SnowPlows

Designed to withstand the harshest winter conditions





Plow| J-Style Torsion Trip



Plow | Expressway Full Trip



Plow | Compression Trip



Plow | Dual Trip

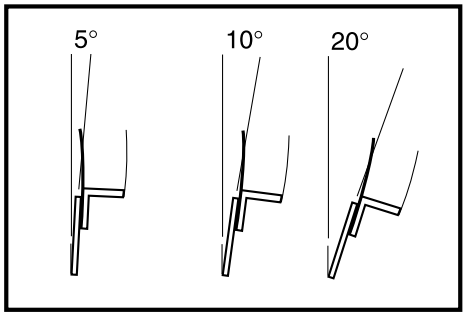
municipal.monroetruck.com

monroe

a brand of aebi schmidt

Plow | Full Trip Reversible

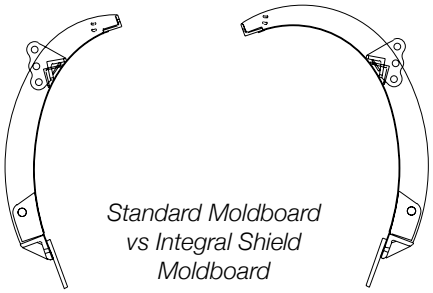




Force Required to Trip Moldboard

Light Trip **Medium Trip** **Hard Trip**

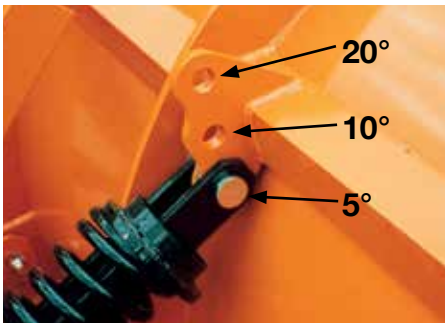
Standard **Integral**



Standard Moldboard vs Integral Shield Moldboard



The Patented Level Lift allows plow to be parallel to the road surface at all times - raised, lowered, or angled.



Simple Three Position Adjustment for Plow Cutting Edge Attack Angle

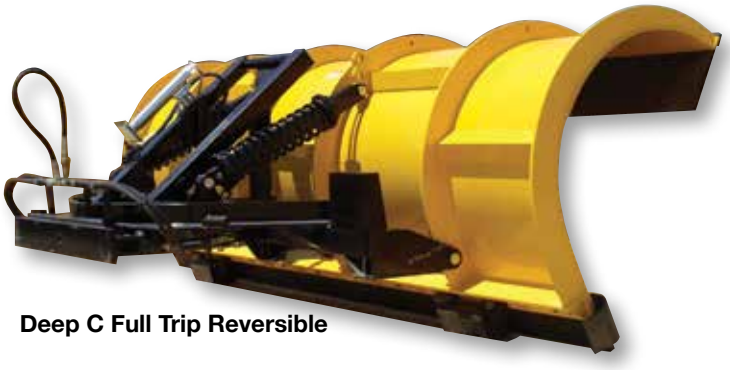
Plow Model #	Overall Length	Height w/ 5/8" x 8" Cutting Edge	Approx. Weight (lbs)
MP36R10-CT	10'	36"	1,475
MP36R10-ISCT	10'	36"	1,500
MP41R10-CT	10'	41"	1,575
MP41R10-ISCT	10'	41"	1,575
MP36R11-CT	11'	36"	1,500
MP36R11-ISCT	11'	36"	1,525
MP41R11-CT	11'	41"	1,625
MP41R11-ISCT	11'	41"	1,650
MP48R11-CT	11'	48"	1,755
MP48R11-ISCT	11'	48"	1,800
MP36R12-CT	12'	36"	1,520
MP36R12-ISCT	12'	36"	1,700
MP41R12-CT	12'	41"	1,695
MP41R12-ISCT	12'	41"	1,725
MP48R12-CT	12'	48"	1,845
MP48R12-ISCT	12'	48"	2,000

