DYMAXINC

HYDRAULIC ANGLING BLADES

OVERVIEW

Dymax Hydraulic Angling Blades are designed for demanding snow removal, grading, and general construction applications. Built for wheel loaders, they provide 30° of hydraulic angling in both directions for controlled windrowing and efficient material movement.

Customers can choose between two pivot configurations: an oscillating trunnion design for better ground contour follow, or a heavy-duty rigid pivot pin design for maximum pushing power in deep snow and high-load conditions. This allows the blade to be matched to the jobsite and application.

No matter the configuration, Dymax blades are built for durability, hydraulic reliability, and dependable performance in the field. They are well suited for municipal fleets, industrial yards, mine sites, and other demanding winter applications.

APPLICATIONS

- **Snow Removal**
- **Grading and Material Delivery**
- **Parking Lots, Roadways, and more!**

KEY BENEFITS

- **30° Hydraulic Angling Power**
  Full 30° left and right hydraulic angling allows operators to efficiently windrow snow or material while maintaining control and productivity.
- **Built for Heavy Winter Conditions**
  Heavy-duty moldboard construction, reinforced pivot structure, and large-bore angling cylinders provide the strength needed for deep snow, packed drifts, and industrial clearing.
- **Pivot Options Matched to Application**
  Choose the oscillating pivot design for improved contour-following on uneven surfaces, or the rigid pivot pin design for maximum push strength in deep, dense snow conditions.
- **Operator-Controlled Efficiency**
  Hydraulic angling from the cab eliminates manual adjustments, improves safety, and allows operators to adapt quickly to changing surface conditions.
- **Built-In System Protection**
  Relief valve automatically dissipates excess hydraulic pressure, helping prevent damage to the plow, cylinders, and wheel loader.

DYMAX

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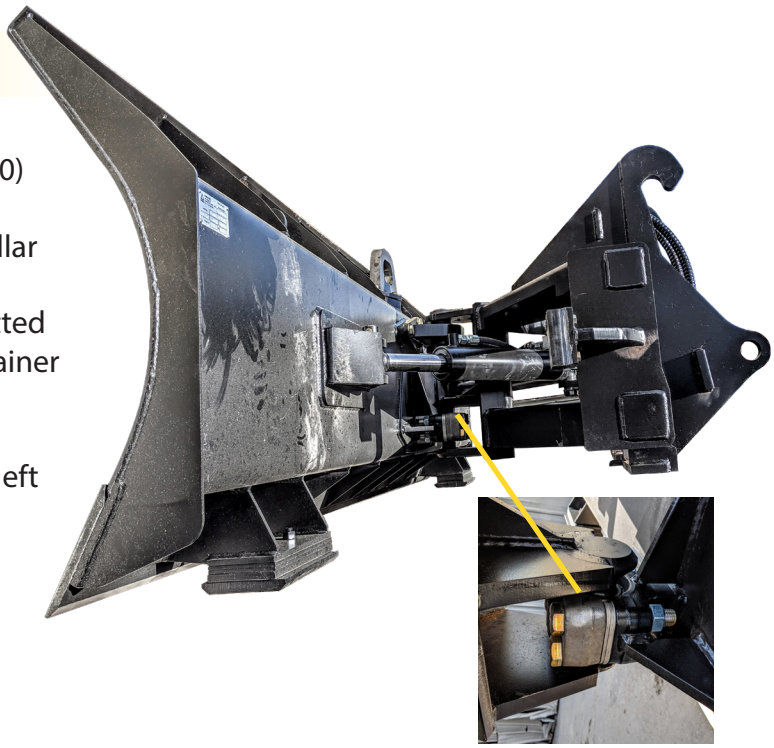
Choose your blade, then customize it!

