PADDLE SWEEPS

Choose The Size That Best Fits Your Operation







SIOUX STEEL COMPANY

1-800-557-4689 • www.siouxsteel.com • www.daaybinsweep.com





DAAY PADDLE SWEEP & ACCESSORIES

SAVE TIME WITH THE SAFEST SWEEPS IN THE INDUSTRY

Engineered To The Highest Specifications In The Industry.

Sioux Steel proudly manufactures a variety of fully submersible reclaim sweeps using flexible rubber paddles instead of dangerous augers. Our paddle sweeps are available for bins ranging from 15' up to 139' in diameter and our highest capacity sweep, the DPS 12K, offers a TRUE 12,000 bushels per hour max capacity! We're proud to make farm and commercial sites across the world safer & more efficient than they've ever been.



Buy Parts Online

No other product can match our quality and durability while offering the most common sense solution for farm equipment.

Moving parts on equipment may need to be replaced during the life of your machinery.

Get the most out of your equipment by completing safety checks, annual maintenance checks and replacing necessary parts.

Find commonly ordered parts online at www.agpartsdirect.com

BUY SWEEP PARTS



MINI-SWEEP 8	3
DAAY POWER SWEEP	9
INTERCEPTOR SWEEP 1	10
DPS G2 SWEEP	l 1
DPS 12K SWEEP	12
DPS 8K SWEEP	13
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PADDLE SWEEPS

CHOOSE THE PADDLE SWEEP THAT MEETS YOUR OPERATIONAL NEEDS.

		BUDGET SERIES	LEGACY	SERIES
Feature		Mini-Sweep	Daay Power Sweep	Interceptor
Duty Rating		Small Farm	Farm	Farm
Series		Budget	Base	Base
T 6 ':	MIN	1,000	1,000	1,000
True Capacity	MAX	2,200	5,000	5,500
Bin Diameter	MIN	15′	15′	15′
bili Diameter	MAX	48′	66′	60′
Curved Paddles				
Collector Ring				√Yes
Edge Sweep Co	mpatible			
Edge Buster Cor	mpatible	✓Yes	√Yes	√Yes
Intelligent Drive	2			
Sweep in Revers	se			
Back Up Controls				
Power		Mechanical Unload / Electric	Mechanical Unload	Electric
Tractor Power		Geared	Geared	Geared

PADDLE SWEEP BIN SITE REQUIREMENTS

For optimal performance, paddle sweeps are currently designed to be used in circular bins/ silos with dry flowable grains. Paddle sweeps are NOT intended for use in high moisture grain storage applications or suitable for non-grain commodities such as fertilizer, lime, etc. All paddle sweep parts are made to fit thru a 24 inch diameter access point in the bin/silo.

Please consider the following information when discussing your operational needs:

- Bin Diameter
- Eave Height
- · Capacity of the Unload
- Sump Dimensions
- Type of Floor (full or flush)



		LEGACY SERII	ES CONT'D	REVERSE	SMART SERIES		
Feature		DPS G2	DPS 12k	DPS Reverse	DPS 8K Electric		
Duty Rating		Farm/Commercial	Commercial	Farm/Commercial	Commercial		
Series		Base	Base	Smart/Reverse	Smart		
T C	MIN	1,000	7,500	2,500	4,000		
True Capacity	MAX	5,500	12,000	6,000	8,000		
Bin Diameter	MIN	15′	48′	48′	48′		
bin Diameter	MAX	105′	156′	105′	105′		
Curved Paddles			✓Yes	√Yes	✓Yes		
Collector Ring		√Yes	√Yes	√Yes	√Yes		
Edge Sweep Cor	mpatible	√Yes			✓Yes		
Edge Buster Cor	mpatible	✓Yes	Yes	✓Yes	✓Yes		
Intelligent Drive	<u>:</u>			√Yes	√Yes		
Sweep in Revers	se			√Yes			
Back Up Controls		√Yes	√Yes	√Yes	✓Yes		
Power		Electric	Electric	Electric	Electric		
Tractor Power		Geared	Geared	Independent Electric	Independent Electric		