Moldboard Thickness:	10 Gauge
No. of ½" Vertical Ribs:	6
Moldboard Reinforcing:	(6) 1-piece, ½" Thermo Cut Ribs
Moldboard Top Angle:	2" x 3" x 3/8"
Adjustable Moldboard Pitch Settings:	5°, 10°, 20°
Semi-Circle:	3½" x 3½" x ½" A36 Hot Rolled Angle
Bottom Moldboard Angle:	¾" x 4" x 4"
Reversing Cylinders:	(2) 3" x 10" Double Acting
Reversing Limits (Left & Right):	35°
Plow to Table Hinge Points:	4
Cutting Edge:	5/8" x 8" Top Punched
Pivot Pin:	1¼" Stopped
Cylinder Pins:	1¼"
Lift System:	Built-In Level Lift

Q) When would I use a full trip reversible straight blade plow?
A) This plow is used for municipal, commercial, airport and off road plowing. Our most versatile, general purpose snowplow. Full trip is when the cutting edge hits an immovable object no higher than the center of the moldboard hinge points and the whole moldboard moves forward until the cutting edge goes past center and slides over the object. The dual compression trip assemblies return the plow to plowing position once the obstacle is cleared.

Plow | Deep-C Shaped

Plow Model #	Overall Length	Height w/ 5/8" x 8" Cutting Edge	Approx. Weight (lbs)
MP45R11-ISCT	11'	45"	
MP45R11-ISST	11'	45"	2,575
MP55R11-ISCT	11'	55"	
MP55R11-ISST	11'	55"	2,680
MP45R12-ISCT	12'	45"	1,755
MP45R12-ISST	12'	45"	2,616
MP55R12-ISCT	12'	55"	2,100
MP55R12-ISST	12'	55"	2,724

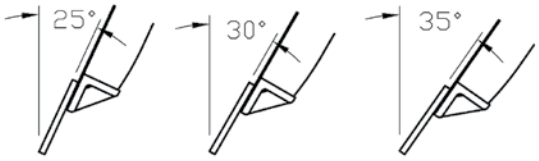


Deep C Full Trip Reversible

Moldboard Thickness:	10 Gauge
No. of ½" Vertical Ribs:	6
Moldboard Reinforcing:	(6) 1-piece, ½" Thermo Cut Ribs
Moldboard Top Angle:	2" x 3" x 3/8"
Adjustable Moldboard Pitch Settings:	25°, 30°, 35°
Semi-Circle:	3½" x 3½" x ½" A36 Hot Rolled Angle
Bottom Moldboard Angle:	¾" x 4" x 4"
Reversing Cylinders:	(2) 3" x 10" Double Acting
Reversing Limits (Left & Right):	35°
Plow to Table Hinge Points:	4
Cutting Edge:	5/8" x 8" Top Punched
Pivot Pin:	1¼" Stopped
Cylinder Pins:	1¼"
Lift System:	45" Built-In Level Lift; 55" Chain Lift Only

Force Required to Trip Moldboard

Light Trip **Medium Trip** **Hard Trip**

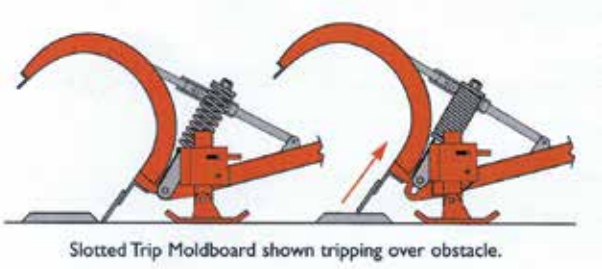


Q) Why would I need a 35 degree attack angle plow?
A) This plow is typically for high speed rural use on paved roads. It handles heavy snow volumes better than most plows; however, because of the attack angle, the plow will not clean hard pack as well as a cutting edge that is almost perpendicular to the road. The ability to plow at higher speeds is possible because the attack angle keeps the plow from easily tripping. The deep moldboard curl helps prevent snow from blowing over the top of the plow back to your windshield.



