





Index

Crawler carriers	4 - 11
Pipelayers	12 - 19
Padding machines	20 - 23
Pipe benders	24 - 27
Vacuum lifts	28 - 31
Accessories	32 - 39
Contact	Back Cover

CRAWLER CARRIERS



A Tailored Solution For Your Construction Needs.

Whether it's a flat or dump bed, welding deck, water tank, personnel carrier, among others, your Crawler Carrier is expertly configured to meet the task head-on. The cabin offers flexibility with single or double seats, catering to your operational needs. Navigate any terrain effortlessly with a choice of a rugged rubber undercarriage or durable steel tracks. Embark on a new era of efficiency and customization with our Crawler Carrier – where adaptability meets excellence in every detail.

CARRIER CONFIGURATIONS



Flat Bed

Made from A36 steel with 5/16 inch thickness for the sides, floor and headboard, grommets (heavy duty only) and a tuckable step ladder on either side and hydraulic cylinders for load dumping.



Fuel/Lube Deck

In addition to the 500 gallon fuel tank, it can be configured to dispense 3 different oil products, grease, DEF fluid and coolant. The air tank can deliver compressed air for tires, air tools, etc.

Dump Bed

Made with a reinforced steel cross-frame to withstand the high stresses of heavy material. The dump bed can fit on any size carrier.



Water Tank

The water tank platform is specifically built for the ST-220X carrier. It consists of a 2,000 gallon tank mounted on a 12' flat bed.



Welding Deck

Fitted on SUPERIOR's light duty flatbed and can be customized to the customer's exact specifications. Automatic welding decks are also available.



Personnel Carrier

The ultimate solution for transporting workers to and from the jobsite through a muddy or otherwise inaccessible right-of-way.

Sand-blasting Deck

It features a lowered rear platform for easy access which makes loading material into the pod easier, with both sides of the platform open for loading/unloading of material on pallets.



Fifth Wheel

SUPERIOR's fifth wheel attachment uses a Holland FWS1 top plate, which is one of the lightest, most durable top plates available anywhere.

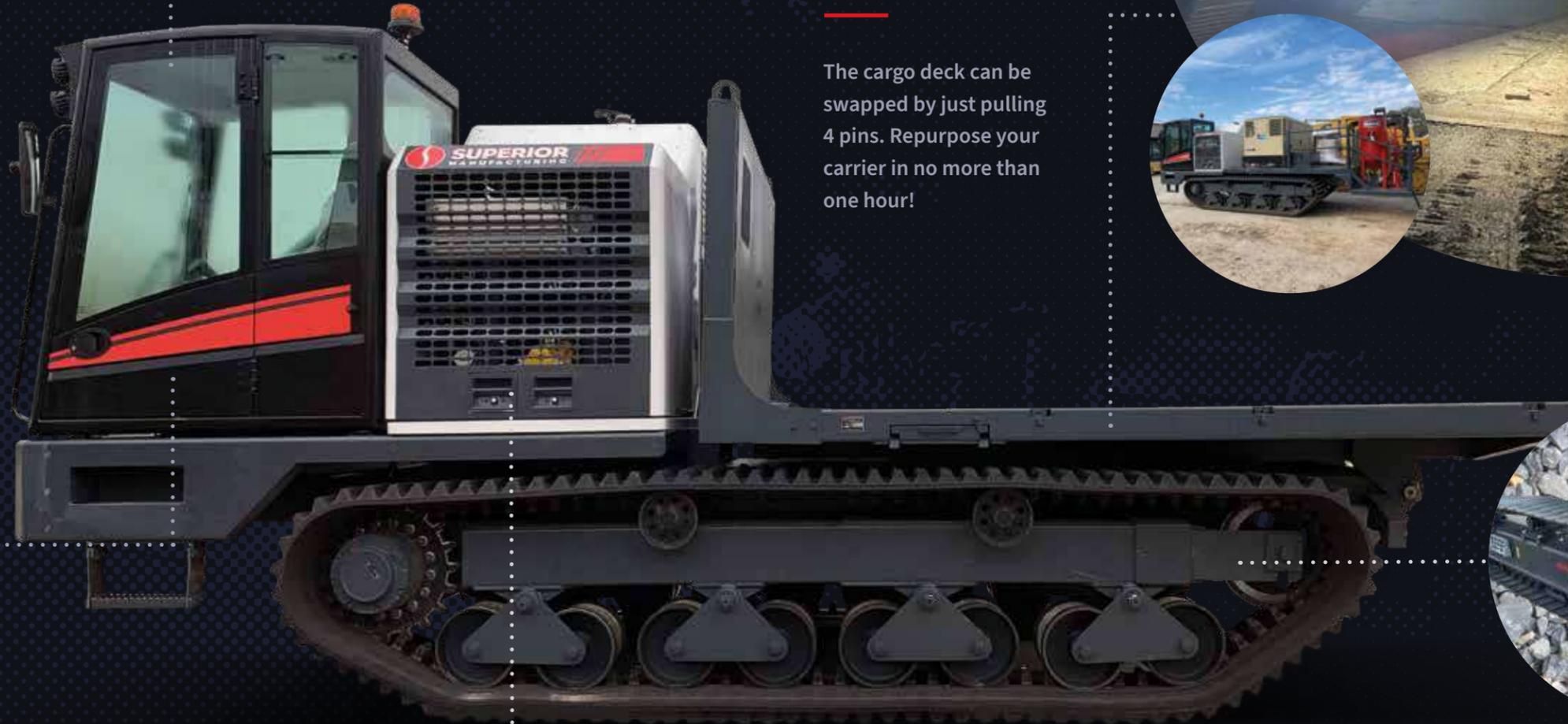


CARRIER FEATURES



One or Two-Crew Cabin

Opt for a single seat for focused operation or a double seat for training purposes.



