



# **ARCTIC SECTIONAL SNO-PUSHER™**





# SECTIONAL SNO-PUSHER™ BENEFITS

## **PLOW ONCE & BE DONE**

The Arctic Sectional Sno-Pusher™ is well known to be the cleanest scraping plow on the market. Unlike any competitor, it cuts through ice & hard packed snow like it was powder, expertly contours to any surface, and can dip below grade into depressions, leaving nothing behind.

## **LOWER INSURANCE RISK**

With the tripping capability of both the spring loaded cutting edges and the independent sectioned moldboards, common collisions with hidden obstacles are a thing of the past, reducing both property and operator injury claims. A cleaner scrape also means fewer slip and falls.

## **REDUCE SALT USAGE BY UP TO 50%**

The AR 400 steel cutting edges and sectional design allows the Sectional Sno-Pusher™ to scrape cleanly down to the pavement, effectively removing all snow and ice and nearly eliminating the need for salting.

## **IMPROVE PROFIT MARGINS**

Not only will you save over 50% on your salt use, but your plowing efficiency will be so improved that you will realize significant savings in fuel and operator expenses, while being able to accomplish more work with the same investment in equipment and attachments.

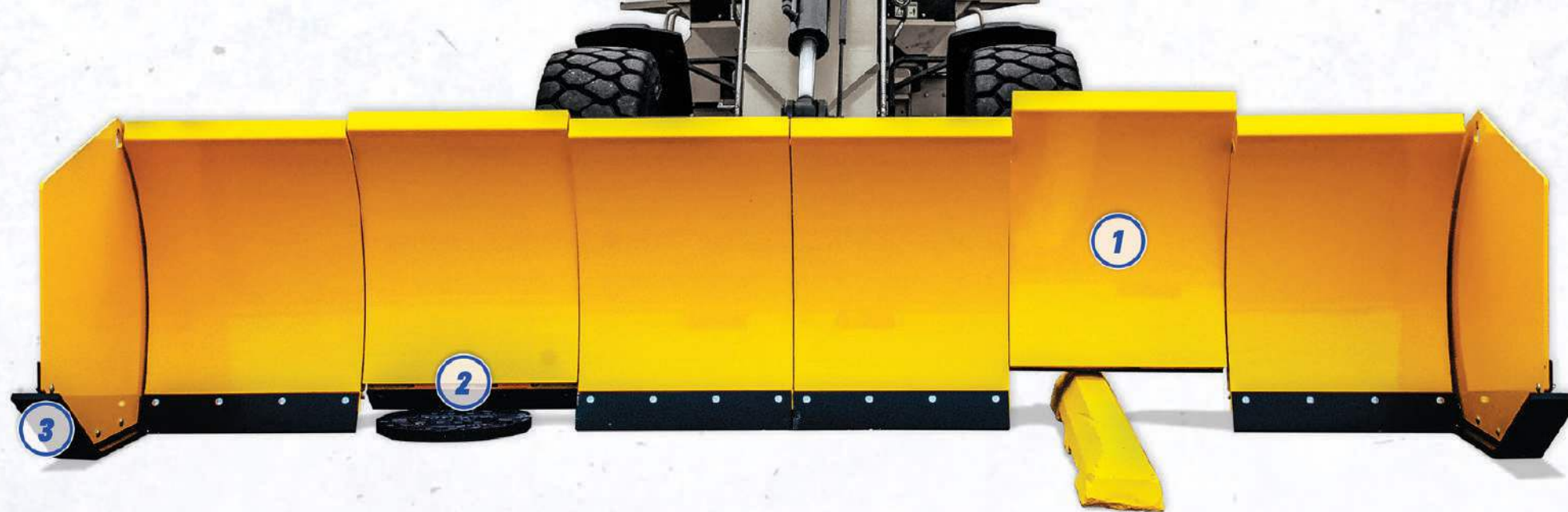
## **MINIMIZE COSTLY REPAIRS**

It costs several hundred dollars to replace a damaged rubber cutting edge on a snow pusher. With Arctic's forward-thinking design, only the steel cutting edge of a single sectional moldboard needs to be replaced if damaged. The pusher's composition also ensures it is always moving flat along the ground, eliminating uneven and accelerated shoe wear. Because of the sectional design, any substantial damage is usually localized, thus avoiding the need for a total plow replacement.