Deep C Slotted Trip Reversible

* Screw Adjustable Mushroom Shoes - Standard
* Dual Adjustable Telescopic Stabilizer Arms - Standard



Slotted Trip Moldboard shown tripping over obstacle.

Q) Where is the best application for a slotted trip reversible plow?
A) This plow is used primarily in rural applications. Because of the attack
angle, this plow is designed to pick up the snow and discharge it at higher speeds with less restriction. The slotted trip allows the moldboard to slide up into the slots, clear the obstruction and return to the plowing position.
Recommended for paved or frozen roads, this plow tends to dig in on soft roads.



Plow | Torsion Trip Edge



C-Style (6) 3/4" Square Torsion Spring Assemblies for a Bolt-On Trip Edge

Moldboard Thickness:	10 Gauge
No. of ½" Vertical Ribs:	6
Moldboard Reinforcing:	(6)-1 piece, ½" Thermo Cut Ribs
Moldboard Top Angle:	2" x 3" x 3/8"
Adjustable Moldboard Pitch Settings:	0°, 5°, 10°
Semi-Circle:	3½" x 3½" x ½" A36 Hot Rolled Angle
Bottom Moldboard Angle:	¾" x 4" x 4"
Reversing Cylinders:	(2) 3" x 10" Double Acting
Reversing Limits (Left & Right):	35°
Plow to Table Hinge Points:	4
Cutting Edge:	5/8" x 8" Top Punched
Pivot Pin:	1¼" Stopped
Cylinder Pins:	1"
Lift System:	Built-In Level Lift

Plow Model #	Overall Length	Height w/ 5/8" x 8" Cutting Edge	Approx. Weight (lbs)
MP39R10-TT	10'	39"	1,900
MP39R10-ISTT	10'	39"	1,950
MP44R10-TT	10'	44"	2,020
MP44R10-ISTT	10'	44"	2,080
MP39R11-TT	11'	39"	2,000
MP39R11-ISTT	11'	39"	2,080
MP44R11-TT	11'	44"	2,100
MP44R11-ISTT	11'	44"	2,160
MP51R11-TT	11'	51"	2,195
MP51R11-ISTT	11'	51"	2,255
MP39R12-TT	12'	39"	2,060
MP39R12-ISTT	12'	39"	2,110
MP44R12-TT	12'	44"	2,180
MP44R12-ISTT	12'	44"	2,240
MP51R12-TT	12'	51"	2,310
MP51R12-ISTT	12'	51"	2,400

Q) I have a lot of manhole covers and curbing in my city. Would the C-Style Torsion Trip Edge Plow be good choice?

A) This plow is typically used in metropolitan areas on paved roads. This sectional trip allows you to pass over and immovable object without losing the snow load. Only the section hitting the immovable object will trip which would make it ideal in a city application. On the downside, if all sections trip at the same time the plow will jump when it resets to the plow position.

Plow | J-Style Torsion Trip Edge



J-Style (6) Adjustable 3/4" Square Torsion Trip Spring Assemblies for a 1 Section Trip, 1-Piece Cutting Edge also features 4" x 4" x 3/8" Cross-Tube Support

Moldboard Thickness:	3/8" Polymer
No. of ½" Vertical Ribs:	10
Moldboard Reinforcing:	1 piece, ½" Thermo Cut Ribs
Moldboard Top Angle:	2" x 3" x 3/8"
Adjustable Moldboard Pitch Settings:	0°, 5°, 10°, 15°
Semi-Circle:	3½" x 3½" x ½" A36 Hot Rolled Angle
Bottom Moldboard Angle:	¾" x 4" x 4"
Reversing Cylinders:	(2) 3" x 10" Double Acting
Reversing Limits (Left & Right):	35°
Plow to Table Hinge Points:	4
Cutting Edge:	5/8" x 8" Top Punched
Pivot Pin:	1¼" Stopped
Cylinder Pins:	1"
Lift System:	Built-In Level Lift