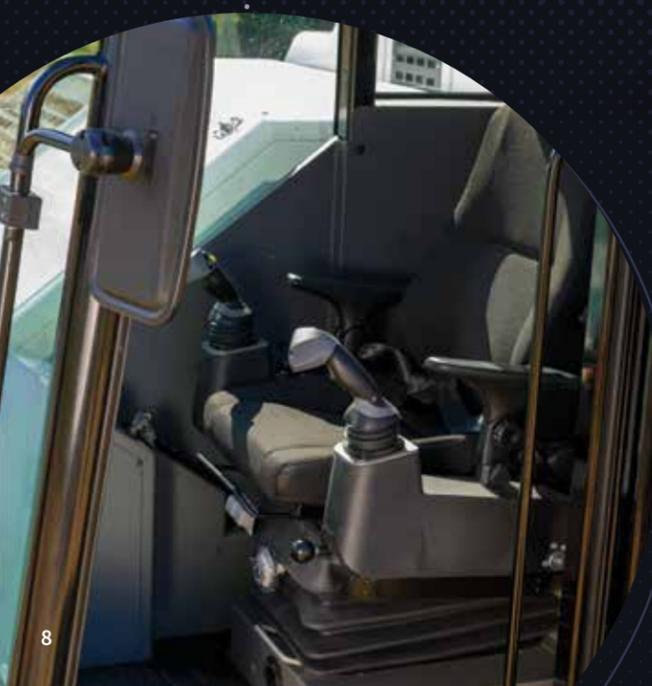
Repurpose Your Carrier Over and Over

The cargo deck can be swapped by just pulling 4 pins. Repurpose your carrier in no more than one hour!



Electronic Controls

No hydraulic hose in the cab needed for less chance of oil leaks. These controls also allow for more precise movement.



Easy Access

Easily reach and access every compartment, from the engine bay to the tool box storage area, thus simplifying maintenance.

Swappable U/C

Maximize your carrier's usability by swapping the undercarriage from rubber to steel tracks depending on soil and gradient conditions.

CARRIER LINE-UP



	Fixed Platform		
	ST-150X	ST-220X	ST-300X
Performance			
Carrying capacity	15,000 lb (6,800 kg)	22,000 lb (9,980 kg)	30,000 lb (13,610 kg)
Max. speed	5.6 mph (9 km/h)	5.6 mph (9 km/h)	5 mph (8 km/h)
Gradeability (empty)	58% (30°)	58% (30°)	58% (30°)
Hydraulic boom size	2,200 lb @ 23 ft (1,000 @ 7 m)	3,300 lb @ 23 ft (1,500 kg @ 7 m)	4,400 lb @ 23 ft (2,000 kg @ 7 m)
Engine			
Type	Cat Tier III & Tier IV Available	Cat Tier III & Tier IV Available	Cat Tier III & Tier IV Available
Displacement	7.01 L	7.01 L	7.01 L
Nominal output	225 HP (168 kW)	300 HP (225 kW)	300 HP (225 kW)
Governed speed	2,200 rpm	2,200 rpm	2,200 rpm
Battery	2 (12V each)	2 (12V each)	2 (12V each)
Hydraulic			
Transmission	DANFOSS	DANFOSS	DANFOSS
Drive pump displacement	75 cc (each side)	90 cc (each side)	130 cc (each side)
Weight			
Total weight (empty)	26,455 lb (12,000 kg)	33,730 lb (15,300 kg)	39,683 lb (18,000 kg)
Ground pressure (empty)	3.98 PSI	5.12 PSI	5.54 PSI
Total weight (loaded)	41,887 lb (19,000 kg)	55,776 lb (25,300 kg)	69,666 lb (31,600 kg)
Ground pressure (loaded)	6.40 PSI	8.53 PSI	9.81 PSI
Dimensions			
Length	20' 9" (6.33 m)	20' 9" (6.33 m)	20' 9" (6.33 m)
Width	8' 2" (2.5 m)	9' 10" (3 m)	9' 10" (3 m)
Height	9' 7" (2.93 m)	9' 11" (3 m)	9' 11" (3 m)
Wheelbase	12' 8" (3.87 m)	12' 2" (3.7 m)	12' 3" (3.73 m)
Crawler width	2' 4" (70 cm)	2' 6" (75 cm)	2' 7" (80 cm)
Crawler distance	5' 11" (1.8 m)	7' 4" (2.25 m)	7' 3" (2.2 m)
Cabin			
Features	A/C, ROPS, Left open door	A/C, ROPS, Left open door	A/C, ROPS, Left open door

	Rotating Platform	
	ST-220XR	ST-300XR
Performance		
Carrying capacity	22,000 lb (9,980 kg)	30,000 lb (13,610 kg)
Max. speed	5.6 mph (9 km/h)	5 mph (8 km/h)
Gradeability (empty)	58% (30°)	58% (30°)
Hydraulic boom size	3,300 lb @ 23 ft (1,500 kg @ 7 m)	4,400 lb @ 23 ft (2,000 kg @ 7 m)
Platform rotation	360°	360°
Engine		
Emissions	Cat Tier III & Tier IV Available	Cat Tier III & Tier IV Available
Displacement	7.01 L	7.01 L
Nominal output	300 HP (225 kW)	300 HP (225 kW)
Governed speed	2,200 rpm	2,200 rpm
Battery	2 (12V each)	2 (12V each)
Hydraulic		
Transmission	DANFOSS	DANFOSS
Drive pump displacement	130 cc (each side)	130 cc (each side)
Weight		
Total weight (empty)	40,565 lb (18,400 kg)	41,888 lb (19,000 kg)
Ground pressure (empty)	6.11 PSI	6.5 PSI
Total weight (loaded)	62,611 lb (28,400 kg)	71,870 lb (32,600 kg)
Ground pressure (loaded)	9.52 PSI	9.9 PSI
Dimensions		
Length	20' (6.12 m)	20' 9" (6.33 m)
Width	9' 10" (3 m)	9' 10" (3 m)
Height	11' 3" (3.43 m)	11' 3" (3.43 m)
Wheelbase	12' 2" (3.7 m)	12' 3" (3.73 m)
Crawler width	2' 6" (75 cm)	2' 7" (80 cm)
Crawler distance	7' 4" (2.23 m)	7' 3" (2.2 m)
Cabin		
Features	A/C, ROPS, Left open door	A/C, ROPS, Left open door

PIPELAYERS



Safety Comes First.

