



## SVL-90/130/220 VACUUM LIFTS

Lifting capacity	9 ton (SVL-90)	13 ton (SVL-130)	22 ton (SVL-220)
Operating weight	2,094 lbs / 950 kg	3,307 lbs / 1500 kg	4,409 lbs / 2000 kg
Excavator size	20/30 ton	25/35 ton	45/55 ton





The SVL series helps you create a safer work environment by reducing the ground personnel required to handle the pipe, dramatically decreasing the chances of an accident. It can be operated via a remote controller or through a wired controller in the cabin.

The SVL series can be hooked up in minutes to your excavator, crane or pipelayer. 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.

The suction pads are available for any pipe length and diameter. Double-jointed pads are also available to handle double-jointed or welded pipe.

One of the SVL’s series most notable features is that, unlike othe models on the market, each suction pad will accomodate a range of pipe sizes. Other features include audio/visual alarm, which alerts the operator of insufficient bond between pad and pipe, and a hydraulic rotator with horizontal stabilizer.



**Remote Control**  
Serves to control the operation without the use of a connected electric cable. This control will apply and release the vacuum and as added safety it requires the operator to push two buttons at the same time to release the pipe. As an option, it can also control the rotation of the rotator mechanism.

**Control Board**  
This wired controller can be placed inside the cabin and used instead of the remote.



**Yoke Attachment**  
Allows to easily change sizes of excavators by only replacing a bushing.



**Rubber Seals (suction pads)**  
Designed for less time to suction ratios, and are especially effective in extreme cold and hot temperatures.



Front

**Flashing Lights**  
Indicate whether there is an adequate bond between the pipe and the suction pad.



**Alarm Sound Indicator**  
Makes loud alarm sound simultaneously with red flashing alarm light.



**Manometer**  
The manometer is used for vacuum pressure measurement between pipe and suction pad. There’s another manometer located in the suction pad.

**Rotating Head**  
Rotates the body of the vacuum lift for greater control in the placement of the pipe.

**Integrated Fuel Tank**  
It can operate continuously for a full day. Fuel indicator can be easily viewed.



Back





GENERAL SPECIFICATIONS

SVL-90

ENGINE

Type	YANMAR L48N6
Rated power	2.7 Kw - 3.8 HP
Diesel capacity	2.7 U.S. gal - 10 liters

VACUUM PUMP

Vacuum pump capacity	1,767 cu ft/h - 50 m³/h
Suction pressure	40 mbar

HYDRAULIC ROTATOR

Maximum axial load of rotator	22,000 lbs - 10 metric tons
Maximum torque	350 daNm
Maximum rotation pressure	4,640 p.s.i. - 320 bar
Oil flow volume	5 U.S. gal/min - 20 liters/min
Rotation	Continuous

CAPACITIES

Lifting capacity	9,000 kg / 19,842 lbs
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SVL-130

ENGINE

Type	Hatz 1B50
Rated power	7.9 kW / 10.7HP
Diesel capacity	17.7 U.S. gal - 67 liters

VACUUM PUMP

Vacuum pump capacity	3,531 cu ft - 100 m³/h
Suction pressure	40 mbar

HYDRAULIC ROTATOR

Maximum axial load of rotator	33,000 lbs - 15 metric tons
Maximum torque	380 daNm
Maximum rotation pressure	4,640 p.s.i. - 320 bar
Oil flow volume	5 U.S. gal/min - 20 liters/min
Rotation	Continuous

CAPACITIES

Lifting capacity	13,000 kg/28,660 lbs
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SVL-220

ENGINE

Type	Hatz 1B50
Rated power	7.9 kW / 10.7HP
Diesel capacity	17.7 U.S. gal - 67 liters

VACUUM PUMP

Vacuum pump capacity	6,180 cu ft - 175 m³/h
Suction pressure	40 mbar

HYDRAULIC ROTATOR

Maximum axial load of rotator	55,000 lbs - 25 metric tons
Maximum torque	840 daNm
Maximum rotation pressure	4,640 p.s.i. - 320 bar
Oil flow volume	8 U.S. gal/min - 30 liters/min
Rotation	Continuous

CAPACITIES

Lifting capacity	22,000 kg/48,502 lbs
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RECOMMENDED EXCAVATOR SIZE