Plow Model #	Overall Length	Height w/ 5/8" x 8" Cutting Edge	Approx. Weight (lbs)	Moldboard
MPPJ39R10-ISTT	10'	39"	---	Poly
MPJ39R10-ISTT	10'	39"	2,460	Steel
MPPJ45R10-ISTT	10'	45"	---	Poly
MPJ45R10-ISTT	10'	45"	2,700	Steel
MPPJ39R11-ISTT	11'	39"	---	Poly
MPJ39R11-ISTT	11'	39"	2,550	Steel
MPPJ45R11-ISTT	11'	45"	---	Poly
MPJ45R11-ISTT	11'	45"	2,790	Steel
MPPJ39R12-ISTT	12'	39"	---	Poly
MPJ39R12-ISTT	12'	39"	2,640	Steel
MPPJ45R12-ISTT	12'	45"	---	Poly
MPJ45R12-ISTT	12'	45"	2,880	Steel

Q) How does the J-Style torsion trip edge plow compare to the C-Style torsion trip edge plow?

A) This plow is also typically used in metropolitan areas on paved roads. However, because the snow is discharged rapidly to the ground rather than casting it away, it helps prevent damage from thrown snow and avoids covering sidewalks and driveways. The bottom edge trips when hitting an immovable object and may tend to jump when it resets to the plowing position. Shoes are recommended. Spring tension is adjustable on the J-style plow whereas it is not adjustable on the C-style torsion trip edge.

Plow | Multi-Cast Flex

Moldboard Thickness:	3/8” Polymer, Seamless
Moldboard Top Angle:	2” x 2” x ¼”
Bottom Moldboard Angle:	4” x 3” x ½”
Pivoting Rib Assemblies:	3/8” Thick x 3½” Wide Steel Plate
Rib Pivot Cylinders:	3” x 5” DA with 1½” Nitride Rods
Reversing Cylinders:	3” x 16” SA with 3” Nitride Rods
Reversing Limits (Left & Right):	35°
Plow to Table Hinge Points:	4
Cutting Edge:	¾” x 6” C1090 Steel
Lift System:	2-Point Level Lift Chain





Right Discharge



Right or Left Discharge



Left Discharge

Q) I need a power angling plow to work as both a straight blade patrol plow and also occasionally to cast snow either right or left as a tapered blade plow. Problem is, I can’t afford three plows; what options does Monroe offer?

A) Check out the Monroe Flex Plow! With the Flex Plow, you can change the moldboard profile on-the-fly from the truck cab to change your snow casting pattern as your plowing needs change. The Flex Plow can be operated straight across in most applications, full right taper for casting towards the passenger side or full left when casting snow from the left lane. You can even curl it down severely from both sides so fluffy snow doesn’t spray back towards the operator. In addition, the all-polyurethane moldboard scours easily so the snow doesn’t stick to it, plus the plow angles 35 degrees right or left for cleaning up intersections and clearing obstacles.

Dual compression trip spring assemblies for full moldboard trip.



Plow | 1-Way Full Trip

Moldboard Thickness:	10 Gauge
No. of ½” Vertical Ribs:	5
Moldboard Reinforcing:	1 piece, ½” Thermo Cut Ribs
Moldboard Top Angle:	2” x 3” x 3/8”
Adjustable Moldboard Pitch Settings:	5°, 10°, 20°
Bottom Moldboard Angle:	¾” x 4” x 4”
Reversing Limits (Left & Right):	35°
Plow to Table Hinge Points:	4
Cutting Edge:	5/8” x 8” Top Punched
Pivot Pin:	1¼” Stopped
Lift System:	2 Chain Lift

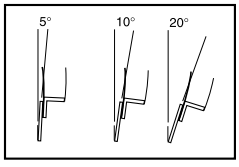
Reversible pushframe available as an option.