Pipelaying is among the riskiest operations during pipeline construction, which is why operator's safety was the main focus when designing our pipelayers. Anti-tipping prevents tipping over by calculating the maximum load that can be lifted at the current boom angle; The free-fall system drops the load in an emergency; and the boom kick-out system ensures the boom doesn't accidentally get bent. Operation is made easy by a single joystick to control both boom and line.



PIPELAYERS FEATURES



Digital dashboard

The control panel displays all the relevant –and safety information in an easy-to-read UI.



Hydraulic simplicity

With a single move of the joystick the operator can lower or raise the boom and/or raise or lower the load at the same time, thus simplifying this delicate operation.

Safety, safety, safety

Pipelaying is a risky operation, which is why we packed our pipelayers with safety features: **anti-tipping system**, **freefall system** (drops the load in an emergency to prevent tipping), **anti-two block** (prevents cables from accidentally breaking), **boom kick-out** (prevents boom being bent) and **ROPS**.

Pinpoint precision

A joystick allows to go forward or reverse and/or right or left at the same time for complete freedom of movement, while the dual controls left of the joystick allow for pinpoint maneuvers to couple the pipes without the usual jerking.

Tier 3 or 4 engine

Easily reach and access every compartment, from the engine bay to the tool box storage area, thus simplifying maintenance.



Unique Features



The **SX-70VG** has a variable gauge tracks for easier transportation and greater stability.



The **SX-100RT** has a hydraulically removable undercarriage that allows it to be shipped in three containers.



Both models feature a swiveling seat (with controls) for operator comfort and greater operation visibility.

PIPELAYERS LINE-UP



	SX-260	SX-460	SX-660
Performance			
Lifting capacity	26-ton	46-ton	66-ton
Max. speed	5.6 mph (9 km/h)	4.5 mph (7.2 km/h)	3.8 mph (6.2 km/h)
Standard boom size	18 ft (5.5 m)	18 ft (5.5 m)	20 ft (6.1 m)
Optional boom size	20 ft (6.1 m)	20 ft (6.1 m)	24 ft (7.4 m)
Engine			
Type	C7.1 ACERT Tier 4	C7 ACERT	C9 ACERT
Displacement	433 in ³ (7.1 L)	442 in ³ (7.2 L)	629 in ³ (10.3 L)
Nominal output	202 HP (150 kW)	250 HP (184 kW)	350 HP (261 kW)
Governed speed	2,100 rpm	2,200 rpm	2,200 rpm
Fluid Capacities			
Fuel tank	76 US gal (290 L)	105.6 US gal (400 L)	82 US gal (310 L)
Hydraulic tank	33 US gal (125 L)	33 US gal (125 L)	30.4 US gal (115 L)
Weight			
Total weight	44,092 lb (20,000 kg)	70,550 lb (32,000 kg)	101,400 lb (45,994 kg)
Dimensions			
Length	15.2 ft (4.62 m)	14.8 ft (4.5 m)	17.7 ft (5.4 m)
Width (without boom)	9.2 ft (2.8 m)	11.6 ft (3.54 m)	11 ft (3.36 m)
Height	10 ft (3 m)	10.5 ft (3.2 m)	10.8 ft (3.3 m)
Wheelbase	9.2 ft (2.8 m)	10.2 ft (3.1 m)	12.1 ft (3.68 m)
Cabin			
Features	A/C, ROPS	A/C, ROPS	A/C, ROPS
Swiveling seat	No	No	No



	Variable Gauge		Removable Tracks
	SX-70VG	SX-960	SX-100RT
Performance			
Carrying capacity	70-ton	96-ton	100-ton
Max. speed	3.7 mph (6 km/h)	3.3 mph (5.3 km/h)	5 mph (8 km/h)
Standard boom size	-	28 ft (8.5 m)	-
Optional boom size	-	30 ft (9.1 m)	-
Engine			
Emissions	C7.1 EU Stage V / Tier 3 & 4 Final	C13 ACERT	C9.3B EU Stage V / Tier 3 & 4 Final
Displacement	-	763 in ³ (12.5 L)	567.5 in ³ (9.3 L)
Nominal output	302 HP (225 kW)	440 HP (324 kW)	415 HP (310 kW)
Governed speed	2,200 rpm	2,200 rpm	1,800 - 2,200 rpm
Fluid Capacities			
Fuel tank	-	190 US gal (720 L)	145.3 US gal (550 L)
Hydraulic tank	-	30.4 US gal (115 L)	106 US gal (400 L)
Weight			
Total weight	101,412 lb (46,000 kg)	134,500 lb (61,000 kg)	132,277 lb (60,000 kg)
Dimensions			
Length	17.4 ft (5.3 m)	19.3 ft (5.9 m)	20.5 ft (6.3 m)
Width (without boom)	9.8 ft (3 m)	12.3 ft (3.76 m)	15.6 ft (4.77 m)
Height	11.3 ft (3.45 m)	11.5 ft (3.5 m)	12.2 ft (3.72 m)
Wheelbase	12.1 ft (3.7 m)	13.1 ft (4 m)	13.3 ft (4 m)
Features			
Features	A/C, ROPS, swiveling seat	A/C, ROPS	A/C, ROPS, swiveling seat
Swiveling seat	Yes	No	Yes

HYDRAULIC CONVERSIONS



CPX Hydraulic Kit

The CPX Hydraulic Kit converts your mechanical pipelayer into a fully hydraulic one. This upgrade represents an enormous improvement for a safer work environment.