MODEL: DX-BL-HAP (Pivot Pin)

- **Widths:** Up to 22 feet wide
- **Moldboard Height:** 36" (WL30 or BHL), 48" (WL50-WL80) and 54" (WL90)
- **Bolt-On Cutting Edges:** Standard 6" HT edge or Caterpillar type edge.
- **Pivot:** Grease pin with bushings (fixed) for HD applications.
- **Machines:** Backhoe loaders, wheel loaders, graders
- **Cylinders:** Twin angling delivering up to 30 degrees left and right.
- **Valves:** Includes crossport relief valve

MODEL: DX-BL-HAO (Oscillating)

- **Widths:** Up to 18 feet wide
- **Moldboard Height:** 36" (WL30 or BHL), 48" (WL50-WL80) and 54" (WL90)
- **Bolt-On Cutting Edges:** Standard 6" HT edge or Caterpillar type edge.
- **Pivot:** Trunnion + 2 top pin retainers. Includes 1 slotted retainer for 5 degrees of oscillation or fixed pin retainer to make plow rigid.
- **Machines:** Backhoe woaders, wheel loaders, graders
- **Cylinders:** Twin angling delivering up to 30 degrees left and right
- **Valve:** Includes crossport relief valve



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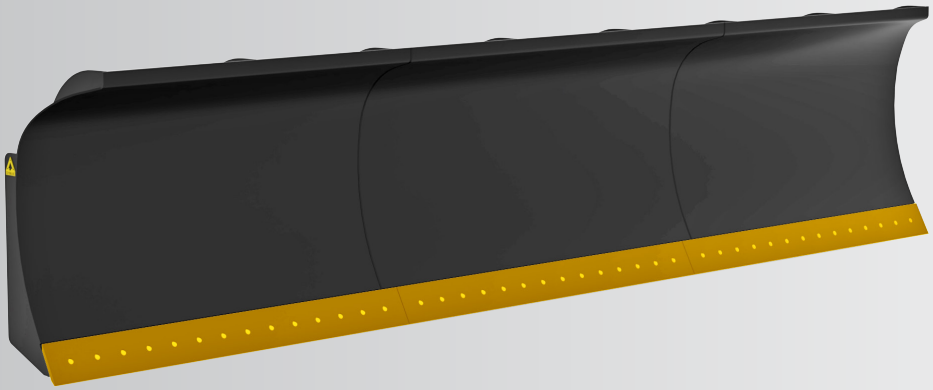
Shoe Options Pick one - included in price

Shim-Adjustable Wear Pads – Provides a wide, stable contact surface. Ideal for gravel yards, industrial sites, and heavy-duty pushing applications.

Screw-Adjustable Round Skid Shoes – Make quick blade height adjustments. Ideal for paved surfaces, such as roads and parking lots.

Standard Edge Options Pick one - included in price



Standard Reversible Edge
3/4" x 8" heat-treated bolt-on cutting edge with 6" bolt hole spacing.

Caterpillar-Style Edge
Heavy-duty non-reversible heat-treated cutting edge

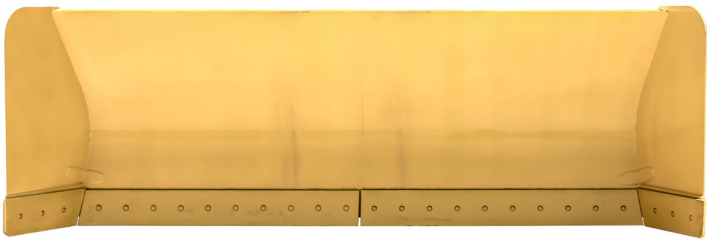
Custom Edge Solutions:
Rubber, Poly, Serrated Pick or Polarflex By Valley Blades.
Additional charges may apply.

Upgrade for Snow Containment Models

Additional charges may apply.

Bolt-On Side Plates (Snow Pusher Kit) – Heavy-duty bolt-on side containment plates convert the plow into a snow pusher configuration, reducing spillover and increasing snow carrying capacity. Ideal for parking lots, industrial yards, and large paved areas where it's critical to efficiently move and stack large volumes of snow.

Welded U-Wing Upgrade – Integrated containment wings increase blade capacity for high-volume snow or material pushing applications.