Plow Model #	Overall Length	Height w/ 5/8”x8” C.E. High End	Height w/ 5/8”x8” C.E. Low End	Approx. Weight (lbs)
MPFA30-47-10	130”	46½”	30”	1,280
MPFA39-52-10	130”	51½”	39”	1,450
MPFA30-47-11	142”	47”	30”	1,350
MPFA39-52-11	142”	52”	39”	1,540
MPFA30-60-11	158”	60”	30”	1,680
MPFA39-52-12	154”	52”	39”	1,640
MPFA30-60-12	170”	60”	30”	1,900
MPR30-47-10	130”	46½”	30”	1,580
MPR39-52-10	130”	51½”	39”	1,750
MPR30-47-11	142”	47”	30”	1,650
MPR39-52-11	142”	52”	39”	1,940
MPR30-60-11	158”	60”	30”	1,980
MPR39-52-12	154”	52”	39”	2,040
MPR30-60-12	170”	60”	30”	2,200

Q) I plow a lot of rural highways. Is the one way full trip plow my best choice?

A) Used in both rural and metropolitan areas, the long, tapered moldboard allows the plow to lift and curl the snow which saves fuel and helps discharge the snow easier. This is a one-way plow, which means it’s either tapered to discharge to the right or left. Can also be set up with a reversing table to permit cleanup at intersections. Because of the attack angle this will clean better and will not throw snow great distances. Most are manufactured to discharge to the right, but left discharge is an option.

Force Required to Trip Moldboard



5° Light Trip
10° Medium Trip
20° Hard Trip

Plow | MP311 & MP312



Moldboard Thickness:	10 Gauge
No. of ½" Vertical Ribs:	5
Moldboard Reinforcing:	1 piece, ½" Thermo Cut Ribs
Moldboard Top Angle:	2" x 3" x 3/8"
Adjustable Moldboard Pitch Settings:	9 Positions from 9° to 35°
Bottom Moldboard Angle:	¾" x 4" x 4"
Plow to Table Hinge Points:	4
Cutting Edge:	5/8" x 8" Top Punched
Pivot Pin:	1¼" Stopped

Q) When should I choose Monroe's MP311 or MP312 plow?
A) Used in rural areas and because of the attack angle and the deeper throat it will discharge large amounts of snow. The deeper the throat also helps prevent snow blowing over the top onto the truck's windshield.

Plow Model #	Overall Length	Intake Height at 9°/35°	Discharge Height at 9°/35°	Approx. Weight (lbs)
MP311	144"	27½"/27"	53"/56"	1,450
MP312	156"	26"/26"	54"/57"	1,785

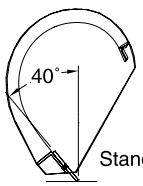
Plow | 1-Way High Speed Slotted Trip



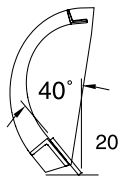
Moldboard Thickness:	10 Gauge
No. of ½" Vertical Ribs:	7
Moldboard Reinforcing:	1 piece, ½" Thermo Cut Ribs
Moldboard Top Angle:	2" x 3" x 3/8"
Adjustable Moldboard Pitch Settings:	20° to 50°
Bottom Moldboard Angle:	4" x 6" x ½"
Plow to Table Hinge Points:	4
Cutting Edge:	5/8" x 8" Top Punched
Pivot Pin:	1¼" Stopped

Q) I plow long runs of open rural highways. Should I choose Monroe's 1-Way High Speed Slotted Trip?
A) This is a higher speed rural plow that will pick up the snow fast and discharge it fast. Designed for deep snow and high speed operation; minimum 15MPH. Higher speeds permit the snow to be cast away much further with this plow. The slotted trip assemblies protect the plow by allowing the cutting edge and moldboard to slide up in slots to clear an object, compressing the springs, then returning to the plowing position after clearing the obstruction The pushframe has to be supported to make this work so skid shoes are standard. This is a very heavy, good cleaning snowplow.