572/583/594 Pipelayers and D7/D8/D9 Dozers

Main Pump

Type Bosch-Rexroth axial piston variable displacement pump

Valves

Type Bosch load-sensing mobile control block proportional directional valves

Max. capacity 75.5 US gal/min (286 L/min)

Working pressure 4,642 PSI (320 bar)

Control

Type Pilot units for remote control of winch motors progressive and sensitive operations

Service Pump

Type Gear pump

Max. capacity 2.6 US gal/min (10 L/min)

Working pressure 435 PSI (30 bar)

Hydraulic Tank

Type Pressurized type

Max. capacity 32 US gal (120 L)

Filter

Type Donaldson FI0500

Max. capacity 132 US gal/min (500 L/min)

561/571 Pipelayers and D5M/D6M Dozers

Main Pump

Type Bosch-Rexroth axial piston variable displacement pump

Valves

Type Bosch load-sensing mobile control block proportional directional valves

Max. capacity 75.5 US gal/min (286 L/min)

Working pressure 4,642 PSI (320 bar)

Control

Type Pilot units for remote control of winch motors progressive and sensitive operations

Service Pump

Type Gear pump

Max. capacity 2.6 US gal/min (10 L/min)

Working pressure 435 PSI (30 bar)

Hydraulic Tank

Type Pressurized type

Max. capacity 32 US gal (120 L)

Filter

Type Donaldson FI0500

Max. capacity 132 US gal/min (500 L/min)

SP Conversion Package

The SP conversion package contains all the components needed to turn your dozer into a fully hydraulic pipelayer, including the CPX hydraulic kit.

SP Conversion Package Components



Hydraulic kit



Boom



Support platform



Counterweight frame



Power take-off



Upper hardbar



A-frame



Lower hardbar



Leaves



Anti-friction blocks

PADDING MACHINES



A Solution For Every Challenge.

SUPERIOR offers an extremely diverse line of padding solutions for every need: from small projects to large-diameter pipeline construction projects. Our padding buckets are the perfect solution for smaller tie-in jobs; the remote-controlled SP-150 is the go-to solution for solar and wind projects; the top-loading SP-160L is the perfect solution for low-maneuverability or less-than-ideal soil conditions; and the larger SP-350 HD, with its swinging cabin, is the perfect padder for larger pipe sizes.

PADDING MACHINES LINE-UP



Padding Buckets

	SBP-15	SBP-25	SP-150
Performance			
Screening capacity	1.5 yd ³ (1.15 m ³)	2.5 yd ³ (1.9 m ³)	25 ft ² (2.32 m ²)
Max. speed	N/A	N/A	2.2 mph (3.4 km/h)
Engine			
Type	N/A	N/A	C-4.4 ACERT
Nominal output	N/A	N/A	140 HP (103 kW)
Governed speed	N/A	N/A	2,200 rpm
Weight			
Total weight	5,622 lb (2,550 kg)	7,716 lb (3,500 kg)	26,455 lb (12,000 kg)
Dimensions			
Length	4.4 ft (1.34 m)	4.7 ft (1.43 m)	22.3 ft (6.81 m)
Width	5.2 ft (1.59 m)	6 ft (1.82 m)	8.7 ft (2.66 m)
Height	6.4 ft (1.96 m)	6 ft (1.82 m)	9 ft (2.75 m)
Wheelbase	N/A	N/A	7.7 ft (2.35m)
Features			
Remote control	N/A	N/A	Yes
Cabin	N/A	N/A	N/A
Other	Use with Cat 320 or equivalent	Use with Cat 330 or equivalent	-

	SP-160L	SP-250	SP-350 HD
Performance			
Screening capacity	60 ft ² (5.6 m ²)	30 ft ² (2.8 m ²)	60 ft ² (5.6 m ²)
Max. speed	1.24 mph (2 km/h)	2.8 mph (4.5 km/h)	2.15 mph (3.46 km/h)
Engine			
Emissions	C7.1 ACERT	C-7 ACERT	C-9 ACERT Tier IV Final
Nominal output	225 HP (167 kW)	250 HP (184 kW)	350 HP (261 kW)
Governed speed	2,200 rpm	2,100 rpm	2,100 rpm
Weight			
Total weight (empty)	52,911 lb (24,000 kg)	64,000 lb (29,030 kg)	115,000 lb (52,163 kg)
Dimensions			
Length	24.9 ft (7.6 m)	35.9 ft (10.9 m)	40.2 ft (12.3 m)
Width	9.8 ft (3 m)	8.4 ft (2.55 m)	9.8 ft (3 m)
Height	11 ft (3.38 m)	11.2 ft (3.4 m)	12 ft (3.6 m)
Wheelbase	-	10.2 ft (3.1 m)	18.1 ft (5.5 m)
Features			
Remote control	Yes	N/A	N/A
Cabin	N/A	A/C, Optional ROPS, Slidding	A/C, Rotating
Other	-	-	-

PIPE BENDERS



Bending Made Easy.

The SUPERIOR pipe benders are all equipped with LUDV, a load-sensing control system that is unprecedented in terms of performance. This system enables the operator to fine-tune the combination of bending power and speed, a very crucial advantage when bending high-strength pipe, such as X-80 and X-100 pipes. A climate controlled cabin is available on bigger models.



PIPE BENDERS LINE-UP



	SPB 6-20	SPB 16-30	SPB 22-36
Performance			
Pipe sizes	6 to 20 in	16 to 30 in	22 to 36 in
Max. constant pressure (pump)	3,626 p.s.i. (250 bar)	4,061 p.s.i. (280 bar)	5,046 p.s.i. (350 bar)
Max. peak pressure (pump)	4,351 p.s.i. (300 bar)	5,046 p.s.i. (350 bar)	5,801 p.s.i. (400 bar)
Number of cylinders	4	4	4
Spools	5	5	5
Engine			
Type	C-2.2	C-4.4 ACERT	C-4.4 ACERT
Displacement	134.25 in ³ (2.2 L)	244.7 in ³ (4.01 L)	244.7 in ³ (4.01 L)
Nominal output	42 HP	99.5 HP	99.5 HP
Governed speed	2,600 rpm	2,000 rpm	2,000 rpm
Tank Capacities			
Hydraulic tank	30 US gal (112 L)	50 US gal (190 L)	68 US gal (260 L)
Fuel tank	23 US gal (88 L)	52 US gal (200 L)	52 US gal (200 L)
Weight			
Total weight (empty)	11,244 lb (5,100 kg)	39,683 lb (18,000 kg)	59,525 lb (27,000 kg)
Dimensions			
Length	13.5 ft (4.1 m)	22.3 ft (6.8 m)	26.25 ft (8 m)
Width	6.8 ft (2 m)	8 ft (2.45 m)	8.2 ft (2.5 m)
Height	6.25 ft (1.9 m)	97.7 ft (2.35 m)	9.4 ft (2.86 m)
Cabin			
Features	N/A	Optional cabin with A/C	Optional cabin with A/C