**THE ORIGINAL SECTIONAL  
NOTHING ELSE COMES CLOSE**



# SECTIONAL SNO-PUSHER™ FEATURES



ALL OF OUR PRODUCTS ARE  
BUILT IN OUR 162,000 SQ. FT.  
MANUFACTURING FACILITY  
IN BRADLEY, IL

- 1 **INDIVIDUAL SECTIONED MOLDBOARDS**  
Comprised of 32 inch independent sections on the HD models and 30 inch on the LD models to let the plow contour to the grade of any surface for cleaner passes. Each moldboard section independently trips up to 9 inches over unseen obstacles in the snow, as well as dipping into depressions up to 9 inches deep.
- 2 **AR400 STEEL SPRING-LOADED TRIP CUTTING EDGES**  
Steel cutting edges scrape compacted snow and ice down to the pavement. The spring-loaded design allows the cutting edge to trip back on pavement anomalies up to 4 inches in height.
- 3 **AR400 STEEL WEAR SHOES**  
The wear shoes lay flat on the surface to prevent premature wear while also skiing over obstacles and protecting side panels from impacts.
- 4 **MECHANICAL SIDE PANELS**  
This feature allows the pusher to maintain contact with the ground at all times, thus containing snow more effectively. lift up to 9 inches high to glide over and around obstacles and clean curb lines quickly and completely.
- 5 **POLYURETHANE MOUNTING BLOCKS**  
Secure each moldboard section to the pusher's mainframe, absorbing impact to protect the pusher, machine and operator. The "polyblocks" are key to allowing each section to contour to pavement variations and scrape down to the bare surface in a single pass. They also provide the operator the ability to apply variable down pressure to easily remove ice or hardpacked snow.
- 6 **PATENTED SLIP-HITCH™ UNIVERSAL COUPLER SYSTEM**  
Allows for quick & easy changeover to any quick connect couplers or bucket mounts to fit any equipment manufacturer's mounting system. It floats up and down independently from the machine, and automatically self-levels the pusher. It also allows the machine to keep all four tires on the ground for full traction.

"THE ONLY PUSHER YOU'LL EVER NEED"™



# HOOKING UP HAS NEVER BEEN SO EASY.

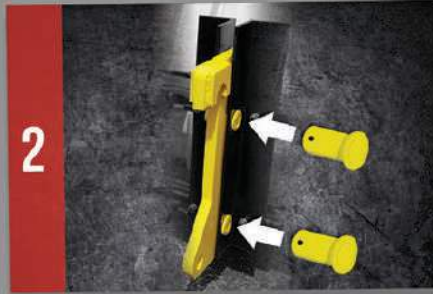


The Slip-Hitch™ is the patented connection between the machine and the attachment. Arctic accomplishes several things with this one invention. First, since the mounts are pinned in place, not welded on, it is an Interchangeable universal mounting system, allowing for fast changeover to any manufacturer's quick connect coupler, universal skid steer mount, or universal bucket mount in minutes. Next, it allows the wheel loader or skid steer operator to connect or disconnect the (non-hydraulic) attachments without leaving the cab. It also provides the up and down tolerances crucial to the pusher/plow's floating characteristics and provides an extra level of protection to the attachment and equipment as well as the operator. Finally, and perhaps most significantly, it is the reason why all Arctic pushers and plows are unique in that they are self-leveling, keeping all four tires on the ground at all time for true drop-and-go capability, allowing novice operators to plow like experts. Maximum traction, minimum wear, lower labor costs and increased safety...and only Arctic has it.

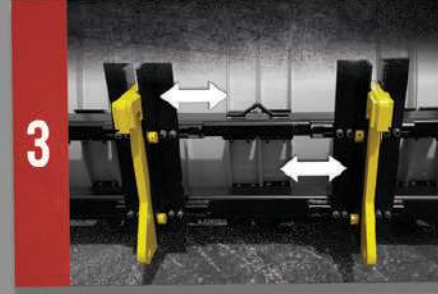
IT'S AS  
SIMPLE AS 1 • 2 • 3



1  
SELECT COUPLER HOOKS THAT FIT YOUR MACHINE



2  
INSTALL HOOKS USING 2" PINS



3  
ADJUST HOOKS ON THE SLIDE-RAIL TO MATCH WIDTH OF YOUR MACHINE

## PUSHER SIZES

### COMPACT-DUTY MODELS | 24" WIDE MOLDBOARDS

MODELS	WIDTH	HEIGHT	DEPTH	WEIGHT
CD-6.5	78.5"	26"	50"	974 lbs
CD-8.5	102.5"	26"	50"	1,025 lbs

### LIGHT-DUTY MODELS | 30" WIDE MOLDBOARDS

MODELS	WIDTH	HEIGHT	DEPTH	WEIGHT
LD-8	96"	32"	58"	1,150 lbs
LD-10.5	126"	32"	58"	1,792 lbs
LD-13	156"	32"	58"	2,050 lbs
LD-15.5	186"	32"	58"	2,456 lbs