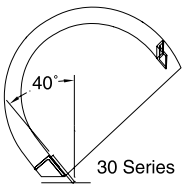
Plow Model #	Overall Length	Moldboard Height Nose	Cutting Edge Height Discharge	Approx. Weight (lbs)
MPHS26-54-11-ISST	13'10"	26"	54"	2,250
MPHS35-64-11-ISST	14'4"	36"	64"	2,410
MPHS45-72-11-ISST	14'4"	45"	72"	2,450
MPHS26-56-12-ISST	14'9"	26"	56"	2,310
MPHS35-66-12-ISST	15'10"	35"	66"	2,470
MPHS45-72-12-iSST	15'10"	45"	72"	2,525
MPHS25-67-11-OWIS	13'6"	25"	67"	2,155
MPHS23-69-12-OWIS	14'7"	23"	69"	2,263
MPHS36-62-11-OWIS	14'3"	36"	62"	2,537
MPHS36-63-12-OWIS	15'4"	36"	63"	2,625



Standard



20 Series



30 Series

Plow | Expressway Full Trip

Moldboard Thickness:	10 Gauge
No. of ½" Vertical Ribs:	7
Moldboard Reinforcing:	1 piece, ½" Thermo Cut Ribs
Moldboard Top Angle:	2" x 3" x 3/8"
Semi-Circle:	3½" x 3½" x ½"
Bottom Moldboard Angle:	4" x 4" x 3/8"
Reversing Cylinders:	(2) 3" x 10" Double Acting Cylinders
Reversing Limits (Left & Right):	37°
Plow to Table Hinge Points:	4
Cutting Edge:	5/8" x 8" Top Punched
Pivot Pin:	1¼" Stopped
Lift System:	Built-In Level Lift



Plow Model #	Overall Length	Moldboard Height Center	Moldboard Height Discharge End	Approx. Weight (lbs)
MPFT36-60-11-EXP	13'8"	36"	60"	1,945
MPFT36-60-12-EXP	14'8"	36"	60"	2,100

Q) I have wide-open mountain roads. Is the full trip expressway reversible plow for me?
A) Primarily used in rural areas, mountain passes, expressways and Interstate highways, this plow is designed to discharge the snow farther to the right or left depending on the angle of the plow. It has a high discharge on each end allowing the snow to be cast farther out and higher than a straight blade reversible.

Plow | Expressway Slotted Trip

Moldboard Thickness:	10 Gauge
No. of ½" Vertical Ribs:	7
Moldboard Reinforcing:	1 piece, ½" Thermo Cut Ribs
Moldboard Top Angle:	2" x 3" x 3/8"
Semi-Circle:	3½" x 3½" x ½"
Bottom Moldboard Angle:	4" x 4" x ¾"
Reversing Cylinders:	(2) 3" x 10" Double Acting Cylinders
Reversing Limits (Left & Right):	37°
Plow to Table Hinge Points:	4
Cutting Edge:	5/8" x 8" Top Punched
Pivot Pin:	1¼" Stopped



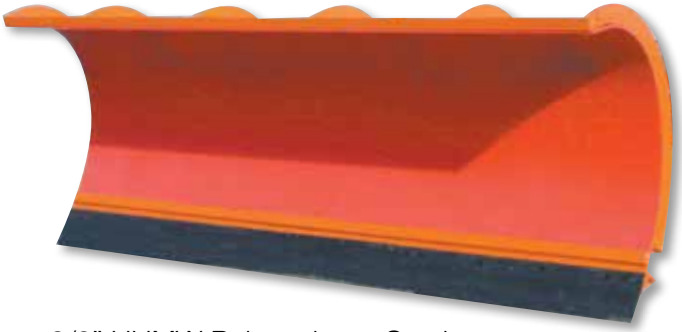
Plow Model #	Overall Length	Moldboard Height Center	Moldboard Height Discharge End	Approx. Weight (lbs)
MPH40-58-11-EXP	13'3"	40"	58"	2,400
MPH48-66-11-EXP	14'3"	48"	66"	2,500
MPH40-58-12-EXP	14'3"	40"	58"	2,600
MPH48-66-12-EXP	15'4"	48"	66"	2,750