	SPB 32-42	SPB 36-48	SPB 48-60
Performance			
Pipe sizes	32 to 42 in	36 to 48 in	48 to 60 in
Max. constant pressure (pump)	127 gpm (483 L/min)	127 gpm (483 L/min)	127 gpm (483 L/min)
Max. peak pressure (pump)	320 bar	320 bar	320 bar
Number of cylinders	6	6	6
Spools	5	6	6
Engine			
Type	C-6.6 ACERT	C-6.6 ACERT	C-6.6 ACERT
Displacement	402.7 in ³ (6.6 L)	402.7 in ³ (6.6 L)	402.7 in ³ (6.6 L)
Nominal output	225 HP (168 kW)	225 HP (168 kW)	225 HP (168 kW)
Governed speed	1,900 rpm	1,900 rpm	1,900 rpm
Fuel Tank			
Transmission	121 US gal (460 L)	121 US gal (460 L)	121 US gal (460 L)
Drive pump displacement	76 US gal (290 L)	76 US gal (290 L)	76 US gal (290 L)
Weight			
Total weight (empty)	95,900 lb (43,500 kg)	149,914 lb (68,000 kg)	211,644 lb (96,000 kg)
Dimensions			
Length	29 ft (8.9 m)	36 ft (10.13 m)	36.1 ft (11 m)
Width	10.5 ft (3.25 m)	11.4 ft (3.5 m)	13 ft (4.02 m)
Height	10 ft (3 m)	10.5 ft (3.24 m)	12.5 ft (3.82 m)
Cabin			
Features	Optional cabin with A/C	Optional cabin with A/C	Optional cabin with A/C

VACUUM LIFTS DEERE



Handling Pipe With Care.

The SVL series can be hooked up in minutes to your excavator and it can handle pipe sizes ranging from 6" to 62" in any coating, including concrete or bare steel, without causing any damage to the coating or pipe bevel and, unlike other models, each suction pad will accommodate a range of pipe sizes. Double jointed suction pads, capable of handling longer pipes, are also available.

VACUUM LIFTS LINE-UP



	SVL-90	SVL-130	SVL-220
Performance			
Lifting capacity	19,842 lb (9,000 kg)	28,660 lb (13,000 kg)	48,502 lb (22,000 kg)
Rotator			
Max. axial load of rotator	22,000 lb (9,979 kg)	33,000 lb (15,000 kg)	55,000 lb (25,000 kg)
Maximum torque	350 daNm	380 daNm	840 daNm
Max. rotation pressure	4,640 p.s.i. (320 bar)	4,640 p.s.i. (320 bar)	4,640 p.s.i. (320 bar)
Engine			
Type	YANMAR L48N6	Hatz 1B50	Hatz 1B50
Rated power	3.8 HP (2.7 Kw)	10.7 HP (7.9 Kw)	10.7 HP (7.9 Kw)
Fluid Capacities			
Engine	2.7 US gal (10 L)	17.7 US gal (67 L)	17.7 US gal (67 L)
Weight			
Total weight (empty)	2,094 lb (950 kg)	3,307 lb (1,500 kg)	4,409 lb (2,000 kg)
Dimensions			
Width	112 in (284.5 cm)	112 in (284.5 cm)	112 in (284.5 cm)
Depth	26.4 in (67 cm)	28.4 in (72 cm)	28.4 in (72 cm)
Height	74.9 in (190.3 cm)	87.8 in (223.1 cm)	91.8 in (233.1 cm)
Excavator			
Recommended size	20/30-ton	25/35-ton	45/55-ton

Regular Suction Pads

Model	Weight	Pipe Range	Capacity
PD 4	165 lb (75 kg)	4 in	2,750 lb (1,250 kg)
PD 6 – 8	463 lb (210 kg)	6 – 8 in	3,525 lb (1,600 kg)
PD 10 – 14	851 lb (386 kg)	10 – 14 in	6,615 lb (3,000 kg)
PD 16 – 22	959 lb (435 kg)	16 – 22 in	8,815 lb (4,000 kg)
PD 24 – 32	1,169 lb (530 kg)	24 – 32 in	13,225 lb (6,000 kg)
PD 34 – 42	1,455 lb (660 kg)	34 – 42 in	16,975 lb (7,700 kg)
PD 42 – 48	1,742 lb (790 kg)	42 – 48 in	25,465 lb (11,550 kg)
PD 50 – 54	2,668 lb (1,210 kg)	50 – 54 in	33,070 lb (15,000 kg)
PD 56 – 62	3,197 lb (1,450 kg)	56 – 62 in	39,685 lb (18,000 kg)

Double-jointed Suction Pads

Model	Weight	Pipe Range	Capacity
PDD 24 – 32	3,750 lb (1,700 kg)	24 – 32 in	20,000 lb (9,072 kg)
PDD 34 – 42	5,070 lb (2,300 kg)	34 – 42 in	27,000 lb (12,247 kg)
PDD 42 – 48	7,050 lb (3,198 kg)	42 – 48 in	38,000 lb (17,236 kg)

ACCESSORIES

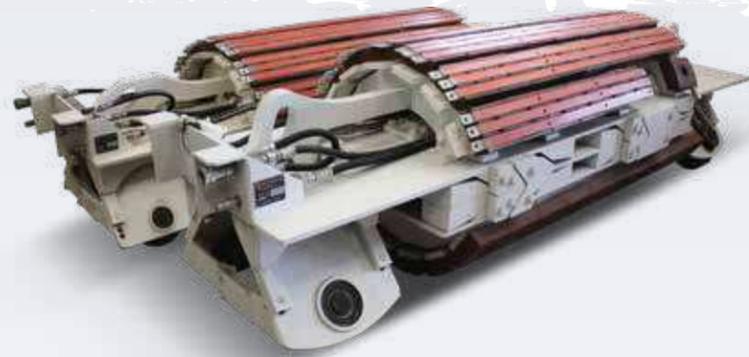


All The Accessories You Need.

In addition to a full line of pipeline equipment, we offer pipeline and pipe bending accessories for all SUPERIOR equipment. They accommodate all available pipe sizes and will work seamlessly with your SUPERIOR product.