MODEL

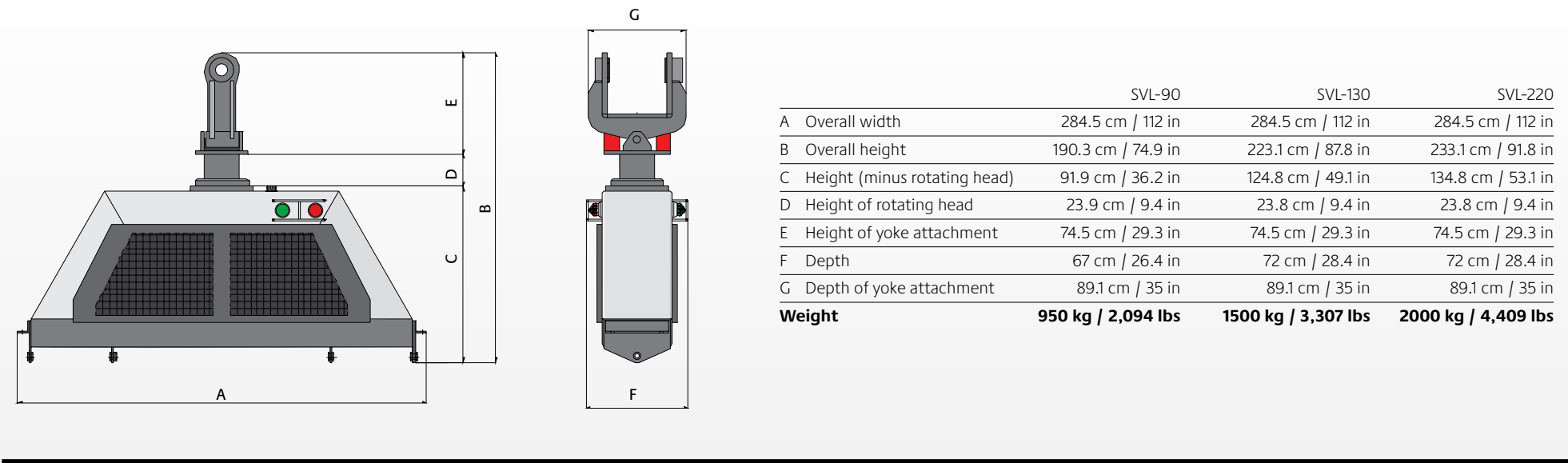
SVL-90	20/30 ton
SVL-130	25/35 ton
SVL-220	45/55 ton

*Note: any pad can be used on any of the 3 sizes of vacuum lifts.*

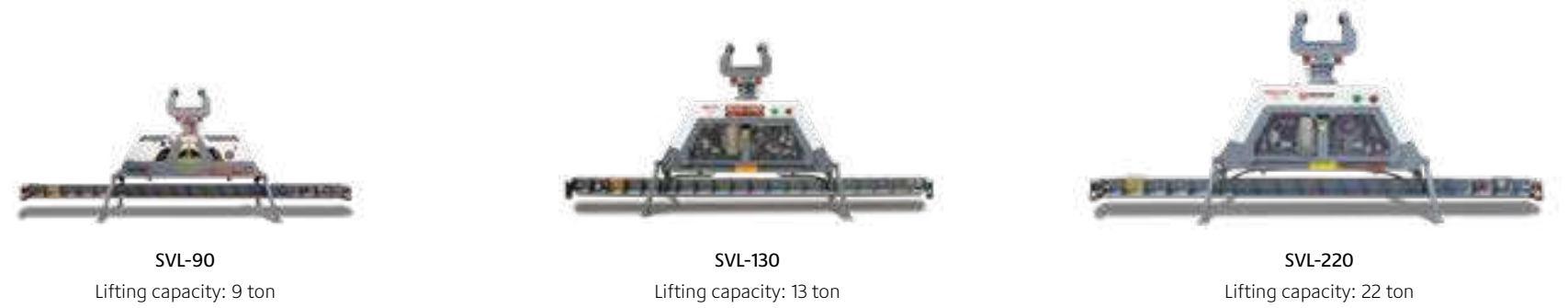




DIMENSIONS



AVAILABLE MODELS





Padding Machines



Pipelayers



Crawler Carriers



Pipeline Accessories



Pipe Benders



Hydraulic Kits



Pipe Facing Machines



Vacuum Lifts



Top-Loading Padders



Rock Dump Crawlers



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