SCALE COMPARISON OF PADDLE SWEEPS



Mini-Sweep



Daay Power Sweep / Interceptor Sweep



DPS G2 Sweep



Reverse Sweep / DPS 8K Sweep



DPS 12K Sweep

BIN SITE REQUIREMENTS

MAX EAVE HEIGHT/BURIAL DEPTH CHART

MAX EAVE HEIGHT/BURIAL DEPTH CHART FOR PADDLE SWEEPS														
Sweep Model	Bin/Silo Type	Support Systems	Bin/Silo Diameters											
			15′	18′	21′	24′	27′	30′	33′	36′	42′	48′	54′	60′
		Floor	to Ea	ve He	ight									
Mini-Sweep	Corrugated Bin	Zero Entry	38′	38′	38′	38′	38′	38′	38′	38′	38′	38′	NA	NA
Daay Power Sweep	Corrugated Bin	Jacks	70′	70′	70′	70′	40′	40′	40′	40′	40′	40′	35′	35′
Daay Power Sweep	Corrugated Bin	Zero Entry	70′	70′	70′	70′	70′	70′	70′	70′	70′	70′	70′	60′
Interceptor	Corrugated Bin	Jacks	70′	70′	70′	70′	40′	40′	40′	40′	40′	40′	35′	35′
Interceptor	Corrugated Bin	Zero Entry	70′	70′	70′	70′	70′	70′	70′	70′	70′	70′	70′	60′
	ı													
Daay Bin Paddle	Corrugated Bin	Jacks	115′	115′	115′	115′	115′	115′	115′	115′	115′	115′	115′	115′
Daay Bin Paddle, DPS G2, DPS 8K & Reverse Sweep	Corrugated Bin	Zero Entry	150′	150′	150′	150′	150′	150′	150′	150′	150′	150′	150′	150′
DPS 12K	Corrugated Bin	Zero Entry	NA	NA	NA	NA	NA	NA	NA	NA	NA	150′	150′	150′
		T												
Daay Bin Paddle	Concrete Silo	Jacks	160′	160′	160′	160′	160′	160′	160′	160′	160′	160′	160′	135′
Daay Bin Paddle, DPS G2, DPS 8K & Reverse Sweep	Concrete Silo	Zero Entry	160′	160′	160′	160′	160′	160′	160′	160′	160′	160′	160′	160′
DPS 12K	Concrete Silo	Zero Entry	NA	NA	NA	NA	NA	NA	NA	NA	NA	150′	150′	150′



MAX EAVE HEIGHT/BURIAL DEPTH CHART FOR PADDLE SWEEPS														
Sweep Model	Bin/Silo Type	Support Systems	Bin/Silo Diameters											
			66′	72′	75′	78′	90′	105′	116′	124′	132′	135′	139′	156′
				to Ea	ve Hei	ght								
Mini-Sweep	Corrugated Bin	Zero Entry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Daay Power Sweep	Corrugated Bin	Jacks	30′	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Daay Power Sweep	Corrugated Bin	Zero Entry	60′	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Interceptor	Corrugated Bin	Jacks	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Interceptor	Corrugated Bin	Zero Entry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Daay Bin Paddle	Corrugated Bin	Jacks	105′	95′	90′	90′	80′	75′	NA	NA	NA	NA	NA	NA
Daay Bin Paddle, DPS G2, DPS 8K & Reverse Sweep	Corrugated Bin	Zero Entry	150′	150′	140′	135′	115′	107′	NA	NA	NA	NA	NA	NA
DPS 12K	Corrugated Bin	Zero Entry	150′	139′	136′	125′	114′	107′	99′	95′	88′	88′	84′	73′
			,											
Daay Bin Paddle	Concrete Silo	Jacks	115′	105′	100′	95′	85′	75′	NA	NA	NA	NA	NA	NA
Daay Bin Paddle, DPS G2, DPS 8K & Reverse Sweep	Concrete Silo	Zero Entry	160′	160′	160′	150′	125′	107′	NA	NA	NA	NA	NA	NA
DPS 12K	Concrete Silo	Zero Entry	150′	139′	136′	125′	114′	107′	99′	95′	88′	88′	84′	73′

PRODUCT FEATURES, BENEFITS & SPECS



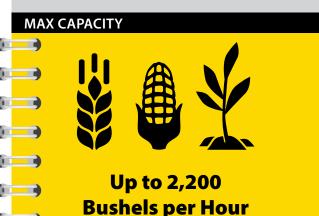
Compact Sweep For Farm-Duty Applications.