ACCESSORIES LINE-UP



Hydraulic Wedge Mandrels

SUPERIOR's line of mandrels are available for all pipe diameter sizes and are designed for thicker wall pipe. They are designed to complement all SUPERIOR pipe bending machines, which have 2 extra hydraulic valves that can power any of our hydraulic mandrels.

Model	Pipe Size	Length	Width	Height	Weight
SWH 10	10 in	73 in (1,850 mm)	8 in (203 mm)	8 in (203 mm)	374 lbs (170 kg)
SWH 12 - 14	12 - 14 in	81 in (2,050 mm)	12 in (305 mm)	12 in (305 mm)	440 lbs (200 kg)
SWH 16 - 18	16 - 18 in	86.5 in (2,200 mm)	16 in (407 mm)	16 in (407 mm)	924 lbs (420 kg)
SWH 20 - 22	20 - 22 in	95.5 in (2,430 mm)	20 in (508 mm)	20 in (508 mm)	1,452 lbs (660 kg)
SWH 24 - 26	24 - 26 in	107.5 in (2,730 mm)	22 in (559 mm)	22 in (559 mm)	1,760 lbs (800 kg)
SWH 28	28 in	107.5 in (2,730 mm)	24 in (610 mm)	24 in (610 mm)	2,904 lbs (1,320 kg)
SWH 30 - 32	30 - 32 in	123.5 in (3,140 mm)	28 in (711 mm)	28 in (711 mm)	3,795 lbs (1,725 kg)
SWH 34 - 36	34 - 36 in	123.5 in (3,140 mm)	31 in (787 mm)	31 in (787 mm)	3,927 lbs (1,785 kg)
SWH 36 - 38	36 - 38 in	115 in (2,920 mm)	33 in (838 mm)	33 in (838 mm)	5,390 lbs (2,450 kg)
SWH 40 - 42	40 - 42 in	115 in (2,920 mm)	37 in (940 mm)	37 in (940 mm)	5,522 lbs (2,510 kg)
SWH 42 - 44	42 - 44 in	158 in (4,013 mm)	39 in (990 mm)	39 in (990 mm)	8,020 lbs (3,638 kg)
SWH 46 - 48	46 - 48 in	158 in (4,013 mm)	43 in (1,092 mm)	43 in (1,092 mm)	9,504 lbs (4,320 kg)
SWH 48 - 50	48 - 50 in	158 in (4,013 mm)	45 in (1,143 mm)	45 in (1,143 mm)	11,030 lbs (5,003 kg)
SWH 52 - 54	52 - 54 in	158 in (4,013 mm)	49 in (1,245 mm)	49 in (1,245 mm)	11,946 lbs (5,430 kg)
SWH 56 - 58	56 - 58 in	158 in (4,013 mm)	50 in (1,270 mm)	50 in (1,270 mm)	13,112 lbs (5,960 kg)
SWH 60 - 62	60 - 62 in	158 in (4,013 mm)	54 in (1,372 mm)	54 in (1,372 mm)	13,640 lbs (6,200 kg)
SWH 64 - 66	64 - 66 in	158 in (4,013 mm)	58 in (1,473 mm)	58 in (1,473 mm)	14,828 lbs (6,740 kg)

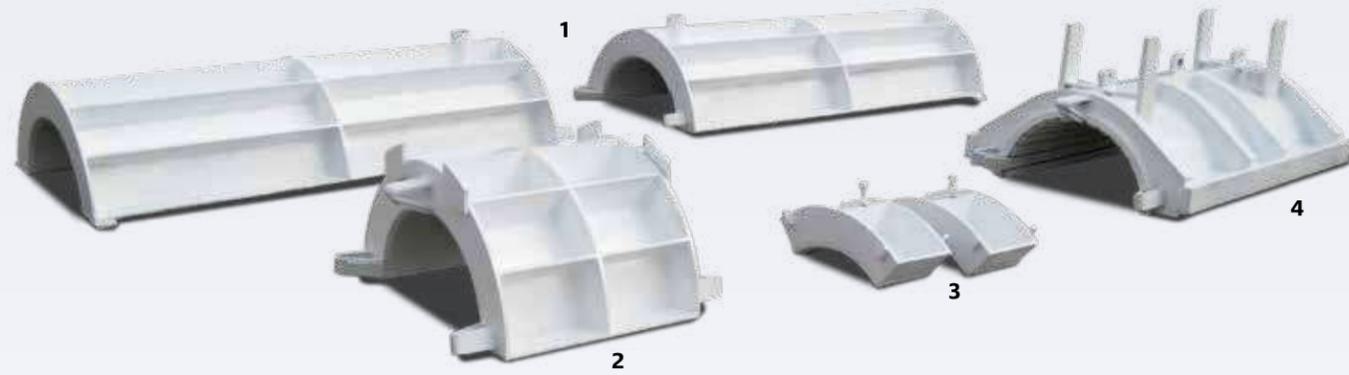


Line-up Clamps

SUPERIOR's internal pneumatic line-up clamps are available for all pipe diameter sizes (6 to 62 in) and are made with the highest quality components. Motorized travel is standard at 20 inches and above. Optional motorized travel is also available for sizes below 20 inches.