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MODEL: DX-BL-HAP (Greaseable Pivot Pin)

Model #	Description	Cyl Size	Weight (lbs)
Wheel Loader Blades (Class 40-60)			
DX-BL-HAP-14ftx42in-WL-50/60	Blade – Hydraulic Angle Pivot Pin – 14 feet wide x 42 inches tall	*4.0x16*	3,410
Wheel Loader Blades (Class 50-90)			
DX-BL-HAP-12ftx48in-WL-50	Blade – Hydraulic Angle Pivot Pin – 12 feet wide x 48 inches tall	*4.0x16*	3,400
DX-BL-HAP-14ftx48in-WL-60/70	Blade – Hydraulic Angle Pivot Pin – 14 feet wide x 48 inches tall	*4.0x16*	3,610
DX-BL-HAP-16ftx48in-WL-70/80	Blade – Hydraulic Angle Pivot Pin – 16 feet wide x 48 inches tall	*5.0x16*	3,850
DX-BL-HAP-18ftx48in-WL-80	Blade – Hydraulic Angle Pivot Pin – 18 feet wide x 48 inches tall	*5.0x16*	5,500
DX-BL-HAP-22ftx55in-WL-80/90	Blade – Hydraulic Angle Pivot Pin – 22 feet wide x 55 inches tall	*5.0x16*	6,500

Note: Weights are approximate and are subject to the specific arrangement.
Features to Select: Replaceable bolt-on reversible cutting edges or CAT style edge; shim adjustable wear pads or round shoes.
Standard Features: 30 degree hydraulic angling, crossport relief valve, greaseable pivot pin assembly, choice of coupler hooks.
Hyd Requirements: Requires 3rd valve auxiliary circuit. Not supplied with hoses or disconnects.
Options & Customization: Snow pusher kit with bolt-on side plates; U-wing welded upgrade; Custom edge arrangements or special width requirements.

MODEL: DX-BL-HAO (Oscillating)

Model #	Description	Cyl Size	Weight (lbs)
Backhoe Loader/Small Wheel Loader Blades (WL-30)			
DX-BL-HAO-10ftx36in-BL-10/20 DX-BL-HAO-10ftx36in-WL-30	Blade – Hydraulic Angle Oscillation Interface – 10 feet wide x 36 inches tall 4569D	*3.0x16*	2,250
Wheel Loader Blades (Class 40-60)			
DX-BL-HAO-11ftx42in-WL-40	Blade – Hydraulic Angle Oscillation Interface – 11 feet wide x 42 inches tall	*4.0x16*	2.850
DX-BL-HAO-12ftx42in-WL-40/50	Blade – Hydraulic Angle Oscillation Interface – 12 feet wide x 42 inches tall	*4.0x16*	3,200
DX-BL-HAO-13ftx42in-WL-50/60	Blade – Hydraulic Angle Oscillation Interface – 13 feet wide x 42 inches tall	*4.0x16*	3,500
DX-BL-HAO-14ftx42in-WL-50/60	Blade – Hydraulic Angle Oscillation Interface – 14 feet wide x 42 inches tall	*4.0x16*	3.800
Wheel Loader Blades (Class 50-90)			
DX-BL-HAO-12ftx48in-WL-50	Blade – Hydraulic Angle Oscillation Interface – 12 feet wide x 48 inches tall	*4.0x16*	4,000
DX-BL-HAO-14ftx48in-WL-60/70	Blade – Hydraulic Angle Oscillation Interface – 14 feet wide x 48 inches tall	*4.0x16*	4,450
DX-BL-HAO-16ftx48in-WL-70/80	Blade – Hydraulic Angle Oscillation Interface – 16 feet wide x 48 inches tall	*5.0x16*	4.300

Note: Weights are approximate and are subject to the specific arrangement.
Features to Select: Replaceable bolt-on reversible cutting edges or CAT style edge; shim adjustable wear pads or round shoes.
Standard Features: 30 degree hydraulic angling, crossport relief valve, trunnion oscillation frame with slotted and fixed pin retainer, choice of coupler hooks.
Hyd Requirements: Requires 3rd valve auxiliary circuit. Not supplied with hoses or disconnects.
Options & Customization: Snow pusher kit with bolt-on side plates; U-wing welded upgrade; Custom edge arrangements or special width requirements.

Specifications are subject to change without notice.

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