CONTACT YOUR NEAREST DEALER FOR PRICING  
[www.arcticsnowproducts.com/dealer-locator/](http://www.arcticsnowproducts.com/dealer-locator/)

### HEAVY-DUTY MODELS | 32" WIDE MOLDBOARDS

MODELS	WIDTH	HEIGHT	DEPTH	WEIGHT
HD-11.5	137.5"	47"	73"	3,190 lbs
HD-14	169.5"	47"	73"	3,592 lbs
HD-17	201.5"	47"	73"	4,004 lbs
HD-19.5	233.5"	47"	73"	4,468 lbs
HD-22	265"	47"	73"	4,878 lbs
HD-27.5	329.5"	47"	73"	5,288 lbs

## MACHINE SIZING RECOMMENDATIONS

Model	Min. HP	Min. Lift Capacity (lbs.)	CAT	CASE	John Deere	Volvo	New Holland	Bobcat	Takeuchi	Gehl
CD-6.5	35	1,200	216B Series 2	410	170	MC80B	LS150	763	TL20	SL5515
CD-8.5	45	1,750	242B Series 2	420	318D/CT322	MC80B	C175/L170	S185/T180	TL230	5240E

Model	Min. HP	Min. Lift Capacity (lbs.)	CAT	CASE	John Deere	Volvo	New Holland	Bobcat	Takeuchi	Gehl
LD-8	50	1,750	232B Series 2	420	318D/CT322	MC80B	C175/L170	S185/T180	TL230	5240E
LD-10.5	70	2,000	242B Series 2	430-450	3260/CT332	MC90B	L180	S630	TL240	5640E
LD-13	80	2,400	262C	465	328D	MC110B	C185/L185	T300/S300	TL250	6640E/CTL75

Model	Min. HP / Drive	CAT	CASE	John Deere	Volvo	New Holland
LD-10.5	70 HP / 2WD	414	570	210	BL60	B90
LD-13	80 HP / 4WD	416/420	580-M	310	BL60	B90B
LD-15.5	85 HP / 4WD	430/446	580 Super M/590	310 SJ/410	BL70	B100B

Model	Min. HP	CAT	CASE	John Deere	Volvo	New Holland	Takeuchi	Gehl
LD-10.5	50	902	21-E	--	L-20	W50	L20B	AWS36
LD-13	60	906	221	304	L-25	W60	L30B Pro	AWS36
LD-15.5	70	908	321	304	L-30	W70	L30B Pro	--

Model	Min. Machine Class	CAT	CASE	John Deere	Volvo	New Holland
HD-11	1.5 YD	914/IT14	521	444	L-60	W110
HD-14	2 YD	918/924	621	524	L-60	W110/W130
HD-17	2.5 YD	924/930	621/721	544	L-70	W130
HD-19.5	3 YD	930/938	721	624	L-90	W130
HD-22	4.5 YD	938	821	644	L-110	W170
HD-27.5	5 YD	950/IT62	921	724/744	L-120	W190B

All sizing recommendations are subject to your machine's age and condition. You should always check with your dealer or Arctic rep when making final determination on your pusher model.





# INNOVATION OUT OF FRUSTRATION

Randy Strait did not set out to build snow pushers. His business objective wasn't to design a revolutionary snow pusher. Rather, the invention was born out of necessity. In 1978, he was just a guy with a beat up truck and a standard plow, determined to keep his budding snow removal company profitable. But he soon realized if Arctic Snow & Ice Control was ever going to reach his vision for service and success, he needed a competitive edge that would not only increase revenue, but also would reduce his overall expenses.

He took everything he knew about conventional snowplows, and their shortcomings, and designed his own pusher. One-piece moldboards were out. Rigid cutting edges were gone. And static side panels became a thing of the past. An innovative concept in pusher design, Strait's pushers were comprised of smaller, individual moldboard sections equipped with trip edges and mechanical side panels. Complete with steel cutting edges and a patented hitch system – he achieved his competitive edge, and a whole lot more.

Because the pusher was designed specifically to help build his own snow-removal business, it wasn't until competitive snow removal contractors approached him that he even thought about manufacturing the pushers for sale. No stranger to rising fuel costs, salt shortages, and soaring steel prices, Strait recognized the positive impact the pushers had on Arctic Snow and Ice Control's bottom line and wanted to offer others in the industry the same shot at success.

Contractor-developed and contractor-owned, Sectional Sno-Pusher™ was the first of its kind on the market and continues to lead the industry in value, performance and innovation. From clearing ice and compacted snow on the first pass, to minimizing repair costs, to drop-and-go operation, Sectional Sno-Pusher™ is the best investment your company will ever make.



ARCTIC SNOW & ICE PRODUCTS® | 101 Euclid Avenue | Bradley, IL 60915



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