BIN DIAMETER



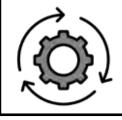
Manufactured for Bins 15' - 48' in Diameter



Note: These values can fluctuate greatly depending on the varying conditions present, including but not limited to; moisture content, grain commodity type and flowability, amount of foreign matter present, and compaction rate. These all play a part in the performance of the paddle sweep. Paddle sweep capacity may also vary as the angle of the sloping grain varies. For optimal performance, dry flowable grain is recommended. The paddle sweep is not intended for use in high moisture grain storage applications or suitable for non-grain commodities including fertilizer, lime, etc. Also, grain that may have gone out of condition due to moisture or insect activity and has become hard or caked will result in diminished capacity. Additional floor supports required to prevent damage below jack stands or zero-entry pads for bins with full-floor ageration



- Drastically reduces or eliminates the need to manually sweep or shovel bin floors.
- Designed to be fully submersed in grain.
- Electric motor option available for bins without a center gearbox or existing sweep.
- The most economical solution for unloads up to 2,200 BPH capacity.
- Patented inclined head section available for off-center sumps.
- Aggressive shell design allows the sweep to thrive while digging itself out of a grain avalanche.
- Automatically adjusts to uneven floor height with a patented flexible joint and stabilizer arms.
- DIY: Assembly required.



RETROFIT COMPATIBLE

The Mini-Sweep is capable of being connected directly to new or existing 8" or 10" round tube or U-trough unloads.

REQUEST A FREE OUOTE

Scan the QR Code with your smart device, or visit us at: www.daaybinsweep.com, to request a free quote.





EDGE BUSTER



DARY POWER SWEEP

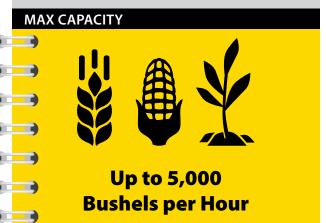
The Original Auger Sweep Replacement.

APPLICATION Farm Bins

BIN DIAMETER



Manufactured for Bins 15' - 66' in Diameter



Note: These values can fluctuate greatly depending on the varying conditions present, including but not limited to; moisture content, grain commodity type and flowability, amount of foreign matter present, and compaction rate. These all play a part in the performance of the paddle sweep. Paddle sweep capacity may also vary as the angle of the sloping grain varies. For optimal performance, dry flowable grain is recommended. The paddle sweep is not intended for use in high moisture grain storage applications or suitable for non-grain commodities including fertilizer, lime, etc. Also, grain that may have gone out of condition due to moisture or insect activity and has become hard or caked will result in diminished capacity. Additional floor supports required to prevent damage below jack stands or zero-entry pads for bins with full-floor aeration.



- Connects directly to your existing unload gearbox, so there's no need for a 2nd motor or power cords.
- Designed to be fully submersed in grain.
- Patented inclined head section allows grain to flow evenly to the sump. Even if your sump is off-center, maximum capacity can still be achieved.
- Rubber paddles make contact with the floor to sweep much closer than a traditional auger.
- Aggressive shell design allows the sweep to thrive while digging itself out of a grain avalanche.
- Automatically adjusts to uneven floor height with a patented flexible joint and stabilizer arms
- Components arrive palletized and fit individually through a 24"x24" opening, simplifying installation in limited-access areas.
- Installation kits available for new bins or retrofit to existing power reclaim systems.



SAFETY FEATURE - CONTACT POINTS

Contact points at your sweep's home position allow for efficient operation, unload, and positioning for refill without ever entering the bin.

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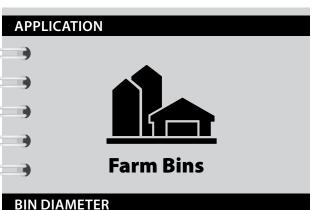
ADD-ON OPTION

EDGE BUSTER

PRODUCT FEATURES, BENEFITS & SPECS

) INTERCEPTOR®

All-Electric Alternative To Carry-In Sweeps.





