

## **A Flexible Medium-duty Trip-edge Snow Plow with Heavy-duty Characteristics.**

Henderson continues to re-imagine snow plows built for use with medium-duty chassis. First came the MTP, a true medium-duty trip-edge snow plow with heavy-duty plow features. Now we're flexing our muscles with the **MTP Flex**. This shape-shifting marvel is capable of changing shape (on-the-go) faster than the weather conditions around it.

The **MTP Flex** is ideal for handling driveways, parking lots, cul-de-sacs and side streets. It was designed to handle traditional medium-duty snow plow tasks and beyond. For decades, Henderson has been a leader in the engineering and manufacture of heavy-duty snow plows. We're excited to offer this same level of technology in the **MTP Flex**, a true medium-duty reversible snow plow with trip-edge and flexible moldboard.

Key features setting the **MTP Flex** apart from other medium-duty snow plows include: a flexible polymer moldboard, high trip-edge with adjustable torsion springs, outboard reversing cylinders, level-lift, reinforced pivot points, hydraulic or electric control, quick connect/disconnect and ease of maintenance.

Its flexible moldboard is capable of opening wide to function as a push plow. Close it slightly to function as traditional reversing plow. Close it further to prevent powdery snow from creating visibility issues for the operator. You can even close a single side to function as a traditional one-way plow, achieving maximum cast.

The **MTP Flex's** level-lift feature incorporates the following: holds a level position throughout the reversing cycle, keeps the plow low and out of the operator's line of vision and holds the plow high enough to avoid digging into road surfaces when not in use.

Henderson continues to pave the way with innovative truck equipment solutions. When you're ready for top quality truck equipment that consistently performs at the highest levels, turn to...

*The Dependable Ones™*



# FEATURES & SPECIFICATIONS

Moldboard	Poly	
	Base	w/Hitch
10'	1,100 lb.	1,240 lb.

*Note: base includes pin plow portion of the hitch*

## GENERAL

The MTP Flex was designed for use with most class 3, 4 & 5 medium-duty chassis. Henderson incorporates heavy-duty features into this amazing shape-shifting snow plow.

## FLEXIBLE MOLDBOARD

Dual flexing arms operate independent of one another, allowing the driver to transform the plow's shape to match current snow conditions. Blade is capable of closing down to 17" of plowing surface or opening wide to 35" of plowing surface.

## ADJUSTABLE TRIP-EDGE

Each torsion spring has a 2-position tension adjustment. Release spring tension completely for zero insertion



*Flexing Arm: adjusts moldboard from 17" to 35" in height*



*Adjustable Trip-edge: (6) adjustable torsion springs.*



*Standard Medium-duty Quick Hitch: for use with MTP & MTP-Flex.*

force and optimum safety during service and maintenance work.

## ADJUSTABLE PARKING JACK

Included. Assists with leveling of the plow while connecting, disconnecting or storing.

## MEDIUM-DUTY QUICK HITCH

Level-lift feature built-in. Select a hitch mounting kit to match your truck's make and model. Optional tilting hitch available, provides quick access to engine compartment.

## SPECIFICATIONS

### FLOW:

- **Moldboard Length** - 10'
- **Moldboard Material** - 3/8" UHMW orange polymer
- **Main Moldboard Angle** - 4" x 4" x 1/2" structural angle
- **Flexing Arms** - (2) two flexing arms, with independent operation, constructed of 1/4" carbon steel, 22" long, adjust moldboard height from 17" to 35", 1/2" 2-axis pivoting mount with 1-1/4" ID x 2-3/8" OD spherical bearing
- **Attack Angle** - 15°
- **Level-lift Design** - keeps plow level to the road at all times, when used with a Henderson hitch
- **Trip-edge Angle** - formed 1/4" grade 50, 6" x 3" x 1-1/2"
- **Trip-edge to Moldboard Connection** - 1-1/4" schedule 40 main pivot tube with 12 evenly spaced 1/2" pivot ears
- **Trip-edge** - (6) 9/16" adjustable round coil torsion springs (AISI 4340 spring steel), single trip-edge assembly
- **Cutting Edge** - 1/2" x 6" one-piece cutting edge with AASHO punching is standard
- **Flexing Cylinders** - (2) 2-1/2" bore, 4" stroke and 1-1/2" dia. nitrided rod
- **Reversing Cylinders** - (2) 2" bore, 10" stroke and 2" dia. nitrided rod with single acting stroke
- **Cylinder Pins** - 1" dia., grade 8 with lock nut.

### HITCH:

- **Lift Cylinder** - 1-1/2" bore, 6" stroke, 1-1/2" dia. nitrided rod with single acting stroke
- **Swivel Pin** - 1-1/4" x 3-1/2", grade 8 with lock nut
- **Locking Pins** - (2) 1" x 6-1/4"

## OPTIONS

**CHARGE** All Electric Control Package, Tilting Hitch, Hitch Mounting Kits (Ford, GM, Dodge, TerraStar or Hino), Light Kit, Rubber Snow Deflector, Carbide Cutting Edge & Side Markers

*Consult your local Henderson Distributor for all available options.*

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