

M3 SERIES

M3.300 | M3.400 | M3.500



- **No Maintenance Greaseless Technology**
- **Mechanical Self Leveling**
- **Solid Plate Lift Arms**
- **Compatible with existing M Series loader mounts**
- **ISO Standard Universal Quick Attach**



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Features



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Greaseless Pins and Bushings

Composite bushings and rubber seals along with massive chrome pins provides an almost frictionless motion allowing for smoother and longer use of loader.

Solid Plate Mainframe

We use Solid Plate in our loader arms to provide the maximum strength while minimizing being obstructive. Solid Arms are better at handling shock and material fatigue (which is why solid plate is used in Wheel Loaders) while providing the operator with maximum visibility.



Formed Box Section Self-Leveling Arm

Upper self-level arm is a formed box compared to welding to two bent parts making for a stronger part and better withstanding metal fatigue.

Universal ISO Quick Attach

We took the Standard and made it better. The Miller ISO / Euro-Global Quick Attach is designed to meet the International Standards Organization ISO 23206:2005(E). This standard sets the dimensions and clearances for the carriages of Agricultural tractors equipped with Front End Loaders. The Miller ISO Quick Attach is compatible with: John Deere - Global Quick Attach, Case-IH - Euro Quick Attach, New Holland, McCormick as well as all others adhering to this standard.



SPECIFICATION	M3.300	M3.400 M3.500
A -Max Lift height (in.)	173	181
B -Max height under level bucket (in)	161	169
C -Clearance with bucket dumped 45 deg (in)	132	140
D -Reach at Max Lift and 45 deg dump (in)	20	28
E -Max dump angle at full height (deg)	45°	45°
F -Reach on Ground with 35" deep bucket (in)	101	110
G -Bucket Rollback angle (deg)	40°	40°
H -Dig Depth (in)	6	6
Max Breakaway Lift Force with load 31.5" (800mm) ahead of Bucket Pivot Pin (lbs)	5,250	6,500
Full Height Lift Force with load 31.5" (800mm) ahead of Bucket Pivot Pin (lbs)	4,500	5,700
Max Bucket Rollback Force with load 31.5" (800mm) ahead of Bucket Pivot Pin (lbs)	10,600	10,600
Cylinder Bore [BUCKET] (in)	3.75	3.75
Cylinder Bore [LIFT] (in)	3.75	3.75
Raise Time @ 40 GPM (sec)	5.25	5.75
Self-Leveling	Yes	Yes
Pivot Pin Diameter (in)	1.75	1.75
Loader Weight without Bucket or Mounts (lbs)	2,090	2,310 2,430