Manufactured for Bins 15' - 60' in Diameter

MAX CAPACITY







Up to 5,500 Bushels per Hour

Note: These values can fluctuate greatly depending on the varying conditions present, including but not limited to; moisture content, grain commodity type and flowability, amount of foreign matter present, and compaction rate. These all play a part in the performance of the paddle sweep. Paddle sweep capacity may also vary as the angle of the sloping grain varies. For optimal performance, dry flowable grain is recommended. The paddle sweep is not intended for use in high moisture grain storage applications or suitable for non-grain commodities including fertilizer, lime, etc. Also, grain that may have gone out of condition due to moisture or insect activity and has become hard or caked will result in diminished capacity. Additional floor supports required to prevent damage below jack stands or zero-entry pads for bins with full-floor aeration.



- Electric motor powers both the sweep and tractor drive mechanism using single or three-phase power.
- Heavy duty paddle chain & explosion proof motor.
- Rubber paddles make contact with the floor to sweep much closer than a traditional auger.
- Designed to be fully submersed in grain.
- Aggressive shell design allows the sweep to thrive while digging itself out of a grain avalanche.
- Components arrive palletized and fit individually through a 24"x24" opening, simplifying installation in limited-access areas.
- Moves grain gently and evenly to a center sump.



OPTIONAL UPGRADE - VFD SYSTEM

- Control in increments of 100 bu/hr to precisely match your desired unload rate.
- Energy savings when operating below max capacity.

REQUEST A FREE QUOTE

Scan the QR Code with your smart device, or visit us at: www.daaybinsweep.com, to request a free quote.



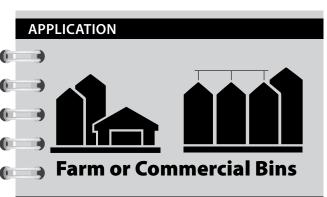


EDGE BUSTER





2nd Generation Bin Paddle Sweep.



BIN DIAMETER



Manufactured for Bins 15' - 105' in Diameter

MAX CAPACITY



Up to 5,500 Bushels per Hour

Note: These values can fluctuate greatly depending on the varying conditions present, including but not limited to; moisture content, grain commodity type and flowability, amount of foreign matter present, and compaction rate. These all play a part in the performance of the paddle sweep. Paddle sweep capacity may also vary as the angle of the sloping grain varies. For optimal performance, dry flowable grain is recommended. The paddle sweep is not intended for use in high moisture grain storage applications or suitable for non-grain commodities including fertilizer, lime, etc. Also, grain that may have gone out of condition due to moisture or insect activity and has become hard or caked will result in diminished capacity. Additional floor supports required to prevent damage below jack stands or zero-entry pads for bins with full-floor aeration.



- Highly configurable, efficient paddle sweep for any size bin.
- Contact points at your sweep's home position allow for efficient operation, unload, and positioning for refill without ever entering the bin.
- Tires are designed to slip to keep the sweep from climbing the grain pile, allowing the sweep to clean very close to the floor.
- Improved bolt-together design and heavy duty 10-gauge steel construction.
- Heavy duty paddle chain & explosion proof motor.
- Standard weight kits increase traction against stubborn grain.
- Automatically adjusts to uneven floor height with a patented flexible joint and stabilizer arms.
- Dual drives on sweeps over 60' in length
- Triple drives on sweeps over 78' in length.



OPTIONAL UPGRADE - DELUXE CONTROLS

The Deluxe Control Box offers complete control of the sweep through remote and/or local operation.

REQUEST A FREE QUOTE

Scan the QR Code with your smart device, or visit us at: www.daaybinsweep.com, to request a free quote.



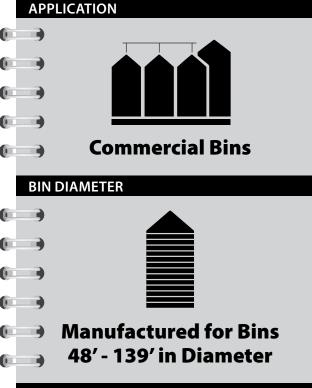
ADD-ON OPTIONS

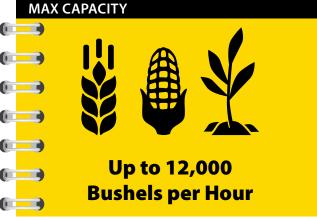
EDGE SWEEP & EDGE BUSTER

PRODUCT FEATURES, BENEFITS & SPECS

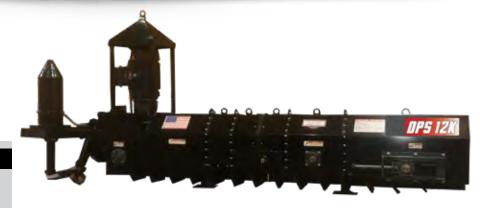


High Capacity Sweep For Commercial Applications.





