

CMA Silver Series

**STRENGTH
SIMPLICITY
DEPENDABILITY**

**INTRODUCING
5.75" I.D. X 2000' HOSE
Our LARGEST ever!**



Continuous Manure Applicator

**Side-dress Liquid Manure With Hard Hose in
Row Crops During the Growing Season**

Concept by Alig – Designed and Built by Cadman

Cadman has taken a concept developed right here in Ohio by the Alig Brothers to design and build the Continuous Manure Applicator (CMA) Silver Series. The Cadman CMA Silver has been engineered and built to apply liquid manure into growing crops up to 4' high, reducing the need for artificial fertilizers, saving your field from compaction, and boosting your yields. Ten years of data from The Ohio State University proves that the best way to make the most of the value stored in your manure lagoon is to make the nutrients available to a growing crop.



Why the Continuous Manure Applicator

Boost Yields: See an increase in yields of up to 15% by using manure in growing crops

Save on Fertilizer Costs: Unlock the value stored in your manure to reduce the need for artificial fertilizers

Increase Profitability: Raise yields, lower input costs, reduce operating expenses, save on fuel costs, and convert the value stored in your manure pits into cash in your pocket

Avoid Penalties: Reduce risk of runoff, and travelling on public roadways and reduce the risk of potentially expensive financial penalties

Reduced Compaction: Protect your soil by avoiding compaction when compared to heavy tankers

Limit Trafficked Acres: Use a 30', 40' or 60' toolbar to maximize your coverage and minimize damage to your soil

Save Time: Apply manure during the growing season, without worrying about delays in planting, and continuously apply manure to your field without having to make multiple trips to refill tankers

Reduce Equipment Needs: Apply in-crop, in spring and fall as a drag line, and triple the use of the CMA as an irrigator when you need it

Improve Biosecurity: Owning your own equipment reduces your reliance on custom manure pumpers and helps protect your livelihood

Protect the Environment: Reduce the risk of spills and runoff into our watersheds, and protect our precious natural resources



Four Step Application Process

One: Pull out Cycle

Your tractor pulls the injector with the patented CMA swing arm, pulling out the hose from the reel and leaving it in a single row. As you pull out, manure is incorporated by the tooling between rows of plants.



Two: Turn Cycle

You turn 180° to start back toward the CMA. The patented swing arm swivels to allow the hose to remain in the row for the return journey.



Three: Retrieve Cycle

The reel retrieves the hose as the tractor drives towards it at the same speed that it pulled the hose out. Manure is incorporated as it returns in a strip adjacent to the area covered on the Pull Out Cycle. Speed is coordinated between the tractor operator with the toolbar and the CMA tractor operator.



Four: Advance Turn

The towable CMA reel is pulled forward by the CMA tractor operator while the toolbar operator starts the turn to get into position for the next Pull Out Cycle. Once in position, the process begins again with the Pull Out Cycle, and repeats until the application is completed.



CMA Silver Series Available Models

MODEL	HOSE I.D.	HOSE LENGTH	FLOW RATE
NEW 5750 CMA Silver	5.75"	2000'	1100-1575 _{G.P.M.}
5300 CMA Silver	5.30"	1650'	1000-1400 _{G.P.M.}
5000 CMA Silver	5.00"	2000'	850-1150 _{G.P.M.}
4500 CMA Silver	4.50"	2400'	500-750 _{G.P.M.}

Available Applicators

Injector Model	Lane Spacing
3pt Hitch	30' & 40'
Front Fold Towable	40' & 60'

Injector Standard Features

- Knife distribution system
- CMA side swing arm
- Cadman tooling (*other tooling available*)
- Standard spacing 30"

*Brought to you by:
Padua Equipment
& the Alig Brothers*

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