capabilities by use of sloped bottom.
- Minimum 50 yield steel construction.
- Minimum 400 Burnell wear areas.

Custom buckets available for special applications. Widths and cutting edge hole patterns drilled to OEM standard wear part specifications. Available as pin-on or compatible with GEM’S’s Quick Coupler System or other system standard couplers.

Our Forks are made to withstand the heaviest use. We have strengthened the carriage with a thicker steel tube and also use a heavier, single round bar the tines slide on. We have also reinforced the center carriage for added strength and durability.

Manual or hydraulic adjustable tines.

- Tine static load capacities are rated to exceed loader lift capabilities.
- Fork mounts available in various major coupler systems or pin on.
- Standard carriage width designs range from 60” - 108”.
- Tine Lengths from 48” - 96”.

Also available: Utility Pallet, Log and Lumber Forks, Paddle Top Clamp Forks and Car Body Forks.

The GEM Recessed AG Bucket

GEM Attachments offers our patented Farm Feed Lot Increased Dump Clearance Bucket.

- Our Patented Design increases Dump Clearance by 6-18”
- Our Combination of Roll Back/Roll Out, Spill Plate, Side Plate & Bottom Lip design gives this bucket a Higher Fill Factor & Minimizes Spillage.
- Higher Fill Factor saves fuel with fewer passes to fill the mixer and also extends the warranty on your machine by cutting run time.
- Buckets can be custom built for a wider width allowing the bucket side face to make contact with the silage piles saving damage to the machine fenders, side mirrors, etc.
- The extra width allows for feathering of expensive materials without going over mixture weights. This also allows more machine maneuverability coming out of piles, increasing safety and cycle times with less trips in and out of the pile.

GEM Attachments offers our patented Farm Feed Lot Increased Dump Clearance Bucket.
**SIDE DUMP BUCKET**

The GEM Side-Dump Bucket is designed for parallel side-dumping when there is less room available to manipulate your machine. This unique capability provides increased cycle times as well as reduced fuel cost. These buckets are ideal for work in confined places such as tunnels, large sewers, congested city streets and commercial farms.

- Bucket section wear areas are constructed from AR400 steel.
- Tubular steel frame and bridging is used to increase bucket, and cradle rigidity.
- Forty-Five degree dump angle side shoot w/ inner angle plate to better control the material for feather feeding or fast feeding materials.
- Third function loader hydraulics and jumper hose kit required for operation
- Center mounted lift hooks and bolt-on edges are standard

**Options:**
- Side Dump is standard in left hand dump (right hand dump available upon request)
- Available with 5 Ton Gunnaboe Hook with heavy duty reinforced installation

**MULTI-PURPOSE BUCKET**

The GEM MP is versatile in handling excavating, grappling, loading, and top dumping.

- Equipped with standard bolt-on moldboard cutting edges; heat-treated steel pins and bushings; heavy-duty hydraulic cylinders with protected hydraulic lines; and greased pivot pins
- Double bottom clam floor design provides greater strength and durability
- Clam-front cutting edge drilled to OEM standard wear parts specification

Available as pin-on or compatible with GEM’s Standard Interchange or competitive Quick Coupler Systems.

Third function loader hydraulics and jumper hose kit required for operation.

- Quick Coupler attachments require a third function jumper hose kit.

**GRAPPLE BUCKET/RAKE**

Our Grapple loader buckets are ideal for Transfer sites sorting and truck loading derbies. Also works great for loading demolition debris, and wind damage roadside clean up such as downed trees and construction materials.

Grapple Loader Buckets profiled in Full, Half-cutaway, and or Full-cut away to meet customer spec and job application.

Grapple sections run off 2 independent hydraulic cylinders - one for each grapple section covering the front of the bucket or rake for maximum load retention and even loads.

- Manufactured from high strength steel for excessive cycle times, longer field life.
- Cutting edge bolt hole patterns drilled to OEM standard wear parts.
- 3rd function hydraulic hose kit required.
- “C” Shaped radius excretes small debris through bottom shell
- Multi tine grapples allow for better material retention

Optional sidebars available

**EXTENDABLE BOOM**

Our GEM Extendable Boom allows you to use your machine for long reaching material handling.

Made with high strength tubular steel for increased strength.

Gunnaboe hook installed

Manually Extendable

- Three section extension from 7’4” to 13’7”
- Two Section extension from 8’3” to 12’
- Stinger Boom One section extension available in 6’ or 8’

Available in Coupler Style or Pin-on Style
TRM Manufacturing is a leading manufacturer of attachments for the construction, agriculture and demolition industries. Our sales, engineering and manufacturing team carries over 250 years of experience and know what it takes to build a quality attachment.

With our experience and dedication to our business and to you, our customer, we offer GEM Attachments, the highest quality attachments available in the industry at a great price. Dedicated to Quality, Value and Dependable Products

Wheel Loader Attachments

Hydraulic & Mechanical Couplers
- Adapters
- Buckets
  - General Purpose
  - Agricultural
  - Light Material
  - Multi-Purpose (Clam Shell)
  - Side Dump
  - Rock/Skeleton Rock
  - Refuse/Transfer

Forks
- Construction Utility
- Utility Pallet (Light Duty)
- Logging
- Clamping
- Pipe
- Car Body

Extendable/Stinger Booms
- Bale Spears
- Removable Grapples

TRM Manufacturing, Inc.
5010 Hudson Drive
Stow, Ohio 44224

877.769.2611
330.769.2600
330.769.2222 Fax

www.trmmanufacturing.com