Note: These values can fluctuate greatly depending on the varying conditions present, including but not limited to; moisture content, grain commodity type and flowability, amount of foreign matter present, and compaction rate. These all play a part in the performance of the paddle sweep. Paddle sweep capacity may also vary as the angle of the sloping grain varies. For optimal performance, dry flowable grain is recommended. The paddle sweep is not intended for use in high moisture grain storage applications or suitable for non-grain commodities including fertilizer, lime, etc. Also, grain that may have gone out of condition due to moisture or insect activity and has become hard or caked will result in diminished capacity. Additional floor supports required to prevent damage below jack stands or zero-entry pads for bins with full-floor aeration.



- Driven by a powerful three-phase, explosion proof electric motor.
- Designed to be fully submersed in grain.
- Flexible rubber paddles move grain gently and evenly to the sump.
- Contact points at your sweep's "home" position allow for efficient operation, unload, and positioning for refill without ever entering the bin.
- Multiple drive tractors ensure complete contact with your grain and even loading of the sweep
- Standard power collector ring (or slip ring) provides constant power without requiring entry to move electrical cables.
- Patented curved paddles reduce cavitation in the paddle wake, increasing capacity and efficiency..
- Deluxe controls offer remote operation and power LOTO (Lockout/Tagout) points.



OPTIONAL UPGRADE - VFD SYSTEM

- Deluxe Starter to precisely match your desired unload rate.
- Energy savings when operating below max capacity.

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Scan the QR Code with your smart device, or visit us at: www.daaybinsweep.com, to request a free quote.



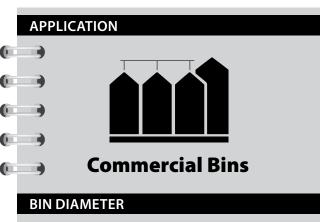


EDGE BUSTER



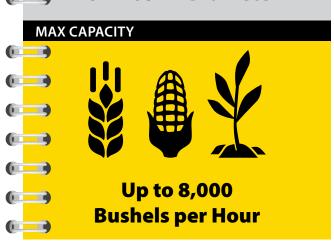
DPS 8K

High-Capacity Sweep With Smart Controls.





Manufactured for Bins 48' - 105' in Diameter



Note: These values can fluctuate greatly depending on the varying conditions present, including but not limited to; moisture content, grain commodity type and flowability, amount of foreign matter present, and compaction rate. These all play a part in the performance of the paddle sweep. Paddle sweep capacity may also vary as the angle of the sloping grain varies. For optimal performance, dry flowable grain is recommended. The paddle sweep is not intended for use in high moisture grain storage applications or suitable for non-grain commodities including fertilizer, lime, etc. Also, grain that may have gone out of condition due to moisture or insect activity and has become hard or caked will result in diminished capacity. Additional floor supports required to prevent damage below jack stands or zero-entry pads for bins with full-floor ageration.



- Integrated VFD allows for precision tuning of throughput from 4,000 - 8,000 bu/hr
- Flanged, modular housing provides for easy installation & servicing.
- Aggressive shell design allows the sweep to thrive while digging itself out of a grain avalanche.
- Heavy duty paddle chain, explosion proof motor, gearbox, & triple lip seal bearings
- Zero entry pads at your sweep's home position allow for efficient operation, unload, and positioning for refill without ever entering the bin.
- Designed to be fully submersed in grain
- Patented curved paddles reduce cavitation in the paddle wake, increasing capacity & efficiency.



INNOVATIVE FEATURE - INTELLIGENT DRIVE

Load-sensing drive motors adjust automatically to grain conditions during the unload process, reducing the need to monitor your sweep.

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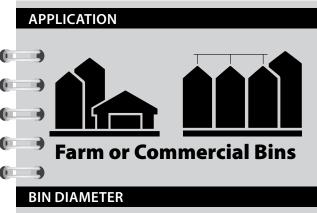


EDGE SWEEP & EDGE BUSTER

PRODUCT FEATURES, BENEFITS & SPECS



Sweep Grain In Either Direction Of Travel.