Model	Pipe Size	Length	Width	Height	Weight
SLC 8	8 in	59.5 in (1,510 mm)	7.5 in (190 mm)	9 in (229 mm)	253 lb (115 kg)
SLC 10	10 in	64 in (1,625 mm)	10 in (254 mm)	11.5 in (292 mm)	286 lb (130 kg)
SLC 12 - 14	12 - 14 in	90.5 in (2,300 mm)	12 in (305 mm)	13.5 in (343 mm)	319 lb (145 kg)
SLC 16 - 18	16 - 18 in	95.5 in (2,430 mm)	16 in (406 mm)	17.5 in (445 mm)	418 lb (190 kg)
SLC 20 - 22	20 - 22 in	105 in (2,680 mm)	18.5 in (469 mm)	20 in (508 mm)	693 lb (315 kg)
SLC 24 - 26	24 - 26 in	113.5 in (2,880 mm)	26 in (660 mm)	27.5 in (698 mm)	935 lb (425 kg)
SLC 28	28 in	113.5 in (2,880 mm)	28 in (710 mm)	29.5 in (749 mm)	1,122 lb (510 kg)
SLC 30 - 32	30 - 32 in	124.5 in (3,160 mm)	30 in (762 mm)	31.5 in (800 mm)	1,148 lb (522 kg)
SLC 34 - 36	34 - 36 in	134 in (3,400 mm)	36 in (910 mm)	37.5 in (952 mm)	2,640 lb (1,200 kg)
SLC 40 - 42	40 - 42 in	140 in (3,550 mm)	40 in (1,016 mm)	41.5 in (1,054 mm)	3,080 lb (1,400 kg)
SLC 46 - 48	46 - 48 in	151 in (3,850 mm)	45 in (1,143 mm)	46.5 in (1,181 mm)	4,290 lb (1,950 kg)
SLC 50 - 52	50 - 52 in	157 in (4,000 mm)	50 in (1,270 mm)	51.5 in (1,308 mm)	4,620 lb (2,100 kg)
SLC 54 - 56	54 - 56 in	157 in (4,000 mm)	54 in (1,372 mm)	55.5 in (1,410 mm)	4,950 lb (2,250 kg)
SLC 56 - 60	56 - 60 in	181 in (4,600 mm)	58 in (1,473 mm)	59.5 in (1,511 mm)	5,170 lb (2,350 kg)
SLC 60 - 64	60 - 64 in	181 in (4,600 mm)	62 in (1,575 mm)	63.5 in (1,613 mm)	5,720 lb (2,600 kg)

ACCESSORIES LINE-UP



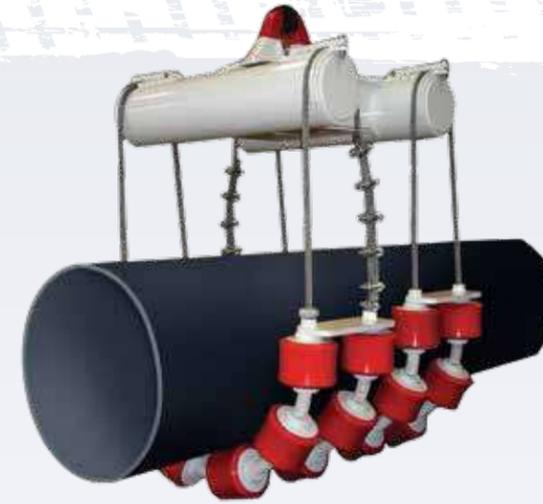
Bending Sets

Each bending set will fit one pipe size only and it includes: a stiff back liner (1); a bending die (2); two pin-up clamp liners (3); and a pin-up liner (4). Bending sets are available bare or with linings to accommodate special conditions and non-standard pipe or coating. Standard bending sets will accommodate pipe manufactured to API-5L.

The largest pipe size in a given pipe bending machine range requires a bending die only.

For SPB 6-20	For SPB 16-30	For SPB 22-36	For SPB 32-42	For SPB 36-48	For SPB 48-60
LBS 6/20	LBS 16/30	LBS 22/36	LBS 32/42	LBS 36/48	LBS 48/60
LBS 8/20	LBS 18/30	LBS 24/36	LBS 34/42	LBS 38/48	LBS 50/60
LBS 10/20	LBS 20/30	LBS 26/36	LBS 36/42	LBS 40/48	LBS 52/60
LBS 12/20	LBS 22/30	LBS 28/36	LBS 38/42	LBS 42/48	LBS 54/60
LBS 14/20	LBS 24/30	LBS 30/36	LBS 40/42	LBS 44/48	LBS 56/60
LBS 16/20	LBS 26/30	LBS 32/36	LBS 42/42	LBS 46/48	LBS 58/60
LBS 18/20	LBS 28/30	LBS 34/36	-	LBS 48/48	LBS 60/60
LBS 20/20	LBS 30/30	LBS 36/36	-	-	-

The first number indicates the pipe size while the second number indicates the maximum range of the bending machine where it fits. For example: an LBS 16/20 would accommodate a 16" pipe on an SPB 6-20 bender. An LBS 16/30 would also accommodate a 16" pipe but on an SPB 16-30 bender. All models are also available as bare bending sets.



Roli-cradles

Roli-cradles are used to support a pipe during lifting operations, while preventing damage to it. We offer a range of sizes to handle every pipe size.

Model	Length	Width	Height	Weight
SRC 6-12	42 in (1,067 mm)	22 in (559 mm)	30 in (762 mm)	1,135 lb (515 kg)
SRC 12-26	42 in (1,067 mm)	36 in (914 mm)	39 in (1,000 mm)	1,500 lb (680 kg)
SRC 24-38	56 in (1,422 mm)	65 in (1,650 mm)	39 in (1,000 mm)	4,960 lb (2,250 kg)
SRC 36-50	56 in (1,422 mm)	72 in (1,829 mm)	45 in (1,150 mm)	6,425 lb (2,914 kg)
SRC 48-62	56 in (1,422 mm)	84 in (2,134 mm)	49 in (1,250 mm)	7,240 lb (3,284 kg)

Model	Pipe Size	No. of Strings	No. of Rollers Per String	Total Rollers	Max. Load
SRC 6-12	6-12 in	2	10	20	16,923 lb (8,000 kg)
SRC 12-26	12-26 in	2	12	24	28,662 lb (13,000 kg)
SRC 24-38	24-38 in	2	14	28	56,500 lb (35,000 kg)
SRC 36-50	36-50 in	2	16	32	69,389 lb (45,000 kg)
SRC 48-62	48-62 in	2	18	36	105,380 lb (55,000 kg)

MAXIMUM LOAD: The capacities given in the table above are calculated with a safety factor of 5:1

ACCESSORIES LINE-UP

Pipe Carrying Kit

The Pipe Carrier Kits can be installed on a wide range of tractors such as Cat D6/D7/D8/D9 and others and can transport multiple tiers of pipe. The top cradle tilts up hydraulically for loading and unloading, creating a safer work environment. The hydraulic cylinders are controlled from the cabin.