Q) When should I choose the slotted trip expressway reversible?
A) This is considered a higher speed plow because of the tapered design, attack angle and slotted trip. It will pick up snow and discharge it faster and farther. The plow is used primarily in rural areas, mountain passes, expressways and Interstate highways.

Plow | Moldboard Options

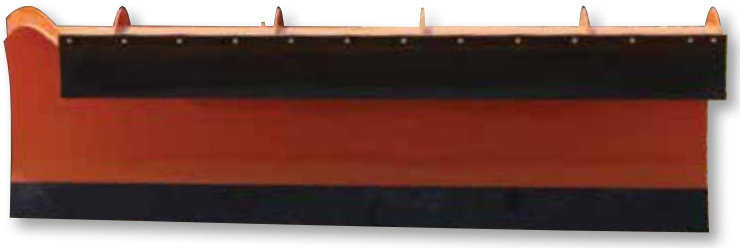
Not all options are compatible with all models of plows.
Please contact MTE for more details.

Polymer Over Steel



3/8” UHMW Polyurethane Overlay

Mailbox Trim with Rubber Snow Deflector



Provides Optimal Mailbox Obstacle Clearance

Mouse Ear(s)



Improves Snow Casting Ability - Available on Right Side, Left Side or Dual Ears

Air Foil



Prevents most of the light snow from blowing over the top of the moldboard onto the driver’s windshield.

Flexible Plastic Markers



42” Flexible Cable Markers

Not all options are compatible with all models of plows.

Options | Lift Groups & Pushframes



Standard Level Lift Pushframe Kit



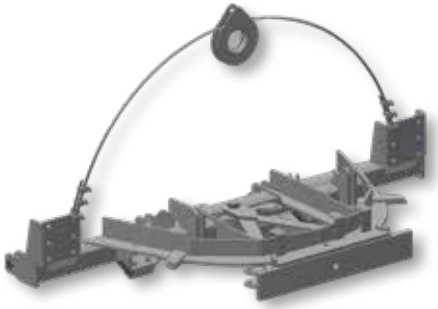
2-Chain Lift Pushframe Kit



Single Chain Lift Pushframe Kit



Continuous Chain with Sliding Block Level Lift Pushframe Kit



Cable Level Lift Pushframe Kit



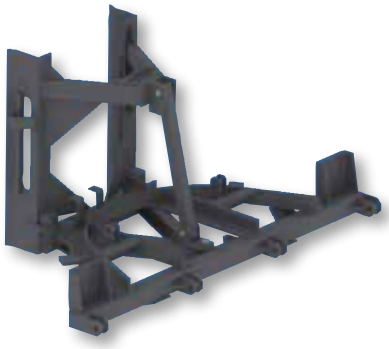
Y-Chain Lift Pushframe Kit



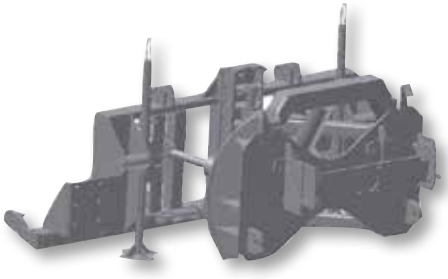
Heavy Duty 5” Tubular Pushframe Kit



Pushframe Kit, RVS, TT, 10’-12’



Husting Lift

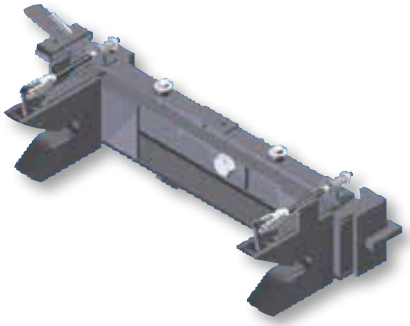


Parallel Lift Frame

Hitches | Plow Portion

Not all options are compatible with all models of plows.
Please contact MTE for more details.