Manufactured for Bins 48' - 105' in Diameter

MAX CAPACITY



Up to 6,000 Bu/Hr In Forward Direction



Up to 2,500 Bu/Hr In Reverse Direction

Note: These values can fluctuate greatly depending on the varying conditions present, including but not limited to; moisture content, grain commodity type and flowability, amount of foreign matter present, and compaction rate. These all play a part in the performance of the paddle sweep. Paddle sweep capacity may also vary as the angle of the sloping grain varies. For optimal performance, dry flowable grain is recommended. The paddle sweep is not intended for use in high moisture grain storage applications or suitable for non-grain commodities including fertilizer, lime, etc. Also, grain that may have gone out of condition due to moisture or insect activity and has become hard or caked will result in diminished capacity. Additional floor supports required to prevent damage below jack stands or zero-entry pads for bins with full-floor aeration.



- Perfect for bin/silo installations where full 360 sweep operation isn't possible.
- Heavy duty paddle chain, explosion proof motor, gearbox & triple lip seal bearings.
- Zero-entry pads at your sweep's home position allow for efficient operation, unload, and positioning for refill without ever entering the bin.
- Independent, direct-drive tractors automatically adjusts to the contour of the floor.
- Designed to be fully submersed in grain.
- Aggressive shell design allows the sweep to thrive while digging itself out of a grain avalanche.
- Modular housing for easy install and service of sweep.
- Patented curved paddles reduce cavitation in the paddle wake, increasing capacity & efficiency.



OPERATE IN EITHER FORWARD OR REVERSE DIRECTION!

The **ONLY** System Capable Of Sweeping Grain In Either Direction Of Travel (*Patent Pending Feature*).

REQUEST A FREE QUOTE

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EDGE BUSTER



EDGE BUSTER

Prevent Buildup Of Old Grain And Debris On The Edge Of The Bin.

- Offers improved agitation of non-flowing grain & foreign material at the bin wall.
- Buster bar is made from a durable, non-sparking and anti-static plastic.
- Shear bolt protected assembly.
- Can be installed on all new or existing Sioux Steel sweep models.
- Reduces the labor needed to unload the bin.
- Further reduces need to access the bin.
- Patent pending.



Sweeps Grain From Edge Of Bin, Allowing It To Be Reclaimed.

- Removes grain from the very edge of the bin, allowing for it to be moved and reclaimed by the paddle sweep.
- Works around obstructions in the bin up to 12 inches (i.e. internally stiffened bins, doors, ladders).
- Can be installed on new or existing DPS G2 or Daay Bin Paddle Sweep models.
- Flexible polypropylene bristle head.
- Standard patent pending slip clutch to allow for zero entry operation/automatic startup.
- Inline slip clutch prevents damage if the brush becomes stuck.
- Designed to be left in bin during burial.

DESIGNED EXCLUSIVELY FOR THE:















Watch Videos of Sweep Products in Action!

Scan the QR Code to the right with your smartphone or visit the Sioux Steel Company YouTube channel to watch videos demonstrating the features of sweep products.





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Search local dealerships or buy direct online.

MSRP product pricing featured along with
additional product information.

www.agpartsdirect.com

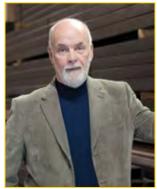
5 GENERATIONS STRONG!



CHARLES RYSDON
FOUNDER &
FIRST GENERATION



MAX RYSDON
SECOND
GENERATION



PHIL RYSDON

CHAIRMAN &

THIRD GENERATION



SCOTT RYSDON
PRESIDENT/CEO &
FOURTH GENERATION



MAXWELL RYSDON
SALES ENGINEER &
FIFTH GENERATION

19 SINCE 18 Since 1918, Sioux Steel Company is now in its fifth generation as a family-owned company. Based in Sioux Falls, South Dakota, we know the agricultural industry and know that you need high-quality, dependable products. Our mission continues to be not only to satisfy our customers, but we want them to be *delighted* to do business with us.

Interested in working for Sioux Steel Company? Scan this QR Code with your smartphone to e-mail us for our current employment opportunities.