D6 Tractors

Pipe D. N.	No. Pipes Per Side	Total Pipes Per Tractor	Max. Wall Thickness
6 - 10 in	6	12	1/2 in (12.7 mm)
12 - 16 in	4	8	5/8 in (16 mm)
18 - 24 in	2	4	7/8 in (22 mm)

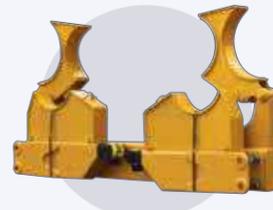


D7 Tractors

Pipe D. N.	No. Pipes Per Side	Total Pipes Per Tractor	Max. Wall Thickness
24 - 26 in	3	6	5/8 in (16 mm)
28 - 32 in	2	4	7/8 in (22 mm)
34 - 48 in	1	2	1 in (25.4 mm)

Customized Fitting

The cradles are custom-made to fit any pipe size combination the customer requires within the machine's pipe range.



D8 / D9 Tractors

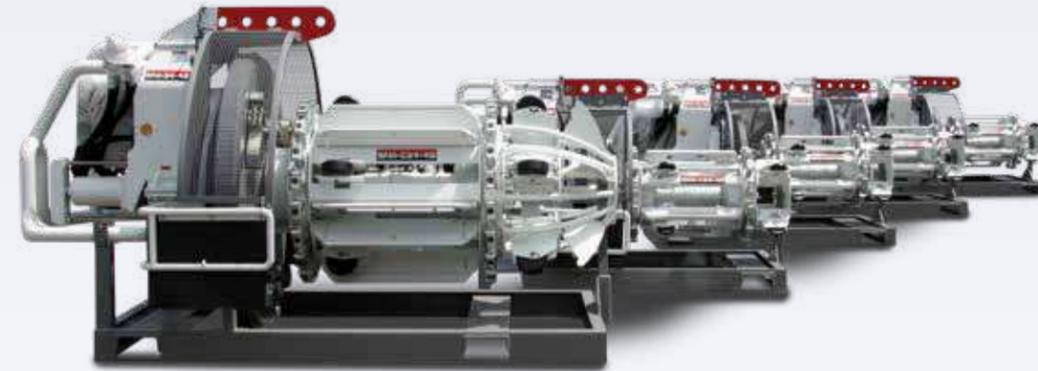
Pipe D. N.	No. Pipes Per Side	Total Pipes Per Tractor	Max. Wall Thickness
40 - 42 in	2	4	1 in (25 mm)
44 in	1	2	1 in (25 mm)
46 - 60 in	1	2	1-1/4 in (31.6 mm)

Easy Installation

The pipe carrying kit can be partially disassembled for transport, then easily assembled back again.

Pipe Facing Machines

Pipe facing machines consist of three components: the base unit, the clamp that fits into it and the generator that powers it up. There are two clamps available for each model: a small and a large one. Each one can handle a range of sizes for that particular base unit.



SFM 8-14	SFM 16-32	SFM 34-48	SFM 48-60
Pipe range 8 - 14 in	Pipe range 16 - 32 in	Pipe range 34 - 48 in	Pipe range 48 - 60 in
Weight 1,000 lb (454 kg)	Weight 3,968 lb (1,800 kg)	Weight 4,630 lb (2,100 kg)	Weight 5,544 lb (2,515 kg)
Small clamp (SMC-C 8-10)	Small clamp (SMC-C 16-22)	Small clamp (SMC-C 34-40)	Small clamp (SMC-C 48-54)
Pipe range 8 - 10 in	Pipe range 16 - 22 in	Pipe range 34 - 40 in	Pipe range 48 - 54 in
Weight 100 lb (45 kg)	Weight 1,322 lb (600 kg)	Weight 2,182 lb (990 kg)	Weight 4,850 lb (2,200 kg)
Large clamp (SMC-C 10-14)	Large clamp (SMC-C 24-32)	Large clamp (SMC-C 42-48)	Large clamp (SMC-C 56-60)
Pipe range 10 - 14 in	Pipe range 24 - 32 in	Pipe range 42 - 48 in	Pipe range 56 - 60 in
Weight 150 lb (68 kg)	Weight 2,205 lb (1,000 kg)	Weight 3,549 lb (1,610 kg)	Weight 5,070 lb (2,300 kg)



SFM-PU 100

Sound-proof engine
Weight 4,960 lb (2,250 kg)
Horsepower 101 HP (74 kW)



SFM-PU 140

Sound-proof engine
Weight 6,062 lb (2,750 kg)
Horsepower 142 HP (104 kW)



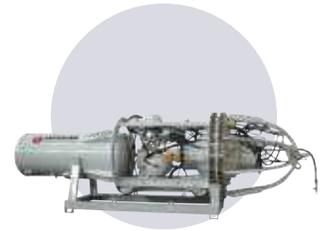
Padding Machines



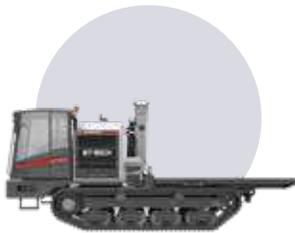
Pipelayers



Pipe Benders



Pipeline Accessories



Crawler Carriers



Hydraulic Kits



Top-Loading Padders



Vacuum Lifts



2200 Post Oak Blvd., Ste. 1000
Houston, TX 77056
Main 281.457.4400
U.S. Toll Free 800.383.2666
sales@superiormftg.com
www.superiormftg.com

U.S. +1.281.457.4400
Canada +1.281.457.4400
Mexico & Latin America +54.911.5049.8121
Brazil +54.911.4083.1274
Europe +49.0.151.226.52385
India +91.11.414.59230
Africa +49.0.170.583.4021
Australia +61.0.488.661.985
Middle East & Asian Pacific +61.0.488.661.985

Weights and dimensions are approximate. All information is subject to change without notice.
Superior Manufacturing is a trademark of Worldwide Machinery, A Diversified Company. All other
trademarks are the property of their respective owners. All rights reserved.

WORLDWIDE
MACHINERY
A Diversified Company

Exclusive Distributor of Superior Manufacturing