Quick Type Hitch



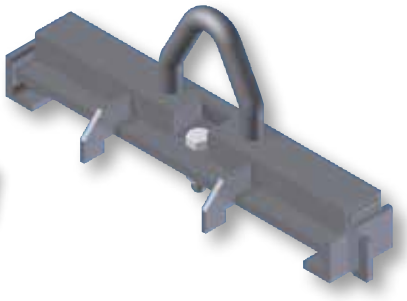
MC6000 Quick Hitch Swivel Plate

Loop Type Hitches

QCP Loop Weld On Style



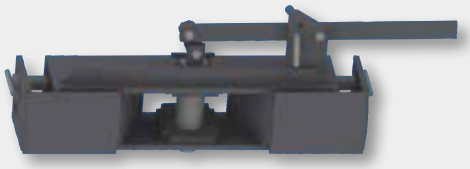
QCP Loop Weld On Style Swivel Plate



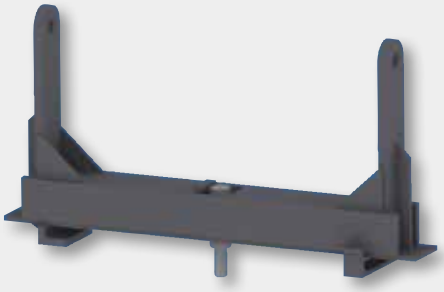
Pin Type Hitches



Pin Style Swivel Hitch Also Available in 21", 30.5" and 33.5" Center

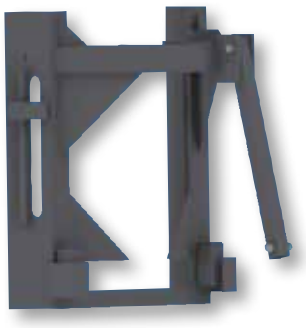


MC801 Field Conversion Kit to Convert Pin Style to Loop Style Hitch



Pin Hitch for 26B Style Hitch

Husting Hitch



Husting Hitch Plow Portion

Quick Link Hitch



Quick Link Swivel Plate Hitch

Tor-Lock/Arrowhead Hitch



Weld On Plow Portion

Not all options are compatible with all models of plows.
Please contact MTE for more details.

Plow Options | Shoes



Skid Shoe with Jack Kit



Carbide Skid Shoe w/ Jack Kit



Mushroom Shoe with Jack Kit



Mushroom Shoe with Jack Kit



Snow Wheel Kit



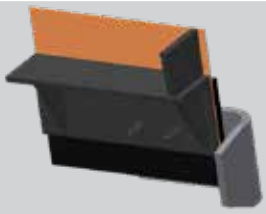
Caster Wheel with Jack Kit



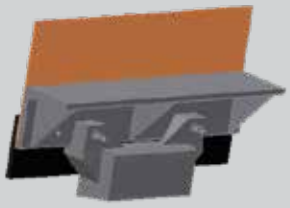
Removable Parking Jack



Half Moon Curb Guard Kit



Wrap Around Curb Guard



Moldboard Shoe Kit

4 Locations to Serve You

Monroe, WI

Marshfield, WI

De Pere, WI

Joliet, IL







municipal.monroetruck.com

800-880-0109

monroe

a brand of aebi schmidt

FEB-23-V2

TELEMET
Efficiency Through Simplicity™

Advice, spare parts and service

Telemet · Office in Chile

Los Canteros 8723, La Reina, Santiago 7880414, Chile

Phone +56 22 356 2735

info@telemet.com

telemet.com